

संख्या: भा.वि.प्रा./बागडोगरा/सहा.महाप्रबंधक(अभि.-वि.)/सि.इन्लु.-03/2024-25/
No. : AAI/BD/AGM(E-E)/CW-03/2024-25/

दिनांक: 12-12-2024
Date: 12-12-2024

सेवा मे,
मेसर्स. सिएसि इंजीनियर्स (प्रा.) लि.
न्यु नम्बर 16 पुराना नम्बर 193, थीरुवासगम एसटी
गांधी प्रधान सरक एक्काथुंगल
चेन्नाई - 600032
ई-मेल: cacengineers@yahoo.in

To,
CAC ENGINEERS PVT LTD
New no 16 old no 193 Thiruvassagam st
Gandhi Main Road Ekkathungal
Chennai-600032
E-Mail: cacengineers@yahoo.in

विषय/Subject: बागडोगरा हवाई अड्डे के एसएचए क्षेत्र में वीआरएफ/वीआरवी प्रकार के एसी सिस्टम द्वारा मौजूदा पैकेज एसी का प्रतिस्थापन, 07 वर्षों के लिए संचालन और 05 वर्षों के लिए एआईसीएमसी (डीएलपी के 02 वर्षों के बाद) - [एसआईटीसी कार्य]/Replacement of Existing Package AC by VRF/VRV type AC system at SHA area in Bagdogra Airport along with operation for 07 years and AICMC for 05 years (After 02 years of DLP).
संदर्भ / Ref : 1) E-Tender ID No.: 2024_AAI_210796_I

प्रिय महोदय / Dear Sir(s),

- उपर्युक्त कार्य हेतु आपकी निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से आपके द्वारा बताए गए मद मूल्यों पर आपकी उद्धृत राशि कुल रु. 1,98,19,543.00 (जी.एस.टी. छोड़कर हैं), पर स्वीकृत की जाती है, जो कि टेंडर की न्यायोचित राशि रु. 2,49,02,848.00 से 20.41 नीचे है।
Your tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India at the item rates quoted by you totaling to Rs. 1,98,19,543 (Rupees One Crore Ninety Eight Lakhs Nineteen Thousand Five Hundred and Forty Three only) excluding GST, which is 20.41% (Twenty point four one percent) below the Justified Cost of Rs. 2,49,02,848.00 (excluding GST).
- सहायक महाप्रबंधक (अभि.-विद्युत)-I, भा.वि.प्रा., बागडोगरा हवाईअड्डा, बागडोगरा-734421, इस कार्य के लिए प्रभारी इंजीनियर होंगे। आपसे निवेदन है कि आपकी ओर से आप अथवा आपके द्वारा अधीकृत प्रतिनिधि नियुक्त करें जो करारनामे पर हस्ताक्षर करने के लिए अधिकृत हो तथा वह दिनांक 06.01.2025 तक सहायक महाप्रबंधक (अभि.-विद्युत), भा.वि.प्रा., बागडोगरा हवाईअड्डा के कार्यालय में करार पर हस्ताक्षर करने एवं उसको पूरा करने हेतु उपस्थित हो। ठेके का करारनामा रु. 100/- (रुपया एक सौ मात्र) के नॉन ज्युडिशियल स्टाम्प पेपर पर निष्पादित किया जाएगा तथा स्टाम्प पेपर का खर्च आपके द्वारा वहन किया जाएगा।
Assistant General Manager (Engg. -Elect.)-I, AAI, Bagdogra Airport, Bagdogra-734421 shall be the Engineer-in - Charge of the work. You are requested to attend the office of Assistant General Manager (Engg. -Elect.), AAI, Bagdogra Airport, Bagdogra - 734421 by 06.01.2025 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.
- आपके निविदा से साथ प्राप्त बयाना राशि रु. 4,97,971/- को संविदा दस्तावेज के पृष्ठ 16 | GCC पर दी गई क्लॉज़ जी.सी.सी. 1(ए) के अनुसार सुरक्षा जमा के हिस्से के रूप में परिवर्तित कर दिया गया है। कृप्या इस पत्र के 10 दिन में सुरक्षा जमा के लिए रु. 14,83,983/- जमा करवा दें, ऐसा नहीं करने पर संविदा दस्तावेज के पृष्ठ 16 | GCC पर दी गई क्लॉज़ जी.सी.सी. 1(ए) के अनुसार आपके रनिंग बिल से काट ली जाएगी।
The earnest money amount of Rs. 4,97,971/- (Rupees Four Lakh Ninety Seven Thousand Nine Hundred and Seventy One only) received along with your tender has been converted as part of security deposit as per GCC clause 1(A) on page 16 | GCC of the contract document. Please deposit Rs. 14,83,983/- (Rupees Fourteen lakhs Eighty Three Thousand Nine Hundred and Eighty Three only) towards Security Deposit within 10 days from issue of this letter, failing which, the same will be deducted from your running bills as per GCC clause 1(A) on page 16 | GCC of the contract document.
- आपसे निवेदन है कि आप केंद्रीय और राज्य सरकारों 1970 के अधिनियम श्रम अनुबंध नियम तथा 1971 के केंद्रीय नियम (नियमन तथा उन्मूलन) एवं केन्द्र तथा राज्य सरकार के न्यूनतम वेतन अधिनियम और नियमों के प्रावधानों का अनुपालन अवश्य करें।
You are requested to comply with the provision of Contract Labour (Regulation & Abolition) Act 1970 and Contract Labour (Regulation & Abolition) Central Rules 1971 and minimum wages act and rules thereof Central and State Governments.

