



DUPLICATE

भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

सं.सं: भा.बि.प्रा./पू.क्षे./कोल/ईई/उप-प्रभाग-I/W-M-02/2022-23/
Ref. AAI/ER/Kol/EE/Sub.Div.-I/W-M-02/2022-23/ 92

दिनांक: 21/05/2022
Date: 21/05/2022
23

सेवा में / To,
M/s Eastern Power Engineering
Bamunimaidan Industrial area
Jyoti Nagar, Near Kali Mandir,
Guwahati - 781021

विषय / Sub :- वर्ष 2022-24 के लिए एनएससीबीआई हवाई अड्डे, कोलकाता में एटीएस तकनीकी भवन और परिचालन क्षेत्र में विद्युत और यांत्रिक स्थापना के लिए वार्षिक रखरखाव अनुबंध।

Annual Maintenance Contract for Electrical & Mechanical Installation at ATS Technical Building and Operational Area at NSCBI Airport, Kolkata for the year 2022-24.

संदर्भ / Ref.- (i) E-Tender ID No.: - 2022_AAI_110431_1.
(ii) E-Tender opened on 19.04.2022 (Financial Bid).

Dear Sir(s),

1. उपर्युक्त कार्य हेतु आपका प्रस्ताव अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है, आपके द्वारा बताए गए मद मूल्यों पर आपकी ऑफर राशि कुल रु. **3,18,87,166.00** (रूपये तीन करोड़ अठारह लाख सतासी हजार एक सौ छियासठ मात्र) जीएसटी के सिवा, जो कि टेंडर की न्यायोचित निविदा राशी रु. **3,73,35,725.00** से **14.59%** (चौदह दशमलव पांच नौ प्रतिशत) नीचे है।

Your offer for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, for the sum of Rs. **3,18,87,166.00** (Rupees Three Crore Eighteen Lakh Eighty-Seven Thousand One Hundred and Sixty-six only) excluding GST, which is **14.59%** (Fourteen Point Five Nine Percent) below the Justified Cost of Rs. **3,73,35,725.00** put to tender (without GST).

2. संयुक्त महाप्रबन्धक (अभि. -वि.), पू.क्षे., भा.वि.प्रा. ने. सु. च. बो. अ. हवाई अड्डा, कोलकाता 700052 इस कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि आपकी ओर से आप अथवा आपके द्वारा अधिकृत प्रतिनिधि नियुक्त करें जो करारनामे पर हस्ताक्षर करने के लिए अधिकृत हो तथा वह दिनांक **10-06-2022** तक संयुक्त महाप्रबन्धक (अभि-वि.), पू.क्षे., भा.वि.प्रा. ने. सु. च. बो. अ. हवाई अड्डा, कोलकाता 700052 के कार्यालय में करारनामा पर हस्ताक्षर करने एवं उसको पूरा करने हेतु उपस्थित हों। ठेके का करारनामा रु. 100/- (रु. एक सौ) मात्र के नॉनज्यूडीशियल स्टैम्प पेपर पर निष्पादित किया जाएगा तथा पेपर का खर्च आपके द्वारा वहन किया जाएगा।

The Jt.GM (Engg. -Elect.), ER, AAI, N.S.C.B.I. Airport, Kolkata 700052 shall be the Engineer-in-charge of the work. You are requested to attend the office of Jt. GM (Engg.-Elect.), ER, Airports Authority of India, NSCBI Airport, Kolkata 700052 by **10-06-2022** to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs. 100/- (Rupees Hundred only) and the cost of the stamp paper shall be borne by you.

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3. कृपया इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर जमानत राशि की बकाया रु. 31,88,717.00 (रुपये इकतीस लाख अठ्ठासी हजार सात सौ सत्रह मात्र) अदा की जाए अन्यथा निविदा दस्तावेज के धारा 1ए, पृष्ठ संख्या 69 के अनुसार उक्त राशि रनिंग बिल से कटौती की जाएगी।

Please deposit Rs. 31,88,717.00 (Rupees Thirty-One Lakh Eighty-Eight Thousand Seven Hundred and Seventeen only) towards Security Deposit within 10 days from the date of issue of this letter, failing which, the same will be deducted as per Clause 1A, Page no. – 69 of the tender documents.

