



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

Ref. No. AAI/RPR/AGM/ENGG(E)/ARMO/VO-04/2022-23/

Date: 20.06.2022

सेवा में/To,

By Speed Post/E-mail

मेसर्स सिनरियो सुविधा इंडिया प्रा लि.,
301, मारुति विहार, मोहबा बाजार कोटा,
रायपुर (छ.ग.)- 492001,

M/S Shinryo Suvidha Engineers India Pvt
Ltd, 301, Maruti Vihar, Mohba Bazar Kota,
Raipur, Chhattisgarh, 492001

कार्य का नाम:- “एस. वी. हवाई अड्डा, रायपुर में ई एंड एम इंस्टॉलेशन एएआरएमओ का 2022-24। उपशीर्षः एएचयू कूलिंग टॉवर इत्यदि जैसे सहायक प्रतिष्ठानों सहित 3X300 टीआर एसी प्लांट के लिए वार्षिक संचालन और नियमित रखरखाव एवं टॉवर और कैसेट एसी, स्प्लिट टाइप एयर कंडीशनर, वॉटर कूलर और आरओ वॉटर प्यूरिफायर, एएचयूस, यूविजीआई और एओपी सेल सिस्टम यूविजीआई और एओपी सेल सिस्टम इत्यदि का व्यापक रखरखाव अनुबंध।”

Name of work:- " ARMO 2022-24 of E & M Installation at S.V. Airport, Raipur. SH: Annual Operation and routine maintenance contract for 3 X 300 TR Air-conditioning Plant including ancillary installations like AHU, Cooling tower etc. & Comprehensive Maintenance contract of, Tower and Cassette ACs, split type air-conditioners, water coolers & RO water purifier, AHUs, UVGI and AOP Cell System etc."

संदर्भ/Ref:- आपकी ई.निविदा जो 05.05.2022 को खोली गई/ Your e- tender opened on 05.05.2022.

महोदय/ Sir,

1. उल्लिखित कार्य हेतु आपकी ई.निविदा के संबंध में आपके द्वारा उद्धरीत कुल रु. 95,53,684.00 (रुपये पंचानबे लाख तिरपन हजार छः सौ चौरासी मात्र) (जी. एस. टी. रहित), जो कि आंकलन लागत राशि रु. 1,33,54,465.00 (रुपये एक करोड़ तौतिस लाख चौवन हजार चार सौ पैसठ मात्र) (जी. एस. टी. रहित) से (-)28.46 % कम है, को अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है।

Your e-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 of **Rs. 95,53,684.00 (Rupees Ninety Five Lakhs Fifty Three Thousand Six Hundred and Eighty Four Only)** (excluding GST), which is (-)28.46% below the estimated cost put to tender of **Rs. 1,33,54,465.00 (One Crore Thirty Three Lakhs Only)** (excluding GST).

2. सहा. महाप्रबंधक ;अभि-विद्ध, भाविप्रा, स्वामी विवेकानंदा हवाईअड्डा, रायपुर, उपरोक्त कार्य के प्रभारी होंगे। आपसे निवेदन है कि आप सहा. महाप्रबंधक ;अभि-विद्ध भाविप्रा, स्वामी विवेकानंदा हवाईअड्डा, रायपुर, के कार्यालय में दिनांक 01.07.2022 को उपस्थित रहकर हस्ताक्षर करने तथा करार की कार्यवाही पूर्ण करने का कष्ट करें। ठेका करार का निष्पादन एक सौ रूपए मूल्य के गैर अदालती स्टैम्प पेपर पर किया जाएगा तथा स्टैम्प पेपर का खर्च आपके द्वारा वहन किया जाएगा।


Swami (F&E)

AGM Engg (E), AAI, Swami Vivekananda Airport, Raipur, shall be the Engineer – In-charge of the work. You are requested to attend the office of AGM Engg (E) AAI, Swami Vivekananda Airport, Raipur by **01.07.2022** 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.