देवीप इला
12/12/2024

5. कृपया ध्यान दें कि कार्य को पूरा करने के लिए अनुमानित समय 04(चार) महीने होगा और इसकी गणना इस पत्र के जारी होने के 10वें दिन के बाद से की जाएगी।

Please note that the time allowed for carrying out the work shall be 04 (Four) months and same shall be reckoned from the 10th day after issue of this letter.

6. आपको निर्देश दिया जाता है कि आप तुरंत प्रबंधक (अभि.-विद्युत)-II, भा.वि.प्रा., बागडोगरा हवाईअड्डा, बागडोगरा-734421 से मिले वह आपको साइट सौंपने की व्यवस्था करेंगे।

You are directed to contact with the Manager (Engg. -Elect.)-II, AAI, Bagdogra Airport, Bagdogra-734421 who will arrange to hand over the site to you.

7. इस ठेके के संबंध में आगे का कोई भी पत्राचार इंजीनियर-इन-चार्ज को किया जाएगा।

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

8. कृपया पावती भेजे और स्वीकृति प्रतिलिपि के तौर पर संलग्नित पत्र की हस्ताक्षरित प्रति इस कार्यालय को अवश्य भेजें।

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.

9. यदि अंग्रेजी और हिन्दी पाठ में कोई असंगति पायी जाती है तो अंग्रेजी पाठ को सही माना जाएगा।

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

संलग्न/Encl : i) Schedule of work (Total 6 pages)

भवदीय/Yours faithfully,

Sd/-

सहायक महा प्रबंधक (अभि.-विद्युत)-I, ए.ए.आई., बागडोगरा विमानतल

AGM (Engg. -Elect.)-I, AAI, Bagdogra Airport,

अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण के लिए व उनकी तरफ से

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

जानकारी के लिए प्रतिलिपि/Copy for information:

जानकारी के लिए प्रतिलिपि/Copy for information:

