



AIRPORTS AUTHORITY OF INDIA

मार्च 2023 INDIA

संख्या: भा0वि0प्रा0/वारा0/सं.म.प्र.अभि0(विद्युत)/558/W-3/2024-25/10339-46
Ref :- AAI/VNS/JGM Engg.(E)/558/W-3/2024-25/

दिनांक: 30.07.2024
Date : 30.07.2024

5835-42

सेवा में,

मेसर्स सुपरटेक इंजीनियर्स,
ई-2/216, भूतल, शिव राम पार्क,
नियर लक्की गार्डन, नागलोई,
नई दिल्ली-110041.

To,

M/s SUPERTECH ENGINEERS,
E-2/216, Ground Floor, Shiv Ram Park,
Near Lucky Garden, Nangloi,
New Delhi-110041.

कार्य का नाम:-

लाल बहादुर शास्त्री अंतर्राष्ट्रीय हवाई अड्डा, वाराणसी में 3x500 टी.आर.
एचवीएसी सिस्टम, पैकेज, रूम एयर कंडीशनर और वाटर कूलर का
एसीएमसी और संचालन (2024-26).

Name of work:-

ACMC and Operation of 3x500TR HVAC Systems, Package, Room
Air-conditioners & Water Coolers at LBSI Airport Varanasi (2024-
26).

संदर्भ:-ई-निविदा (2024 AAI 194668_1) खोलने का दिनांक 12.06.2024

Ref:- Tender ID (2024_AAI_194668_1) opened on 12.06.2024

महोदय/ Dear Sir,

- उपरोक्त कार्य के लिए रुपये 2,33,86,555.00 (जीएसटी रहित) (रुपये दो करोड़ तैंतीस लाख छियासी हजार पांच सौ पचपन मात्र) की मद दर निविदा, जो कि कार्य की अनुमानित लागत रुपये 2,84,06,120.00 (रुपये दो करोड़ चौरासी लाख छः हजार एक सौ बीस मात्र) से 17.67% (सत्रह दशमलव छः सात प्रतिशत) कम है, आपके द्वारा निविदा प्रपत्र में दर्शायी गयी मद दरों पर भरी गई है, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत की जाती 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. 2,33,86,555.00 (excluding GST) (Rupees Two Crores, Thirty Three Lacs, Eighty Six Thousand, Five Hundred and Fifty Five Only) which is 17.67% (Seventeen Point Six Seven Percent) below the Estimated cost of Rs. 2,84,06,120.00 (Rupees Two Crores, Eighty Four Lacs, Six Thousand, One Hundred and Twenty Only).

- संयुक्त महाप्रबन्धक (अभि0-वि0) भा.वि.प्रा., लाल बहादुर शास्त्री अन्तरराष्ट्रीय हवाई अड्डा, वाराणसी इस कार्य के कार्य प्रभारी अभियन्ता होंगे तथा सहायक महाप्रबन्धक (अभि0-वि0)/प्रबन्धक (अभि0-वि0). उनके प्राधिकृत प्रतिनिधि होंगे। आपसे अनुरोध है कि दिनांक 12.08.2024 तक संयुक्त महाप्रबन्धक (अभि0-वि0), के कार्यालय में उपस्थित होकर संविदा अनुबन्ध को हस्ताक्षरित कर पूर्ण करें। अनुबन्ध 100/-रुपए के गैर न्यायिक स्टाम्प पेपर पर सम्पादित किया जाएगा, स्टाम्प पेपर की कीमत आपके द्वारा वहन की जाएगी।

Jt. General Manager (Engg.-E) AAI, LBSI Airport, Varanasi shall be the Engineer-in-charge of the work and Asst. General Manager (Engg.- E)/Manager (E-E), shall be the authorized representative of Engineer-in- charge. You are requested to attend the office of Jt. General Manager Engg. (E) AAI, LBSI Airport, Varanasi by 12.08.2024 to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs.100.00 (Rupees One Hundred Only) and the cost of the stamp paper shall be borne by you.

शेष पृष्ठ 2 पर....