3. टेका प्रलेख के धाराओं के अनुसार आपके निविदा के साथ प्राप्त धरोहर राशि रुपये **2,67,089.00** (रुपये दो लाख सड़सठ हजार नवासी रुपए मात्र) को जमानत जमा के एक हिस्से के रूप में जमा माना जायेगा। कृपया इस कार्यादेश के जारी होने की तिथि से 10 दिनों के भीतर जमानत जमा के शेष रुपये **6,88,279.00** (रुपये छः लाख अठ्यासी हजार दो सौ उन्चासी रुपए मात्र) इस कार्यालय में जमा कराये अन्यथा यह कॉट्रैक्ट डॉक्युमेंट के धाराओं के अनुसार आपके चलित बिल से काटा जायेगा।

The Earnest Money amount of **Rs. 2,67,089.00 (Rupees Two Lakhs Sixty Seven Thousand and Eighty Nine Only)** received along with your tender will be treated and converted as part of security deposit as per condition of contract document. Please deposit **Rs. 6,88,279.00 (Rupees Six Lakhs Eighty Eight Thousand Two Hundred and Seventy Nine Only)** towards 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 the contract document.

4. आपसे अनुरोध है कि आप टेका श्रमिक ;विनिमय एवं उन्मुलनद्ध अधिनियम 1970 के उपबन्धों का अनुपालन करें। साथ ही टेका श्रमिक ;विनिमय एवं उन्मुलनद्ध केन्द्रीय नियमावली 1971 एवं केन्द्रीय एवं राज्य सरकारों के न्यूनतम वेतन तथा उससे सम्बन्धित अन्य नियमों का पालन करें।

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

5. आपको यह भी निर्देश दिया जाता है कि आप प्रबंधक ;अभि.वि., भाविप्रा, स्वामी विवेकानंद हवाई अड्डा, रायपुर, से अविलम्ब सम्पर्क करें जो आपको कार्यस्थल सौंपेंगे।

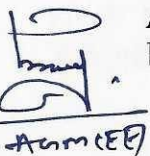
You are also directed to contact Mgr. (Engg-E), AAI, S.V. Airport, Raipur, immediately who will arrange to hand over the site to you.

6. कृपया यह भी नोट कर लें कि निविदा के अनुसार कार्य निष्पादन हेतु अनुगत समय **24 (चौबिस)** महीने है जो कि दिनांक **01.07.2022** से माना जायेगा।

Please note that the time allowed for carrying out the work shall be **24 (Twenty Four)** months and same will be reckoned from **01.07.2022**.

7. इस टेके से संबंधित किसी भी प्रकार के पत्र व्यवहार के लिए कार्य के प्रभारी को संबंधित करेंगे।

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



AGM (EE)



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

8. कृपया इस पत्र कि प्राप्ति सूचना दे तथा इसके साथ संलग्न अनुप्रति पर हस्ताक्षर करके टोकन के प्रतिग्रहण के रूप में अधोहस्ताक्षरी को वापस भेज दें।

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. कार्यआदेश के संबंध में किसी प्रकार की टंकणीय त्रुटि/विसंगति होने पर अंग्रेजी संस्करण मान्य होगा।

With reference to this work order, if in case of any typographical mistake/discrepancy arise, the English version shall be applicable final.

धन्यवाद / Thanking you,
संलग्न / Encl: Schedule

भवदीय / Yours faithfully,

सहा. महाप्रबंधक (अभि-वि). / Asst. Gen. Manager [E-E]
एएआई, स्वामी विवेकानंदा, हवाई अड्डा, रायपुर / AAI, S. V. Airport, Raipur



Airports Authority of India
S. V. Airport, Raipur
Engineering Electrical Wing
BOQ

Name of the Work:- "ARMO 2022-24 of E & M Installation at S.V. Airport, Raipur. SH: Annual Operation and Comprehensive Maintenance of HVAC Plant ACs, Tower and Cassette ACs, split type air-conditioners, water coolers & RO water purifier, UVGI and AOP Cell System"