- क्षेत्रीय कार्यपालक निदेशक, पूर्वी क्षेत्र, भा.वि.प्रा. क्षेत्रीय मुख्यालय (पूर्वी क्षेत्र.), ने.सु.च.बो.अ. हवाईअड्डा, कोलकाता-700052
The Regional Executive Director, ER, AAI, RHQ(ER), NSCBI Airport, Kolkata-700052
- महा प्रबंधक(अभि.) पूर्वी क्षेत्र, भा.वि.प्रा. क्षेत्रीय मुख्यालय (पूर्वी क्षेत्र.), ने.सु.च.बो.अ. हवाईअड्डा, कोलकाता-700052
The General Manager (Engg.), ER, AAI, RHQ(ER), NSCBI Airport, Kolkata-700052
- महा प्रबंधक(वित्त.), पूर्वी क्षेत्र, भा.वि.प्रा. क्षेत्रीय मुख्यालय (पूर्वी क्षेत्र.), ने.सु.च.बो.अ. हवाईअड्डा, कोलकाता-700052
The General Manager (Finance), ER, AAI, RHQ(ER), NSCBI Airport, Kolkata-700052
- विमानपत्तन निदेशक, बागडोगरा हवाईअड्डा, भा.वि.प्रा., दार्जिलिंग, सिलिगुड़ी-734421
The Airport Director, Bagdogra Airport, AAI, Darjeeling, Siliguri-734421
- उप महाप्रबंधक (अभि.-वि.), बागडोगरा हवाईअड्डा, भा.वि.प्रा., दार्जिलिंग, सिलिगुड़ी-734421
The Dy. General Manager (Engg.-Elect.), Bagdogra Airport, AAI, Darjeeling, Siliguri-734421
- उप महाप्रबंधक (वित्त.), बागडोगरा हवाईअड्डा, भा.वि.प्रा., दार्जिलिंग, सिलिगुड़ी-734421
The Dy. General Manager (Finance), Bagdogra Airport, AAI, Darjeeling, Siliguri-734421
- प्रबंधक (अभि.-वि.)-II, बागडोगरा हवाईअड्डा, भा.वि.प्रा., दार्जिलिंग, सिलिगुड़ी-734421
The Manager (Engg.-Elect.-II), Bagdogra Airport, AAI, Darjeeling, Siliguri-734421
- संबंधित फाइल/Concerned File.
- श्रम आयुक्त का कार्यालय (केंद्रीय), चौधरी कॉम्प्लेक्स, नई मस्जिद के पास, महानंदा पारा, बर्दवान रोड, सिलिगुड़ी-734001
Office of the Labour Commissioner (Central), Choudhury Complex, Near New Masjid, Mahananda Para, Bardwan Road, Siliguri-734001
- दफ्तर की कॉपी/Office copy.
- करारनामे की कॉपी/Agreement copy

देवदीप दत्ता
12/12/2024
(देवदीप दत्ता/Debdip Dutta)

सहायक महा प्रबंधक (अभि.-विद्युत)-I, ए.ए.आई., बागडोगरा विमानतल

AGM (Engg. -Elect.)-I, AAI, Bagdogra Airport,

अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण के लिए व उनकी तरफ से

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

AIRPORTS AUTHORITY OF INDIA
ENGINEERING ELECTRICAL WING
BAGDOGRA AIRPORT

SCHEDULE OF QUANTITY

Name of Work: Replacement of Existing Package AC by VRF/VRV type AC system at SHA area in Bagdogra Airport along with operation for 07 Years and AICMC for 05 Years. (After 02 years of DLP).