3. निविदा के साथ प्राप्त बयाना राशि रुपये 5,68,122.00 (रुपये पांच लाख अड़सठ हजार एक सौ बाईस मात्र) संविदा प्रपत्र के अनुच्छेद अनुसार प्रतिभूति निक्षेप राशि का हिस्सा मानकर उसमें बदल दिया जाएगा। कृपया शेष प्रतिभूति निक्षेप राशि रुपये 17,70,534.00 (रुपये सत्रह लाख सत्तर हजार पांच सौ चौतीस मात्र) इस पत्र के निर्गत दिनांक से दस दिनों के भीतर जमा करें अन्यथा उक्त धनराशि की कटौती संविदा प्रपत्र की पृष्ठ संख्या 16 के शर्त संख्या 1ए के अनुसार चालू लेखा बिलो से की जाएगी।

The earnest money amount of **Rs. 5,68,122.00** (Rupees Five Lacs, Sixty Eight Thousand, One Hundred and Twenty Two Only) received along with your tender will be treated and converted as a part of Security Deposit. Please deposit **Rs. 17,70,534.00** (Rupees Seventeen Lakhs, Seventy Thousand, Five Hundred and Thirty Four Only) towards balance Security Deposit within 10 days from the date of issue of this letter, failing which, the same will be deducted from your running bill as per conditions of clause no. 1A on page 16 of Clause of Contract of contract document.

4. ठेकेदार द्वारा वैधानिक प्राधिकारियों को भुगतान की गई ईएसआई और ईपीएफ राशि (ठेकेदार का अंशदान और प्रशासनिक शुल्क) तैनात जनशक्ति को भुगतान की गई न्यूनतम मजदूरी में अंतर और बोनस राशि (जहां भी लागू हो) की प्रतिपूर्ति दस्तावेजी साक्ष्य प्रस्तुत करने पर वास्तविक आधार पर की जाएगी, जैसा कि अनुबंध की विशेष शर्तों में उल्लिखित है।

ESI & EPF amount (contractor's contribution & administrative charges) paid to the statutory authorities by the contractor, difference in minimum wages and bonus amount paid to the deployed manpower (wherever applicable) shall be reimbursed on actual basis on submission of documentary evidence, as mentioned in Special Conditions of Contract.

5. आपसे अनुरोध है कि संविदा श्रमिक प्रावधान (विनिमय एवं उन्मूलन) एक्ट 1970, श्रमिक प्रावधान (विनिमय एवं उन्मूलन)-केन्द्रीय नियम 1971, न्यूनतम मजदूरी अधिनियम एवं इस सम्बन्ध में केन्द्र/राज्य सरकार के नियमों का पालन करना सुनिश्चित करें।

You are requested to comply with the provisions of Contract Labour (Regulation and Abolition) Act 1970 and Contract Labour (Regulation and Abolition) Central rules 1971 and minimum wages act and rules thereof Central and State Governments with upto date amendments.

6. आपको निर्देशित किया जाता है कि आप तुरन्त प्रभाव से सहायक महाप्रबन्धक (अभि0-वि0), भा.वि. प्रा., लाल बहादुर शास्त्री अन्तरराष्ट्रीय हवाई अड्डा, वाराणसी से सम्पर्क करें जो आपको कार्यस्थल सौपने की व्यवस्था करेंगे।

You are also directed to contact Asstt. General Manager (Engg.-E), AAI, LBSI Airport, Varanasi immediately who will arrange to hand over the site to you.

7. कृपया ध्यान दें कि कार्य पूर्ण करने की अवधि चौबीस (24) माह है जो कि दिनांक 13.08.2024 से प्रभावी मानी जाएगी।

Please note that the time allowed for carrying out the work period is **Twenty Four (24) Months** and the same shall be reckoned from dated 13.08.2024.

8. संविदा के सन्दर्भ में किसी भी प्रकार का पत्राचार सामान्यतः संयुक्त महाप्रबन्धक (अभि0-वि0), भा.वि. प्रा., लाल बहादुर शास्त्री अन्तरराष्ट्रीय हवाई अड्डा, वाराणसी को सम्बोधित करें।

Any further correspondence in connection with the contract should normally be addressed to the **Jt. General Manager (E-E), AAI, Lal Bahadur Shastri International Airport, Varanasi.**

9. कृपया इस पत्र की पावती भेजें एवं पत्र कि अनुलिपि जो कि संलग्न है को हस्ताक्षरित कर अधोहस्ताक्षरी को स्वीकृत चिन्ह के रूप में वापस करें।

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.