4. आपसे अनुरोध है कि अनुबंध श्रम (विनियमन और उन्मूलन) अधिनियम 1970 और ठेका श्रम (विनियमन और उन्मूलन) केंद्रीय नियम 1971, बाल श्रम (निषेध और विनियमन) अधिनियम 1986, निर्माण श्रमिक (रोजगार का विनियमन और सेवा की शर्त) अधिनियम 1996, भवन और अन्य निर्माण श्रमिक कल्याण उपकर अधिनियम 1996 और न्यूनतम मजदूरी अधिनियम एवं केंद्र 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 and Abolition) Act 1970 and Contract Labour (Regulation and Abolition) Central rules 1971, 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 and minimum wages act and rules there of Central and State Governments.

5. आपको एतद्वारा इस कार्य के लिए नियोजित की जाने वाली सामग्री और श्रमिकों के लिए निविदा दस्तावेज के धारा नंबर 46, पृष्ठ संख्या 125-126 के अनुसार CAR नीति प्रस्तुत करने का निवेदन किया जाता है।

You are hereby directed to submit the CAR Policy as per GCC Clause No. 46, Page No. 125-126 of tender document for materials and workers to be employed for this work separately.

6. आपसे निवेदन है कि आप तुरंत वरिष्ठ प्रबंधक (अभि.वि.), पू. क्षे., भा.वि.प्रा, 1st फ्लोर, न्यू ओपरेशनल कमप्लेक्स, ने. सु. च. बो. अ. हवाई अड्डा, कोलकाता 700052 से मिलें वह आपको साइट सौंपने की व्यवस्था करेंगे।

You are requested to contact with the Senior Manager (E-E), ER, Airports Authority of India, 1st Floor, New Operational Complex, NSCBI Airport, Kolkata 700052 who will arrange to hand over the site to you.

7. कृपया ध्यान दें कि कार्य समाप्त करने का समय **24 (चौबीस) महीने** और इसे 1 जून 2022 से माना जाएगा।

Please note that the time allowed for carrying out the work shall be **24 (Twenty-Four) months** and same shall be reckoned from 1st June 2022.

8. इस ठेके के संबंध में आगे का कोई भी पत्राचार इंजीनियर-इन-चार्ज को संबोधित किया जाए।

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

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9. कृपया पावती भेजें 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.

10. यदि अंग्रेज़ी और हिन्दी पाठ में कोई असंगति पाया जाता है तो अंग्रेज़ी 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: Schedule of Work (Page 1-10).

निष्ठापूर्वक/Yours faithfully,

संयुक्त महाप्रबन्धक (अभि.-वि) / Jt. GM(E-E)
भा. बि. प्रा., पू.क्षे / AAI, E.R
ने. सु. च. बो. अ. हवाई अड्डा / NSCBI Airport
कोलकाता 700052/Kolkata 700052.

**AIRPORTS AUTHORITY OF INDIA
ENGINEERING WING (Elect.)
RHQ, ER, NSCBI AIRPORT, KOLKATA**

Schedule of Quantity

Name of Work:- Annual Maintenance Contract for Electrical & Mechanical Installation at ATS Technical Building and Operational Area at NSCBI Airport, Kolkata for the year 2022-24.

S.No.	Item of Works	Qty.	Unit	Rate (Rs.)	Amount without GST (Rs.)
	SH:A- O&M of E&M Installations				
1	Operation and maintenance of Internal and External E&M installations such as LT panels, building wiring, power cables, water pumps, water level control system, air-conditioning system, FADS etc. including attending complaints / faults/ breakdown, rectification and ensuring serviceability/ satisfactory working condition including operation of 2 nos. elevators at ATS technical building on round the clock basis and maintaining all records as per PMI schedule of special conditions of contract and as per the requirement of works. (The contractor has to engage the minimum man power including relievers etc. as per the special condition of contract or as per the instruction of Engineer-in-charge.)				
	(a) For 1st Year	12.00	Month	₹ 6,62,817.00	₹ 79,53,804.00
	(b) For 2nd Year	12.00	Month	₹ 6,62,817.00	₹ 79,53,804.00