E-Tender ID No.: 2024_AAI_210796_1

Sl.No	Description of Item	Quantity	Units	Rate (Rs.) Excl. GST	Amount (Rs.) Excl. GST
SH I - SITC of VRF/VRV AC and allied Jobs.					
1	Supply, Installation, Testing and Commissioning of variable Refrigerant Flow modular type air conditioning system complete with indoor & outdoor units with individual cordless controller as per the following capacities of the IDU and ODU.				
1.1	Supply, Installation, Testing & Commissioning of modular type Variable Refrigerant Flow air cooled Outdoor units suitable for cooling, having all hermetically sealed inverter type Scroll Compressor(s), microprocessor based Controller, top discharge type condensing unit(s), with R 410 A Refrigerant, vibration isolators, with suitable concrete foundation etc. complete as required. The unit shall deliver the rated capacity at AHRI Conditions and work even at 53°C ambient temperature without tripping. The unit shall be suitable to work on 415V +/- 10%, 3 Phase, 50Hz AC power supply. The unit shall be filled with first charge of the refrigerant and ready for use as required. The COP at AHRI conditions shall not be less than 3.8 The capacity of VRF/VRV unit is minimum 220 HP (ODU to be supplied in multiple of VRF/ VRV units, maximum upto 3 type unit sizes)	1	Job	₹ 30,00,000.00	₹ 30,00,000.00
1.2	Supply, installation, testing and commissioning of minimum 4 TR capacity 4-way flow VRF Cassette Type Indoor ceiling mounted Indoor unit equipped with fan section with low noise fan/dynamically balanced blower, multispeed motor, coil section with DX copper coil, electronic expansion valve, outer cabinet, cord less remote control, drain pan, necessary accessories etc., suitable for operation on 230 V ± 10%, 50 Hz, single phase AC supply, complete as required. The unit shall have automatic force shut down provision in case of fire on receiving signal from BMS System. The cooling capacity of indoor unit will be at air inlet conditions of 27 Degree C DB and 19 Degree C WB temperature.	50	Each	₹ 31,907.40	₹ 15,95,370.00
2	Supply, Installation, testing and commissioning including vacuumization and Nitrogen testing among following nominal sizes of soft/hard drawn copper refrigerant piping for VRV/VRF system, complete with fittings, with suitable adjustable ring type hanger supports, jointing/brazing including accessories, insulated with Nitrile Rubber Class-O tubular insulation/with Class-O closed cell elastomeric nitrile rubber tubular sleeves sections of specified thickness as given below for Suction and Liquid lines, all accessories as per specifications etc. as applicable for the system :				
2.01	9-11 mm dia (OD) (Soft drawn) with 19 mm thick insulation	350	Metre	₹ 394.90	₹ 1,38,215.00
2.02	12-13 mm dia (OD) (Soft drawn) mm with 19 mm thick insulation	80	Metre	₹ 532.40	₹ 42,592.00
2.03	14-16 mm dia (OD) (Soft drawn) with 19 mm thick insulation	350	Metre	₹ 672.10	₹ 2,35,235.00
2.04	17-20 mm dia (OD) (Hard drawn) mm with 19 mm thick insulation	450	Metre	₹ 807.40	₹ 3,63,330.00
2.05	21-23 mm dia (OD) (Hard drawn) with 19 mm thick insulation	150	Metre	₹ 943.80	₹ 1,41,570.00
2.06	24-26 mm dia (OD) (Hard drawn) with tube thickness 1.2 mm with 19 mm thick insulation	200	Metre	₹ 900.00	₹ 1,80,000.00
2.07	27-29 mm dia (OD) (Hard drawn) with tube thickness 1.2 mm with 19 mm thick insulation	250	Metre	₹ 1,233.10	₹ 3,08,275.00
2.08	30-32 mm dia (OD) (Hard drawn) with tube thickness 1.6 mm with 19 mm thick insulation	70	Metre	₹ 1,340.90	₹ 93,863.00
2.09	33-35 mm dia (OD) (Hard drawn) with tube thickness 1.6 mm with 19 mm thick insulation	30	Metre	₹ 1,873.20	₹ 56,196.00
2.1	36-39 mm dia (OD) (Hard drawn) with tube thickness 1.6 mm with 19 mm thick insulation	100	Metre	₹ 1,950.00	₹ 1,95,000.00
2.11	40-42 mm dia (OD) (Hard drawn) with tube thickness 1.6 mm with 19 mm thick insulation	90	Metre	₹ 2,316.60	₹ 2,08,494.00
2.12	43-45 mm dia (OD) (Hard drawn) with tube thickness 1.6 mm with 19 mm thick insulation	30	Metre	₹ 2,200.00	₹ 66,000.00