शेष पृष्ठ 3 पर



10. उपरोक्त के हिन्दी पाठ में कोई अन्तर या द्विधार्थकता होने की स्थिति में अंग्रेजी पाठ मान्य होगा।

In case of difference or ambiguity in Hindi and English version, the English version will prevail.

धन्यवाद।

संलग्नक- यथोपरि

Encl:- As above

भवदीय,

कृते अध्यक्ष 3/8/2024

संयुक्त महाप्रबंधक (अभि0-विद्युत)

For and on behalf of the chairman, AAI
Jt. General Manager (Engg,-E)

LBSI Airport Varanasi (2024-26).

S. N.	Description of Items	Unit	Qty	Rate	Amount
1	Operation and routine maintenance of water cooled chiller HVAC system 3x500TR including AHUs & Cooling Tower/ VRF system at ATS Block & Medical Centre/Various pumps of WTP/ STP installation/ Package AC including maintenance of records/logbook/ documents etc all days including Saturday, Sunday and holidays as per tender specifications, terms & conditions by supplying to following minimum number of man power. (a) Supervisor -Highly Skilled - 01 Nos. (i.e. 01 No. in general shift on 06 days in every week excluding reliever for supervision of HVAC, VRF, package AC, WTP, STP etc.) (b) AC mechanic - Skilled - 03 Nos. (ie 01 No. round the clock on all days in every week for operation & maintenance of chiller, , Reliever shall be provided on weekly off.). (c) Operator - Semi Skilled - 15 Nos. (ie 01 No. round the clock on all days in every week for operation & maintenance of AHU ,01 No. round the clock on all days in every week for operation & maintenance of WTP ,01 No. round the clock on all days in every week for operation & maintenance of STP and 01 number in general shift for operation of STP, 01 No. round the clock on all days in every week for operation & maintenance of package AC & VRF ductable unit at MSSR, 01 No.in each shift for ATS Block & Medical Centre VRF maintenance for 2 shift & Reliever shall be provided on weekly off. (d) Helper - Unskilled - 03 Nos. (i.e. 01 No. round the clock on all days in every week for HVAC, Reliever shall be provided on weekly off).	Month	24.00	538700.00	12928800
2	Annual all inclusive comprehensive Maintenance contract of Central AC Plant (HVAC) for 3x500TR (make: McQuay) Centrifugal Chiller type comprising of 3 No Cooling Tower (make: Advance) and 1No Cooling Tower (make: Bell) with make-up tank; Associated pumps as condenser water pump 03 No(40HP), primary water pump 03No (25HP),Secondary water pump12 Hr 03No(25HP), Secondary water pump 24Hr (15HP) with 06 No VFD with Secondary Pumps ; Hot water generator of 400KW (01 No) with in build panel for 8 zones ; Air Handling Unit (Floor Mounted) 19no up to 100Tr and min 50Tr capacity with 08 No VFDs; Ceiling Suspended Air handling unit 17 No up to 3 to 5 Tr with electrical starter panel in each HRU 03 No of 4250 CMH,4675 CMH,2754 CMH with their electrical panels ; AC Risers 83 No With Nozzles with respective AHUs ;Ozone System of 06No of make: Ruks Canada Ltd ; Electrical Panel in Plant Room P1 , P2 and P3 for the operation of Chillers, Hot water generator and all associated pumps ; Water Softening plant its Electrical panel and pumps. Above system complete including chiller pipe line , AC Duct , grills diffusers , Valves etc. complete as required related with HVAC System .