Item No.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Operation and daily routine maintenance of HVAC system of 3 nos. X 300TR capacity in two shift per day (16 Hrs.) including Sundays & holidays by engaging of manpower as mentioned in the tender terms & conditions. System comprising of chillers cooling towers, all pumps, Terminal building AHU's, LT Panels, Control Panels, VFD's etc. including monitoring, recording of various parameters of HVAC system as per detailed specifications, terms and conditions of agreement as required.	24	Months	2,49,674.00	59,92,176.00
2	Operation of complete HVAC system on hourly basis for covering of additional watch hours between 22:00 Hrs to 06:00 Hrs on all days including Sundays & Holidays as per the instruction of Engineer - In - Charge by engaging the following manpower: Supervisor/ Highly skilled-01 no. Operator cum Technician (Skill)-01 no Helper(Un-Skilled)-02 nos	300	Hrs.	795.00	2,38,500.00
3	Job contract for comprehensive Maintenance of central HVAC System comprising of the following main components. The job includes attending to complaints, repairs/rectifications, supply & replacement of any required spares/accessories/parts consumables, rewinding works, periodic inspections, Schedule/ preventive/breakdown maintenance as per tender terms & conditions for the period of one year as required. (Excluding comprehensive maintenance contract for 3 X 300 Tr. Chillers) Air Handling Unit of different capacity including control panels /instrumentation & all other accessories of following capacity - 33 Nos. Cooling Towers complete - 3 Nos. Primary Chilled Water motorpump sets (15 HP) - 4 Nos. Secondary Chilled Water motorpump sets (40 HP) - 3 Nos. Condenser motorpump sets(30 HP) - 4 Nos. Makeup water motorpump set (3 HP) & starter panel and associated accessories-1 set VFD Drive for secondary motorpump sets-3 Nos. 2 kVA UPS (Numeric make) with Battery Bank-01 set Electrical Panel for HVAC system (All the incoming & outgoing cables are covered in the scope of work only for maintenance & fault finding. Replacement of defective cables is not covered in the scope of item)				
(a)	First Year	12	Months	65,975.00	7,91,700.00
(b)	Second Year	12	Months	65,975.00	7,91,700.00

Item No.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
4	Annual comprehensive maintenance of single phase 1.5/2.0 TR (including star rated) split type air conditioners of different makes including stabilizer (wherever installed) of following capacity installed at different locations including providing all necessary consumables / spares & replacement of faulty compressor and carrying out complete preventive/ breakdown maintenance as required (Non Inverter Type AC- 17 Nos. + Inverter Type AC-77 Nos.)				
(a)	First Year	94	Each	2,800.00	2,63,200.00
(b)	Second Year	94	Each	2,800.00	2,63,200.00
5	Annual comprehensive maintenance of water cooler so fall makes (i/c bubbler type 6 nos. Oasis make & 16 nos. Usha make normal water cooler) and upto 150/150 liters. cooling/storing capacity at different locations including providing all necessary consumables and spares including replacement of faulty compressor with original make as required.				
(a)	First Year	22	Each	1,827.00	40,194.00
(b)	Second Year	22	Each	1,827.00	40,194.00
6	Annual comprehensive maintenance of industrial water purifiers(RO) of capacity 25 LPH at different locations including providing all necessary consumables and spares including replacement of Membrane(Once in a year), Carbon Filter (twice in a year) and sediment filter(every quarter) attending monthly servicing/overhauling of system, attending breakdown call as & when required, complete etc as required.				
(a)	First Year	17	Each	3,654.00	62,118.00
(b)	Second Year	17	Each	3,654.00	62,118.00
7	Annual comprehensive maintenance of Industrial water purifiers at different locations including providing all necessary consumables and spares including replacement of ,Carbon Filter (twice in a year), sediment filter(every quarter), UV Lamp etc. attending monthly servicing/overhauling of system, attending breakdown call as & when required, complete etc as required. (Aqua Guard- 03 nos.)				
(a)	First Year	3	Each	3,654.00	10,962.00
(b)	Second Year	3	Each	3,654.00	10,962.00
8	Annual comprehensive maintenance of domestic water purifiers at different locations including providing all necessary consumables and spares including replacement of ,Carbon Filter (twice in a year), sediment filter(every quarter), UV Lamp etc. attending monthly servicing/overhauling of system, attending breakdown call as & when required, complete etc as required. (Kent RO-01 no., Havells-01 no.)				
(a)	First Year	2	Each	3,654.00	7,308.00
(b)	Second Year	2	Each	3,654.00	7,308.00
9	Annual comprehensive maintenance of three phases 3.0 Tr Tower Type split type airconditioners of different makes following capacity installed at different locations including providing of all necessary consumables and spares & replacement of faulty compressor and carrying out preventive & breakdown maintenance as required.				
(a)	First Year	5	Each	3,900.00	19,500.00
(b)	Second Year	5	Each	3,900.00	19,500.00