[Signature]
12/12/2024
AQM/K-6

Sl.No	Description of Item	Quantity	Units	Rate (Rs.) Excl. GST	Amount (Rs.) Excl. GST
2.13	46-55 mm dia (OD) (Hard drawn) with tube thickness 1.6 mm with 19 mm thick insulation	250	Metre	₹ 2,557.50	₹ 6,39,375.00
3	Supply, Installation, Testing and Commissioning of Refnet Joints & Branch Distributors for Indoor & Outdoor units as applicable to the system design as per OEM recommendation.	52	Each	₹ 3,500.00	₹ 1,82,000.00
4	Providing & fixing rigid UPVC piping complete with fittings, supports as per specifications and pre insulated with 6mm thick closed cell elastomeric nitrile rubber tubular thermal insulation.				
4.1	25 MM Dia	450	Metre	₹ 250.00	₹ 1,12,500.00
4.2	32 MM Dia	400	Metre	₹ 350.00	₹ 1,40,000.00
5	Supplying and drawing 3C x 0.75 Sqmm FRLS PVC shielded copper in the existing surface/ recessed steel/ PVC conduit as required.	1200	Metre	₹ 110.00	₹ 1,32,000.00
6	Supplying and drawing 3C x 1.5 sqmm of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.	1500	Metre	₹ 82.50	₹ 1,23,750.00
7	Supplying and fixing of 25 mm size of Steel conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required.	1500	Metre	₹ 88.00	₹ 1,32,000.00
8	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/submain wiring/ cable as required.	500	Metre	₹ 38.50	₹ 19,250.00
9	Supply of 4 CORE 35 sq.mm. XLPE insulated and PVC sheathed FRLS aluminium conductor armoured Power Cable of 1.1KV grade, confirming to IS 7098, Part-I 1988 with up to date amendments and confirming to technical specifications.	200	Metre	₹ 385.00	₹ 77,000.00
10	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of Upto 35 sq. mm (clamped with 1mm thick saddle) on wall surface as required.	200	Metre	₹ 38.50	₹ 7,700.00
11	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.				
11.01	a) 4 X 35 sq. mm (32mm)	20	Set	₹ 450.00	₹ 9,000.00
12	Supplying and installing following size of perforated Hot Dipped Galvanised Iron cable tray (Galvanisation thickness not less than 50 microns) 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.				
12.1	150 mm width X 50 mm depth X 1.6 mm thickness	350	Metre	₹ 858.00	₹ 3,00,300.00
12.2	300 mm width X 50 mm depth X 1.6 mm thickness	500	Metre	₹ 1,210.00	₹ 6,05,000.00
13	Refrigerant-410a Supply , charging & Leakage testing of refrigerant - 410a in additional copper piping circuit.	150	Kg	₹ 900.00	₹ 1,35,000.00
14	Lifting/lowering & shifting of ODUs & IDUs as per site requirement.	1	Job	₹ 50,000.00	₹ 50,000.00
15	Supplying and fixing 12 way double door, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)	4	Job	₹ 2,750.00	₹ 11,000.00
16	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.	40	Job	₹ 165.00	₹ 6,600.00
17	Supplying and fixing following rating, double pole, 240/415 volts, 10KA,"C" curve miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. a) Double Pole, 63 Amp	4	Job	₹ 3,850.00	₹ 15,400.00
18	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required. a) Blanking plate	8	Job	₹ 100.00	₹ 800.00
19	Supply and fixing of single skin rectangular Inline fan having dia 260 mm with forward Curved SISW single phase Fan class-F ,IP-44 at Bagdogra Airport as per technical specification.	4	Job	₹ 22,500.00	₹ 90,000.00
20	Supply and fixing of single skin rectangular Inline fan having dia 280 mm with forward Curved SISW single phase Fan class-F ,IP-44 at Bagdogra Airport as per technical specification.	8	Job	₹ 28,500.00	₹ 2,28,000.00

Handwritten signature
12/12/2024
AGM(EE)