(The supply of consumable spares as mentioned in Item-35 to 38 is not included in the scope of this item however installation and satisfactory working of equipment covers in this items.)	Month	24.00	108350.00	2600400
3	Annual Comprehensive periodical maintenance of Daikin Make VRF System installed at New ATC Tower ,Technical Block and Substation having total of 143 Nos. VRF indoor units including ductable, high wall and Cassette units of different capacities. Total of Outdoor Units clubbed in 3 or 2 units together = 12 sets of total capacity of ODU = 492 HP. Maintenance work is inclusive of all spares required for repair, maintenance & operation as per manufacturer schedule, servicing including routine preventive maintenance, breakdown maintenance including repair/replacement of compressor, electronic circuit board, mechanical equipment, safety controls and instrumentations, gas charging, fan , fan motors, thermal Insulation, drain pumps, remote control console/units etc. ensuring serviceability/ satisfactory working condition of the system, maintenance of records/documentation etc. as per tender conditions covered under this contract on all days including Saturday,Sunday & holiday etc. as required.	Month	24.00	159215.00	3821160
4	Annual comprehensive maintenance of following air-conditioners of different makes of different locations including providing and replacing all necessary consumables, spares, including compressors and refrigerant etc. complete as required as per special condition including CMC of voltage stabilizers, wherever connected etc. as required. (upto 1.5 TR Window/split AC) (1st Year)	Each/A nnum	57.00	1150.00	65550
5	Annual comprehensive maintenance of following air-conditioners of different makes of different locations including providing and replacing all necessary consumables, spares, including compressors and refrigerant etc. complete as required as per special condition including CMC of voltage stabilizers, wherever connected etc. as required. (2TR split/Cassette AC) (1st Year)	Each/A nnum	115.00	1250.00	143750
6	Annual comprehensive maintenance of following air-conditioners of different makes of different locations including providing and replacing all necessary consumables, spares, including compressors and refrigerant etc. complete as required as per special condition including CMC of voltage stabilizers, wherever connected etc. as required. (3.0 TR Split type AC)(1st Year)	Each/A nnum	4.00	1300.00	5200