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S.No.	Item of Works	Qty.	Unit	Rate (Rs.)	Amount without GST (Rs.)
2	Operation and maintenance of Internal and External E&M installations such as HT/LT panels, transformers, power cables, pumps, DG sets, Air conditioning etc including attending complaints / faults/ breakdown, rectification and ensuring serviceability/ satisfactory working condition and maintaining all records as per PMI schedule as per the special conditions of contract and particular specifications, in shift basis round the clock as per the instruction of the Engineer-in- Charge or his authorized representative as per the requirement of works at various nav aid installations inside operational area. (The contractor has to engage the minimum man power including relievers etc. as per the special condition of contract, particular specifications and as per the instruction of Engineer-in-charge.)				
	(a) For 1st Year	12.00	Months	₹ 5,78,367.00	₹ 69,40,404.00
	(b) For 2nd Year	12.00	Months	₹ 5,78,367.00	₹ 69,40,404.00
3	Servicing of Electrical Switch gears:- Preventive maintenance as per OEM (L&T/Emerson/Siemens/Havells) standard of the Switchgears available in the L.T. Power panels followed by necessary relay calibration and submission of service report in prescribed format of OEM and as directed by Engineer-in-Charge.				
3.1	ACBs upto 1600A = 8 nos.				
	(a) For 1st Year	8.00	job	₹ 5,500.00	₹ 44,000.00
	(b) For 2nd Year	8.00	Job	₹ 5,500.00	₹ 44,000.00
3.2	Auto Transfer Switch of 1000A = 1 Nos.				
	(a) For 1st Year	1.00	job	₹ 6,000.00	₹ 6,000.00
	(b) For 2nd Year	1.00	job	₹ 6,000.00	₹ 6,000.00

S.No.	Item of Works	Qty.	Unit	Rate (Rs.)	Amount without GST (Rs.)
4	Lifting and lowering of 10 HP to 15 HP submersible pump motor in open borewell by providing Chainpulley and other arrangement including jointing of submersible cable by providing new joint kit of size 2.5 sq. mm. to 10 sq. mm. submersible cable etc complete as required and direction of engineer-In-Charge.				
	(a) For 1st Year	4.00	job	₹ 5,000.00	₹ 20,000.00
	(b) For 2nd Year	4.00	job	₹ 5,000.00	₹ 20,000.00
	TOTAL of Subhead (A):				₹ 2,99,28,416.00
	SH B:- CMC of Window /Split AC Units at different location in ATS Building And operational Area .				
5	Annual comprehensive maintenance of all make AC units 1.5 Tr. capacity single or three phase window type at different location including providing all necessary consumable spares and up to its smooth performance as as per the special conditions of contract and particular specifications.				
	(a) For 1st Year	2.00	Each per year	₹ 250.00	₹ 500.00
	(b) For 2nd Year	2.00	Each per year	₹ 250.00	₹ 500.00
6	Annual comprehensive maintenance of all make AC units upto 1.5 Tr. capacity single phase or three phase split type AC at different location including providing all necessary consumable spares and up to its smooth performance as per the special conditions of contract and particular specifications.				
	(a) For 1st Year	38.00	Each per year	₹ 300.00	₹ 11,400.00
	(b) For 2nd Year	23.00	Each per year	₹ 300.00	₹ 6,900.00

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S.No.	Item of Works	Qty.	Unit	Rate (Rs.)	Amount without GST (Rs.)
7	Annual comprehensive maintenance of all make AC units of 2.0 Tr. capacity single phase or three phase split type AC at different location including providing all necessary consumable spares and up to its smooth performance as per the special conditions of contract and particular specifications.				
	(a) For 1st Year	132.00	Each per year	₹ 250.00	₹ 33,000.00
	(b) For 2nd Year	123.00	Each per year	₹ 250.00	₹ 30,750.00
8	Annual comprehensive maintenance of all make AC units of 3.0 Tr. capacity single or three phase slimline / high wall split type AC at different location including providing all necessary consumable spares and up to its smooth performance as per the special conditions of contract and particular specifications.				
	(a) For 1st Year	8.00	Each per year	₹ 300.00	₹ 2,400.00
	(b) For 2nd Year	16.00	Each per year	₹ 300.00	₹ 4,800.00
9	Annual comprehensive maintenance of all make AC units of 1.5 Tr. capacity inverter type single phase or three phase split type AC at different location including providing all necessary consumable spares and up to its smooth performance as per the special conditions of contract and particular specifications.				
	(a) For 1st Year	2.00	Each per year	₹ 500.00	₹ 1,000.00
	(b) For 2nd Year	15.00	Each per year	₹ 500.00	₹ 7,500.00