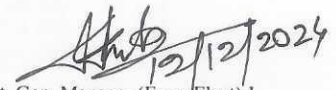
Sl.No	Description of Item	Quantity	Units	Rate (Rs.) Excl. GST	Amount (Rs.) Excl. GST
21	SITC of outdoor type LT Panel, made out of 14 SWG CRCA sheet steel double door, totally enclosed, IP-55, protection free standing, floor mounting, dust and vermin proof, compartmentalized, powder coated painting suitable for operation on 3 Phase and neutral, 415V, 50 Hz AC supply system with bus bars extensible on both sides, entire panel shall have a common Copper earth bus bar of size 25 mm x 6 mm at the rear with 2 Nos. earth stud, interconnections with suitable size of copper leads/ solid aluminium strips. (Panel shall conform to IEC 61439 & of Form-4b construction).				
21.01	Incomer:				
21.02	02 No. MCCB, 400 Amps, 4 pole, 35 kA (Ics=100% Icu) with adjustable setting, microprocessor release with O/C & S/C protection.				
21.03	01 No. MCCB, 400 Amps, 4 pole, 35 kA (Ics=100% Icu) with adjustable setting, microprocessor release with O/C & S/C protection as Bus Coupler				
21.04	Busbars				
21.05	4P aluminum bus bars of minimum 600 A capacity with heat shrinkable coloured sleeves i/c SMC bus bars supports at required intervals complete for cross section, size supports & their spacing etc. for withstanding fault level of 35 KA for 1 sec.				
21.06	Instruments & accessories:				
21.07	2 No. 96 mm x 96 mm digital type Voltmeter suitable range for 3phase,4 wire operation with LED display and selector switch backup by 3 nos of 2Amp MCB.				
21.08	2 No.96 mm x 96 mm digital type Ammeter for 3 phase 4 wire operation with LED display and selector switch and CT's				
21.09	2 Set of LED type phase indicating lamps (RYB) and 3 set LED type Indicating lamps for ON-OFF controlled by 2Amp MCBs .				
21.1	4 Pole SPD's of type 2 class C with both the Incomer.				
21.11	3 Set Rotary operating mechanism and terminal extension spreaders with door interlock for all the MCCB's.				
21.12	Mechanical & Electrical Interlocking system for Incomer & Bus Coupler.				
21.13	Outgoing:				
21.14	06 Nos MCCB(Ics=100% Icu), 100 Amps, 4 Pole, min 25 kA with adjustable setting , Thermal Magnetic release shall have Variable Thermal (O/L) & Variable Magnetic (S/C) protection,including connections etc as required with LED type ON-OFF Indicating lamp controlled by 2Amp MCBs .	1	Job	₹ 4,00,000.00	₹ 4,00,000.00
22	SITC of outdoor type totally enclosed double door junction box having IP-55 protection, made out of 14 SWG CRCA sheet steel ,free standing, floor mounting with angle supports, dust and vermin proof, powder coated painting includes 4P aluminum bus bars of minimum 200 A capacity with heat shrinkable coloured sleeves i/c SMC/DMC bus bars supports at required intervals complete for cross section, size supports & their spacing etc. for withstanding fault level of 35 KA for 1 sec. Provision of 04 nos. 4P, 63 amp MCB should there as outgoing, interconnected with bus bar with 10 sq.mm size copper leads suitable for operation on 3 Phase and neutral, 415V, 50 Hz AC supply system with 2 Nos. earth stud, etc complete as required.	3	Job	₹ 55,000.00	₹ 1,65,000.00
23	To execute the work opening and closing of desired number of existing 2X2 mettalic false celing and cutting of false celing to fix cassete IDUs. All the false celing need to be fixed with professional civil man power as required suitable as per site requirement.	1	Job	₹ 25,000.00	₹ 25,000.00
24	Dismantling of existing 160 TR package AC unit along with Indoor package Unit,ODU, GI Ducting,connection piping ,cable etc and keeping in AAI store in AAI premises as per the direction of EIC complete as required.	1	Job	₹ 25,000.00	₹ 25,000.00
25	Supply of 3.5 core x 240 sqmm XLPE insulated and PVC sheathed aluminium conductor armoured Power Cable of 1.1 KV grade, confirming to IS 7098, Part-I 1988 with up to date amendments and confirming to technical specifications.(The outer sheath shall be FRLS.)	250	Meter	₹ 805.00	₹ 2,01,250.00
26	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of size Above 185 sq. mm and upto 400 sq. mm (clamped with 40x3mm MS flat clamp) on wall surface as required.	230	Meter	₹ 150.00	₹ 34,500.00