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	consumables, spares, including compressors and refrigerant etc. complete as required as per special condition including CMC of voltage stabilizers, wherever connected etc. as required. Outdoor unit-7.5 TR (3 x 2.5 TR unit)-02 Each, and indoor unit-05 Each Mega Split type AC)(1st Year)	Job/An num	1.00	15000.00	15000
8	Annual Comprehensive Maintenance of water coolers of all type, makes and capacities with providing necessary consumables, spares, compressors and refrigerant etc. complete as required as per special condition including CMC of voltage stabilizers wherever connected etc. complete as required. (1st Year)	Each/A nnum	26.00	1550.00	40300
9	Annual Comprehensive Maintenance of water purifiers of aqua guard make including replacement of all defective components like UV lamp etc. and consumables and carrying out bimonthly servicing at installed position etc. complete as required. (The supply of consumable spares filters as mentioned in item no-51 is not included in the scope of this item however installation and satisfactory working of equipment covers in this items.) (1st Year)	Each/A nnum	2.00	2500.00	5000
10	Annual Comprehensive Maintenance of RO, up to 50 Liter capacity including replacement of all defective components and carrying out bimonthly servicing at installed position etc. complete as required. (The supply of consumable spares membrane and filters as mentioned in item no-50,51 is not included in the scope of this item however installation and satisfactory working of equipment covers in this items.) (1st Year)	Each/A nnum	25.00	2250.00	56250
11	Annual Comprehensive Maintenance of RO, above 50 up to 100 Liter capacity including replacement of all defective components and carrying out bimonthly servicing at installed position etc. complete as required. (The supply of consumable spares membrane and filters as mentioned in item no-50,51 is not included in the scope of this item however installation and satisfactory working of equipment covers in this items.) (1st Year)	Each/A nnum	2.00	2450.00	4900
12	All inclusive comprehensive maintenance of following capacity VRV inverter ductable air-conditioning plants including replacing defective components, carrying out preventive & breakdown maintenance like arresting of leakage, topping up of refrigerant gas, lubrication, rewinding/ replacing of all type of motors, repairing/ replacing of compressors, repairing / replacing of electrical components etc and other works required from time to time for proper maintenance of units including maintenance of records as per terms and condition all days including Sundays and holidays. (MSSR 3 Units each of 2X8TR capacity) (1st Year)	Job/Mo nth	12.00	1350.00	16200
13	Annual all inclusive Comprehensive Maintenance Contract of 20HP VRV air-conditioning system installed at conference room & adjacent offices in NTB including 2X 10HP Outdoor units, 7X 2TR cassette type indoor units, makes-Daikin including compressor and providing all necessary consumables, refrigerant Gas, piping, cabling etc., complete as per site requirement and special conditions and General terms and conditions of contract as required. (1st Year)	Job/Mo nth	12.00	1085.00	13020
14	Annual all inclusive Comprehensive Maintenance Contract of 36HP VRV air-conditioning system installed in passenger boarding bridge fixe link (1X 18 HP-02 set Outdoor units model no-JRUN180LLS4, 4X 3TR-02Set cassette type indoor units model number-RNU36GTNA4 , makes-LG) including compressor and providing all necessary consumables, refrigerant Gas, cu piping ,cabling etc., complete as per site requirement.(1st Year)	Job/Mo nth	12.00	1950.00	23400
15	Annual all inclusive Comprehensive Maintenance Contract of 40HP VRV air-conditioning system installed in passenger boarding bridge fixe link (1X 20HP-02 set Outdoor units model no-JRUN200LLS4, 4X 3TR-02Set cassette type indoor units model number-RNU36GTNA4 , makes-LG) including compressor and providing all necessary consumables, refrigerant Gas, cu piping ,cabling etc., complete as per site requirement (1st Year)	Job/Mo nth	12.00	2170.00	26040
16	Annual all inclusive Comprehensive Maintenance Contract of 36HP VRV air-conditioning system installed in New Fire Station Medical Centre (3X 12 HP Outdoor units, Model No.-MAP1206HT8D-XA,cassette type indoor units 9X 2 TR, Model No.- MMU-UP0241HP-E & 3X1.5 TR, Model No.-MMU-UP0181HP-E make-Toshiba) including compressor and providing all necessary consumables, refrigerant Gas, cu piping ,cabling etc., complete as per site requirement.(1st Year)	Job/Mo nth	12.00	1950.00	23400
17	Annual all inclusive Comprehensive Maintenance Contract of cold storage 40000 BTU-02 set make blue star by providing quarterly visit and any number of break down as and when required including replacing/repairing compressor, condenser coil, temperature controller and providing all necessary consumables, refrigerant Gas, cu piping ,cabling etc., complete as per site requirement.(1st Year)	Job/Mo nth	12.00	5850.00	70200