S.No.	Item of Works	Qty.	Unit	Rate (Rs.)	Amount without GST (Rs.)
10	Annual comprehensive maintenance of all make AC units of 2.0 Tr. capacity inverter type single phase or three phase split type AC at different location including providing all necessary consumable spares and up to its smooth performance as per the special conditions of contract and particular specifications.				
	(a) For 1st Year	10.00	Each per year	₹ 500.00	₹ 5,000.00
	(b) For 2nd Year	19.00	Each per year	₹ 500.00	₹ 9,500.00
11	Annual comprehensive maintenance of all make AC units of 3.0 Tr. Ductable AC at different location including providing all necessary consumable spares and up to its smooth performance as per the special conditions of contract and particular specifications.				
	(a) For 1st Year	1.00	Each per year	₹ 1,000.00	₹ 1,000.00
	(b) For 2nd Year	1.00	Each per year	₹ 1,000.00	₹ 1,000.00
12	Dismantling of window / split ACs / slimline / highwall A/C units of capacity 1.5 Tr / 2 Tr / 3 Tr, 1 ph / 3 ph and transporting to AAI store as directed by EIC etc. complete as required.				
	(a) For 1st Year	40.00	Job	₹ 50.00	₹ 2,000.00
	(b) For 2nd Year	20.00	Job	₹ 50.00	₹ 1,000.00

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S.No.	Item of Works	Qty.	Unit	Rate (Rs.)	Amount without GST (Rs.)
13	Reinstallation, testing and commissioning including refrigerent charging of the window / split ACs / slimline / highwall A/C units of capacity 1.5 Tr/ 2 Tr / 3 Tr, 1 ph/ 3 ph as directed by E-I-C (Indoor & Outdoor unit will be issued by AAI)				
	(a) For 1st Year	10.00	Job	₹ 300.00	₹ 3,000.00
	(b) For 2nd Year	10.00	Job	₹ 300.00	₹ 3,000.00
14	Supply and fixing of extra copper refrigerant piping complete with suction / liquid line, insulation (i.e. cunifoam with neoprene / rubber lining), and all the accessories i/c Control Cable as per site requirement as directed by Engineer-in-Charge.	50.00	Mtr.	₹ 400.00	₹ 20,000.00
	TOTAL of Subhead (B):				₹ 1,44,250.00
	SH:- C, CMC of Water Coolers at different locations of NSCBI Airport, Kolkata				
15	Annual Comprehensive Maintenance contract for Aquaguard multifunction Hot & Cold type water cooler cum purifier. Model No.:- Hot & Cold RO UV Water Purifier				
	(a) For 1st Year	5.00	Each per year	₹ 3,000.00	₹ 15,000.00
	(b) For 2nd Year	5.00	Each per year	₹ 3,000.00	₹ 15,000.00
16	Annual Comprehensive Maintenance contract for Aquaguard storage cooler cum purifier. Model No.:- Aquaguard Enhance RO water Purifier				
	(a) For 1st Year	1.00	Each per year	₹ 5,000.00	₹ 5,000.00
	(b) For 2nd Year	1.00	Each per year	₹ 5,000.00	₹ 5,000.00

S.No.	Item of Works	Qty.	Unit	Rate (Rs.)	Amount without GST (Rs.)
17	Annual Comprehensive maintenance contract of Aquaguard Green Pure Chill 80 SS RO+UV (or Equivalent) water cooler at various Operational Units & offices at NSCBI Airport, Kolkata including providing and repairing / replacing of faulty component, consumable spares and compressors etc as required.				
	(a) For 1st Year	10.00	Each per year	₹ 4,000.00	₹ 40,000.00
	(b) For 2nd Year	10.00	Each per year	₹ 4,000.00	₹ 40,000.00
18	Half Yearly Water testing (input raw water and purified water = 1 job) from different sites during the contract period.				
	(a) For 1st Year	32.00	Job	₹ 1,600.00	₹ 51,200.00
	(b) For 2nd Year	32.00	Job	₹ 1,600.00	₹ 51,200.00
19	Supply, installation, Testing and commissioning of iron remover consisting of 20"/24" iron vessel-Resin based with filtration capacity 200 LPH equipped backwash facility for flushing out filtered iron sediments.				
		11.00	Job	₹ 10,500.00	₹ 1,15,500.00
	TOTAL of Subhead (C):				₹ 3,37,900.00