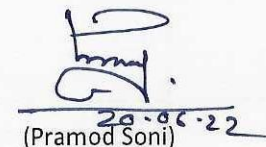

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Item No.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
10	Annual comprehensive maintenance of three phases 4.0 Tr Tower Type split type airconditioners of different makes following capacity installed at different locations including providing of all necessary consumables and spares & replacement of faulty compressor and carrying out preventive & breakdown maintenance as required.				
(a)	First Year	12	Each	4,415.00	52,980.00
(b)	Second Year	12	Each	4,415.00	52,980.00
11	Annual comprehensive maintenance of three phases 1.5/2.0 Tr Cassette type inverter airconditioners of different makes following capacity installed at different locations including providing of all necessary consumables and spares & replacement of faulty compressor and carrying out preventive & breakdown maintenance as required. (to be taken up from Sept-2022)				
(a)	First Year	5	Each	3,654.00	18,270.00
(b)	Second Year	5	Each	3,654.00	18,270.00
12	Annual comprehensive maintenance of three phases 4.0 Tr Cassette type inverter model airconditioners of different makes following capacity installed at different locations including providing of all necessary consumables and spares & replacement of faulty compressor and carrying out preventive & breakdown maintenance as required.				
(a)	First Year	2	Each	5,786.00	11,572.00
(b)	Second Year	2	Each	5,786.00	11,572.00
13	Dismantling of Existing single phase/three phase Split /Floor mounted Air conditioner units (all type) complete of different rating from existing site. Before dismantling the full gas to be pump down properly and refilling of holes, plastering, finishing the walls making good the same including shifting the removed airconditioning unit up to new loaction / store room as required.				
(a)	First Year	10	Each	610.00	6,100.00
(b)	Second Year	10	Each	610.00	6,100.00
14	Installation testing and commissioning of Split A.C/Tower A.C(all type) of various capacity up to 4 Tones etc. including connecting the outdoor & indoor units using refrigerant pipeswith insulation (existing or new one as applicable), wiring ,leak testing of entire system, top up of refrigerant as required, minor civil works as per requirement.				
(a)	Fist Year	10	Each	1,220.00	12,200.00
(b)	Second Year	10	Each	1,220.00	12,200.00
15	Annual comprehensive maintenance of Air-cooler which includes replacement of khus once in the year, including rewinding of air cooler motor, pump, pipes as required etc. Scrubbing of Air Cooler body with emry /sand paper and double coat painting including applying red oxide etc. as required and quarterly cleaning of cooler sumps but excluding watering.				
(a)	First Year	88	Each	975.00	85,800.00
(b)	Second Year	88	Each	975.00	85,800.00


 A.C.M.(B)

Item No.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
16	Annual Service contract for 4 x16.5 Tr capacity of Air-cooled package Air-conditioning unit of Blue star make, operated on 3 phase, 415V, 50 Hz AC which includes only sundry maintenance and weekly testing for serviceability as per terms & conditions of contract & operation of plant as & when required basis but excluding supply of spares for the period of one year.				
(a)	First Year	12	Months	11,000.00	1,32,000.00
(b)	Second Year	12	Months	11,000.00	1,32,000.00
17	Job contract for comprehensive Maintenance of complete Ultra Violet Germicidal Irradiation (UVGI) system and Ultra Fresh Advanced Oxidation Plasma (AOP) Cell system technology installed in all 33 AHUs and Packaged AC. (UVGI Lamp 108W-35 Nos., 83W-26 Nos. and associated Driver-33 Nos.) (AOP Cell 26W-82 Nos. and associated Driver-37 Nos.)				
(a)	First Year	12	Months	12,300.00	1,47,600.00
(b)	Second Year	12	Months	12,300.00	1,47,600.00
Total Amount Rs.					95,53,684.00

(Rupees Ninety Five Lakhs Fifty Three Thousand Six Hundred and Eighty Four Only)


(Pramod Soni)

Asst. Gen. Manager (E-E)
AAI, S. V. Airport, Raipur

Signature Not Verified

Digitally signed by PRAMOD SONI
Date: 2022.06.22 11:21:01 IST
Location: eProcurement System for Central PSUs