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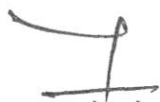
	maintain one at higher level another level level to match disability compliance make OASIS/Haws/WAE including replacement of all defective components and carrying out bimonthly servicing at installed position etc. complete as required. (The supply of consumable spares membrane and filters as mentioned in item no-51,51 is not included in the scope of this item however installation and satisfactory working of equipment covers in this items.) (1st Year)	Job/An num	12.00	4500.00	54000
19	Annual comprehensive maintenance of following air-conditioners of different makes of different locations including providing and replacing all necessary consumables, spares, including compressors and refrigerant etc. complete as required as per special condition including CMC of voltage stabilizers, wherever connected etc. as required. (upto 1.5 TR Window /split AC) (2nd Year)	Each/A nnum	57.00	1200.00	68400
20	Annual comprehensive maintenance of following air-conditioners of different makes of different locations including providing and replacing all necessary consumables, spares, including compressors and refrigerant etc. complete as required as per special condition including CMC of voltage stabilizers, wherever connected etc. as required. (2TR split/Cassette AC)(2nd Year)	Each/A nnum	115.00	1300.00	149500
21	Annual comprehensive maintenance of following air-conditioners of different makes of different locations including providing and replacing all necessary consumables, spares, including compressors and refrigerant etc. complete as required as per special condition including CMC of voltage stabilizers, wherever connected etc. as required. (3.0 TR Split type AC)(2nd Year)	Each/A nnum	4.00	1350.00	5400
22	Annual comprehensive maintenance of following air-conditioners of different makes of different locations including providing and replacing all necessary consumables, spares, including compressors and refrigerant etc. complete as required as per special condition including CMC of voltage stabilizers, wherever connected etc. as required. Outdoor unit-7.5 TR (3 x 2.5 TR unit)-02 Each, and indoor unit-05 Each Mega Split type AC)(2nd Year)	Job/An num	1.00	4200.00	4200
23	Annual Comprehensive Maintenance of water coolers of all type, makes and capacities with providing necessary consumables, spares, compressors and refrigerant etc. complete as required as per special condition including CMC of voltage stabilizers wherever connected etc. complete as required. (2nd Year)	Each/A nnum	26.00	1600.00	41600
24	Annual Comprehensive Maintenance of water purifiers of aqua guard make including replacement of all defective components like UV lamp etc. and consumables and carrying out bimonthly servicing at installed position etc. complete as required.(The supply of consumable spares filters as mentioned in item no-51 is not included in the scope of this item however installation and satisfactory working of equipment covers in this items.). (2nd Year)	Each/A nnum	2.00	1600.00	3200
25	Annual Comprehensive Maintenance of RO, up to 50 Liter capacity including replacement of all defective components and carrying out bimonthly servicing at installed position etc. complete as required. .(The supply of consumable spares membrane and filters as mentioned in schedule- 50,51 is not included in the scope of this item however installation and satisfactory working of equipment covers in this items.) (2nd Year)	Each/A nnum	25.00	2350.00	58750
26	Annual Comprehensive Maintenance of RO, above 50 up to 100 Liter capacity including replacement of all defective components and carrying out bimonthly servicing at installed position etc. complete as required. (The supply of consumable spares membrane and filters as mentioned in item no-50,51 is not included in the scope of this item however installation and satisfactory working of equipment covers in this items.) (2nd Year)	Each/A nnum	2.00	2450.00	4900
27	All inclusive comprehensive maintenance of following capacity VRV inverter duct able air-conditioning plants including replacing defective components, carrying out preventive & breakdown maintenance like arresting of leakage, topping up of refrigerant gas, lubrication, rewinding/ replacing of all type of motors, repairing/ replacing of compressors, repairing / replacing of electrical components etc. and other works required from time to time for proper maintenance of units including maintenance of records as per terms and condition all days including Sundays and holidays. (MSSR 3 Units each of 2X8TR capacity) (2nd Year)	Job/Mo nth	12.00	1400.00	16800
28	Annual all inclusive Comprehensive Maintenance Contract of 20HP VRV air-conditioning system installed at conference room & adjacent offices in NTB including 2X 10HP Outdoor units, 7X 2TR cassette type indoor units, makes-Daikin including compressor and providing all necessary consumables, refrigerant Gas, piping, cabling etc., complete as per site requirement and special conditions and General terms and conditions of contract as required.(2nd Year)	Job/Mo nth	12.00	1100.00	13200