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S.No.	Item of Works	Qty.	Unit	Rate (Rs.)	Amount without GST (Rs.)
	SH:- D AMC of Fire Alarm System at ATS building.				
20	Annual Maintenance of addressable fire alarm system consisting of fire loop, 01 no. addressable panel of Morely IAS ZX5e and 03 nos. of Morely IAS ZX2e Fire alarm PC station with Visualized Software, graphic display in computer including other accessories like active & passive repeater panel, different type smoke detector, Heat detector, Response indicator, Manual call point, Fault isolator, Hooter, Control realy module, Monitor module etc. including monthly servicing and periodical maintenance and attending breakdown maintenance as per tender document from ground floor to 7th floor including tower at NSCBI Airport, Kolkata. (Refer Appendix -A for Engaging specialized agency and Appendix-B for Man Power.)				
	(a) For 1st Year	12.00	Month	₹ 6,000.00	₹ 72,000.00
	(b) For 2nd Year	12.00	Month	₹ 6,000.00	₹ 72,000.00
	TOTAL of Subhead (D):				₹ 1,44,000.00
	Sub. Division-II (OPERATIONAL AREA)				
	SH - F Miscellaneous				
21	Dehydration of insulating oil for transformers through centrifugal oil purifier / sparkler machine and heating arrangements to attend withstand strength of 40 kv for one minute as per IS 355 - 1983 (uptodate ammendments) with submission of prior and post-test report of breaking strength of oil at sub-station.	500.00	Ltr.	₹ 20.00	₹ 10,000.00
22	Scrubing, rubbing, cleaning & spray painting of LT Panels, metal frame, metal boxes, metal surface in different shape and in different location with 2 coat red oxide primer & 01 coat of synthetic enamel paint of smoke grey or any other approved colour etc. as required.	50.00	Sq.m	₹ 200.00	₹ 10,000.00
23	Lettering with synthetic enamel paint of approved brand and manufacture as per the instructions of Engineer in Charge.	1000.00	Per letter per cm	₹ 5.00	₹ 5,000.00
24	Supply of RYB Indicator set for LT Panels of size inner Diameter 22.5 mm suitable to operate from 230V AC, 50Hz supply.	40.00	Set	₹ 200.00	₹ 8,000.00

S.No.	Item of Works	Qty.	Unit	Rate (Rs.)	Amount without GST (Rs.)
25	Supply of Green colour LED panel indicator of size inner Diameter 22.5 mm suitable to operate from 230V AC, 50Hz supply	20.00	Each	₹ 80.00	₹ 1,600.00
26	Supply of 250 A ,36 kA 4 Pole MCCB of make L& T , Cat No. CM9210900P1OG	2.00	Each	₹ 18,000.00	₹ 36,000.00
27	Supply of 40 A ,36 kA 4 Pole microprocessor based MCCB . make Havells model no. loadine FEN	4.00	Each	₹ 8,000.00	₹ 32,000.00
28	DSR item (Rate will be considered % above / below of or equal to 100% of DSR 2018 E&M rate). (for Sub. Div.-I & Sub. Div.-II) NOTE:- The execution of Delhi Schedule of Rates (E&M) 2018 Items as when required basis. Example for quoting the rate:- (i)Agency Quoting Rs.9,00,000.00 in the Rate stands for 10% below the Estimate amounting of Rs.10,00,000.00 net amount will be 9,00,000.00 and payment will be made 10% below on DSR 2018 rate against items. (ii)Agency Quoting Rs. 11,00,000.00 in the Rate stands for 10% above the Estimate amounting of Rs.10,00,000.00 net amount will be 10,00,000.00 and payment will be made 10% above on DSR 2018 rate against items.				
	(a) For 24 months	1.00	job	₹ 7,50,000.00	₹ 7,50,000.00

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S.No.	Item of Works	Qty.	Unit	Rate (Rs.)	Amount without GST (Rs.)
29	Providing AC vehicle not less than 1400 CC capacity and not more than 5 years old (Scorpio / Bollero / Inova/ Tata Sumo) including necessary fuel, permit & necessary airport entry pass to run the vehicle inside the operational and Non-operational areas alongwith driver under skilled category for all days including saturday, sunday & holidays for round the clock basis throughout the year with average run of 150 KM daily for attending complaints, carry out the maintenance works related to E & M installations, attending breakdown calls etc as per site requirement and as directed by Engineer-In-Charge.				
	(a) For 1st Year	12.00	Months	₹ 20,000.00	₹ 2,40,000.00
	(b) For 2nd Year	12.00	Months	₹ 20,000.00	₹ 2,40,000.00
	Total Amount (without GST) for Miscellaneous (F)				₹ 13,32,600.00
	Total Amount G = A+B+C+D+E+F (without GST)				₹ 3,18,87,166.00

Amount:- Rupees Three Crore Eighteen Lakh Eighty Seven Thousand and One Hundred Sixty Six only.

* Rate Excluding of GST.

* GST will be paid extra as applicable.


Jt. General Manager
 (Engg-Elect) RHQ-ER
 AAI, NSCBI Airport, Kolkata