 12/12/2024
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Sl.No	Description of Item	Quantity	Units	Rate (Rs.) Excl. GST	Amount (Rs.) Excl. GST
27	Supplying and making end termination with brass compression gland and aluminium lugs for 3.5 core x 240 sqmm of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.	4	Set	₹ 1,500.00	₹ 6,000.00
28	Supplying and drawing of 3 x 10 sq.mm size FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.	100	Meter	₹ 330.00	₹ 33,000.00
29	Supplying and making straight through joint with heat shrinkable kit including ferrules and other jointing materials for 3.5C x 240 sq.mm. size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.	2	Set	₹ 3,675.00	₹ 7,350.00
30	Providing and fixing of 4Pole, 630A, 50 KA (Ics=100% Icu) MCCB with adjustable setting, microprocessor release with O/C & S/C protection along with rotary handle in the existing cubicle panel boards (i/c. necessary modification) including provision of suitable size bus bar extensions / arrangements with providing digital KWH Meter with maximum demand load and current display RS485 module of class-0.5 accuracy with suitable range of cast resin CT including making connections etc as required. 3 Nos of LED type phase indicating lamps (RYB) with 2Amp MCBs should be provided in panel board compartment complete as required.	2	Job	₹ 1,65,000.00	₹ 3,30,000.00
31	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	50	Meter	₹ 150.00	₹ 7,500.00
Total SH - I					₹ 1,08,75,415.00
SH II - AICMC of VRT/VRF AC's.					
32	All Inclusive Comprehensive Maintenance Contract (AICMC) of above VRF/VRV AC System for 5 years (after defect liability period of 2 years) as per the direction of EIC complete as required.				
32.1	Year - 1 (5.34% of SITC cost)	1	Job	₹ 5,80,747.16	₹ 5,80,747.16
32.2	Year -2 (5.00% cumulative enhancement on Year - 1 AICMC cost)	1	Job	₹ 6,09,784.52	₹ 6,09,784.52
32.3	Year-3 (5.00% cumulative enhancement on Year - 2 AICMC cost)	1	Job	₹ 6,40,273.75	₹ 6,40,273.75
32.4	Year -4 (5.00% cumulative enhancement on Year - 3 AICMC cost)	1	Job	₹ 6,72,287.43	₹ 6,72,287.43
32.5	Year -5 (5.00% cumulative enhancement on Year - 4 AICMC cost)	1	Job	₹ 7,05,901.80	₹ 7,05,901.80
Total SH - II					₹ 32,08,994.66
SH III - Day to Day Operation of VRF/VRV AC's.					
33	Annual Operation Contract of complete VRF/VRV AC System through engaging one Skilled AC Operator & Two Sem-skilled per day at site for 365 days for the daily operation of VRF/VRV AC system including minor maintenance and rectification of the system and daily recording of log-books, etc complete as required. [The Manpower engaged for the said job shall be paid by OEM following Minimum Wages and compliance of statutory norms (like EPF, ESIC & Bonus etc) as per Govt. regulations up to date. Difference of minimum wages i/c EPF, ESIC & Bonus will be reimbursed by AAI on actual basis as per submission of documentary evidence]				
33.1	Year - 1 (7.52% of SITC cost)	1	Job	₹ 8,17,831.21	₹ 8,17,831.21
33.2	Year-2 (0.06% cumulative enhancement on Year - 1 Operation cost)	1	Job	₹ 8,18,321.91	₹ 8,18,321.91
33.3	Year-3 (0.06% cumulative enhancement on Year - 2 Operation cost)	1	Job	₹ 8,18,812.90	₹ 8,18,812.90
33.4	Year-4 (0.06% cumulative enhancement on Year - 3 Operation cost)	1	Job	₹ 8,19,304.19	₹ 8,19,304.19
33.5	Year-5 (0.06% cumulative enhancement on Year - 4 Operation cost)	1	Job	₹ 8,19,795.77	₹ 8,19,795.77
33.6	Year-6 (0.06% cumulative enhancement on Year - 5 Operation cost)	1	Job	₹ 8,20,287.65	₹ 8,20,287.65
33.7	Year-7 (0.06% cumulative enhancement on Year - 6 Operation cost)	1	Job	₹ 8,20,779.82	₹ 8,20,779.82
Total SH - III					₹ 57,35,133.45
Total SH - (I+II+III)					₹ 1,98,19,543.11
Say (Excluding GST)					₹ 1,98,19,543.00

(Total Amount Rupees One Crore Ninety Eight Lakhs Nineteen Thousand Five Hundred and Forty Three Only)

* Note: GST will be paid on production of actual Tax Invoice as per prevailing rates Govt. Of India


 Asstt. Gen. Manager (Engg-Elect)-I
 AAI, Bagdogra Airport
 Bagdogra-734421