30/07/2024
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	02 set Outdoor units model no-JRUN180LLS4, 4X 3TR-02Set cassette type indoor units model number-RNU36GTNA4 , makes-LG) including compressor and providing all necessary consumables, refrigerant Gas, cu piping ,cabling etc., complete as per site requirement.(2nd Year)	Job/Month	12.00	1950.00	23400
30	Annual all inclusive Comprehensive Maintenance Contract of 40HP VRV air-conditioning system installed in passenger boarding bridge fixe link (1X 20HP-02 set Outdoor units model no-JRUN200LLS4, 4X 3TR-02Set cassette type indoor units model number-RNU36GTNA4 , makes-LG) including compressor and providing all necessary consumables, refrigerant Gas, cu piping ,cabling etc., complete as per site requirement (2nd Year)	Job/Month	12.00	2200.00	26400
31	Annual all inclusive Comprehensive Maintenance Contract of 36HP VRV air-conditioning system installed in New Fire Station Medical Centre (3X 12 HP Outdoor units, Model No.-MAP1206HT8D-XA,cassette type indoor units 9X 2 TR, Model No.- MMU-UP0241HP-E & 3X1.5 TR, Model No.-MMU-UP0181HP-E make-Toshiba) including compressor and providing all necessary consumables, refrigerant Gas, cu piping ,cabling etc., complete as per site requirement. (2nd Year)	Job/Month	12.00	1200.00	14400
32	Annual all inclusive Comprehensive Maintenance Contract of cold storage 40000 BTU-02 set make blue star by providing quarterly visit and any number of break down as and when required including replacing/repairing compressor, condenser coil, temperature controller and providing all necessary consumables, refrigerant Gas, cu piping ,cabling etc., complete as per site requirement.(2nd Year)	Job/Month	12.00	2050.00	24600
33	Annual Comprehensive Maintenance of drinking fountain with chilling water fountain one at higher level annotate lower level to match disability compliance make OASIS/Haws/WAE including replacement of all defective components and carrying out bimonthly servicing at installed position etc. complete as required. (The supply of consumable spares membrane and filters as mentioned in item no-50,51 is not included in the scope of this item however installation and satisfactory working of equipment covers in this items.) (2nd Year)	Job/Annun	12.00	2300.00	27600
34	Cleaning of the solar module regularly two cycle in a month including minor repairing of Tulu pump and monitoring of 600 KWp (500KWp+100KWp)Grid Connected Roof Top Mounted Solar Photo Voltaic Power Plant by deploying minimum one number unskilled man power in general shift excluding weekly off including maintaining records as per special conditions of the contract and as per direction of E-I-C. (Consumables cleaning material like wiper duster, PVC flexible pipe etc. are to be provided by the agency. The Solar module are under warrantee whereas inverter to be maintained by OEM. The agency has to liaison with OEM for repairing/replacement of defective parts).	Month	24.00	20000.00	480000
35	Supply of Spares for HVAC not include in CMC item No. 2 (PVC Fills 600x300x150mm)	Each	4000.00	148.00	592000
36	Supply of Spares for HVAC not include in CMC item No. 2 (Resin 220 NA(O) for softener plant)	Ltr	1000.00	145.00	145000
37	Supply of Spares for HVAC not include in CMC item No. 2 (Salt for softener plant)	Kg	9000.00	9.75	87750
38	Supply of Spares for HVAC not include in CMC item No. 2 (Chlorine for dosing in STP)	Ltr	1000.00	45.00	45000
39	Supply and installation of Copper tubing suitable size up to 3TR split air-conditioning for inlet and out let of refrigerant gas complete with electrical cabling and insulation etc. complete as required	Mtr	150.00	1250.00	187500
40	Supply and installation of 20 mm dia PVC rigid drain pipe i/c all accessories like bends, couplers, tees etc. complete as required.	Mtr	150.00	30.00	4500
41	Supply and fixing of insulation of nitrile rubber in existing Copper tubing for both inlet and outlet of existing installed air conditioner etc. complete as required as per direction of EIC.	Mtr	150.00	130.00	19500
42	Dismantling, of high wall split type Air-conditioning unit shifting, re-installation, testing and commissioning of capacity up to 3.00 TR air-conditioner units fixing of existing refrigerant pipe, insulation & existing flexible copper conductor cable between evaporator and condenser units, topping up refrigerant gas etc. complete as required as per direction of EIC.	Job	20.00	3250.00	65000
43	Rewinding of 10/15 HP motor of submersible pump of (different stages) different makes as per original size of insulated copper wire, sleeves complete with connection ,interconnection etc as required.	Job	3.00	7500.00	22500

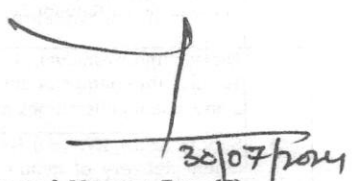
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	of different stages and different makes i/c replacement of bearing bush, neck rings, bowl bush, running sleeve, key full, sand guard complete etc as required.	Job	3.00	8250.00	24750
45	Repairing and rewinding of the existing water pump/ sewerage pump motor of capacity 0.75 HP and up to 3.0 HP by dismantling from its position, transportation to the work shop, bringing back to the Airport after repairing & rewinding, reinstallation the same, including testing and make the system in serviceable condition as required.	Each	4.00	2800.00	11200
46	Repairing and rewinding of the existing blower motor/ filtered feed pump etc. of above 5 HP and up to 7.5 HP by dismantling from its position, transportation to the work shop, bringing back to the Airport after repairing & rewinding and reinstallation the same, including testing and make the system in serviceable condition as required.	Each	2.00	5500.00	11000
47	Testing of treated STP incoming and treated water sample on quarterly basis from reputed Govt. Lab and submission of test reports as per technical specifications.(Rate for Each sample)	Each	16.00	2150.00	34400
48	Dismantling, removal, lowering, reinstalling, testing and commissioning of submersible pumps of different makes & capacities including arranging of tripod stand, chain pulley block etc. as required.	Job	6.00	6500.00	39000
49	Supply of 3.7 KW/ 5.0 HP submersible pump-motor set suitable for discharge 80mm delivery of minimum 250 LPM against static Head 45Mtr consisting of multistage pumps with suitable motor suitable for operation on 415 volt, 50 Hz A/C supply. Pumps and motors must be connected with alignment shafts etc. complete as required.	Each	1.00	47250.00	47250
50	Supply of shield membrane which is not included in CMC of RO as mentioned in item no-10,11,18,25,26 & 33 suitable for Kent/ Aqua guard/OASIS/Haws/WAE up to 100 liter RO capacity etc. complete as required.	Each	260.00	615.00	159900
51	Supply of carbon /sediment filter which is not included in CMC of RO as mentioned in item no-9,10,11,18,24,25,26 & 33 suitable for up to 100 liter RO capacity etc. complete as required	Each	200.00	125.00	25000
52	Drinking water potability test quarterly basis as per Technical Specifications (Rate for Each sample).	Each	16.00	2500.00	40000
53	Supply of consumable urea for equalization tank of STP.	Kg	750.00	8.50	6375
54	Supply of Sand for Sludge drying Bed at STP.	cum	1.60	25000.00	40000
55	Repairing/Replacement of Blower pipe tube at STP with suitable size pipe, elbow,socket and flange complete as required.	Meter	2.00	650.00	1300
56	Supply of Air Blower Filter at STP compatible to existing Air Blower.	Nos.	2.00	6500.00	13000
57	Supplying and Fixing of Three Phase VFD Drive of following rating for chiller plant and AHUs with necessary wiring, programming, testing, commissioning i/c dismantling of existing VFDs etc. complete as required. 15 Hp	Nos.	4.00	55690.00	222760
58	Supplying and Fixing of Three Phase VFD Drive of following rating for chiller plant and AHUs with necessary wiring, programming, testing, commissioning i/c dismantling of existing VFDs etc. complete as required. 20 Hp	Nos.	3.00	69750.00	209250
59	Supplying and Fixing of Three Phase VFD Drive of following rating for chiller plant and AHUs with necessary wiring, programming, testing, commissioning i/c dismantling of existing VFDs etc. complete as required. 25 Hp	Nos.	4.00	79850.00	319400
60	Supplying, laying, fixing, testing & commissioning of MS class 'C' Chilled/ Condenser water piping confirming to IS 1239 Part 'II' of 1979 up to date with insulation and sand, cement mixture plastering and finishing complete with all necessary fittings such as bends, tees, reducers, flanges etc. and supports such as clamps, anti-vibration hangers etc. as per specification. 300 mm dia	Mtr	6.00	8500.00	51000
61	Supplying, laying, fixing, testing & commissioning of MS class 'C' Chilled/ Condenser water piping confirming to IS 1239 Part 'II' of 1979 up to date with insulation and sand, cement mixture plastering and finishing complete with all necessary fittings such as bends, tees, reducers, flanges etc. and supports such as clamps, anti-vibration hangers etc. as per specification. 250 mm dia	Mtr	6.00	6650.00	39900


 30/07/2024
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	Condenser water piping conforming to IS 1239 Part 'II' of 1979 up to date with insulation and sand, cement mixture plastering and finishing complete with all necessary fittings such as bends, tees, reducers, flanges etc. and supports such as clamps, anti-vibration hangers etc. as per specification. 200 mm dia	Mtr	6.00	4850.00	29100
63	Supplying, laying, fixing, testing & commissioning of MS class 'C' Chilled/Condenser water piping confirming to IS 1239 Part 'II' of 1979 up to date with insulation and sand, cement mixture plastering and finishing complete with all necessary fittings such as bends, tees, reducers, flanges etc. and supports such as clamps, anti-vibration hangers etc. as per specification. 150 mm dia	Mtr	6.00	3050.00	18300
	Total				23386555

Amount in words : Two Crores Thirty Three Lacs Eighty Six Thousand Five Hundred Fifty Five Only.


30/07/2024
Jt. General Manager Engg.(E)
AAI, LBSI Airport Varanasi.