



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

संख्या : भाविप्रा/ इंदौर/अभि.-वि/कार्य आदेश-01/2022-23
Ref. No.: AAI/ID/ENGG(E)/WO-01/2022-23

377-90

दिनांक : 15/06/2022
Date: 15/06/2022

4088-410(अ)

प्रति,
मैसर्स भारत इलैक्ट्रिक,
प्लॉट नं. 113, ग्रीन पेलेस,
नियर गुरुसंगत दरबार रोड़, सिंधी कॉलोनी,
खामला, नागपुर - 440025

M/s Bharat Electric,
Plot No. 113, Green Palace,
Near Gurusangat Darbar Road, Sindhi Colony,
Khamla, Nagpur - 440025

विषय: ए.आर.एम.ओ. ऑफ ई एण्ड एम इन्स्टालेशन्स ऑफ जीएलएफ सिस्टमस, नेव-एड्स, ओल्ड बिल्डिंग, ओल्ड पॉवर हाउस, टेक्निकल ब्लॉक, रेसिडेंशियल कॉलोनी, एण्ड सीएमसी ऑफ एयर कंडीशनिंग, वॉटर कुलर्स एण्ड वॉटर प्यूरिफायर्स ईटीसी. एट दे.अ.बा.हो. विमानतल, इन्दौर फॉर 02 इयर्स (2022-24)।

Subject: ARMO of E&M Installations of GLF systems, Nav-Aids, OTB, Old Power House, Technical Block, Residential colony and CMC of Air Conditioners, Water Coolers & Water purifiers etc. at DABH Airport Indore for 02 (Two) Years (2022-2024).

- संदर्भ : 1. आपकी दिनांक 06.04.2022 को खोली गई ई-निविदा 2022_AAI_108294_1.
Your E-Tender No. 2022_AAI_108294_1 opened on dated 06.04.2022.
2. भाविप्रा पत्र संख्या: भाविप्रा/ इंदौर/अभि.-वि//2022-23/280/2952 (ओ) दिनांक : 25.04.2022.
AAI Letter No. भाविप्रा/ इंदौर/अभि.-वि//2022-23/280/2952 (ओ) दिनांक : 25.04.2022.
3. आपका पत्र संख्या NIL दिनांक 27.04.2022.
Your Letter No. NIL dated 27.04.2022.

प्रिय महोदय/ Dear Sir,

1. उपरोक्त कार्य हेतु आपका टेन्डर, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से, आपके द्वारा बताये गये मद मुल्यों पर आपकी टेन्डर राशि कुल लागत ₹ 1,48,29,760/- (रुपये एक करोड़ अड़तालीस लाख उनतीस हजार सात सौ साठ मात्र जी.एस.टी. रहित) (आपकी बिड राशि रुपये 1,52,72,500/- जीएसटी रहित पर आपके द्वारा आपकी पत्र संख्या NIL दिनांक 27.04.2022 के माध्यम से स्वीकृत 2.898936% के डिस्काउंट के पश्चात) है, जो कि टेन्डर की अनुमानित लागत राशि ₹ 1,80,93,000/- जी.एस.टी. रहित से 18.04 % कम है, पर स्वीकृत किया जाता है।

Your Tender for the work mentioned above is hereby accepted on behalf of the Chairman, Airports Authority of India at the item rates quoted by you totaling to ₹ 1,48,29,760/- (Rupees One Crore Forty Eight Lakh Twenty Nine Thousand Seven Hundred Sixty Only Excluding GST) (after applying discount of 2.898936% on your bid amount of Rs. 1,52,72,500/- Excl. GST, agreed by you vide your letter no. NIL dated 27.04.2022) which is 18.04 % below the Estimated cost put to tender of ₹ 1,80,93,000/- Excluding GST.

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2. सहायक महाप्रबंधक (अभि.विद्युत), भाविप्रा, दे.अ.बा.हो. विमानतल, इन्दौर कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि आप आपकी ओर से एक विश्वसनीय प्रतिनिधि प्रतिनियुक्त करें जो कि करारनामे पर हस्ताक्षर करने के लिए अधिकृत हो तथा वह दिनांक: 15/07/2022 तक सहायक महाप्रबंधक (अभि.-विद्युत), भाविप्रा, दे.अ.बा.हो. विमानतल, इन्दौर के कार्यालय में उपस्थित हों तथा करारनामे को पूरा करें। ठेके का करारनामा रु 100/- के नॉन ज्युडिशियल स्टैम्प पेपर पर निष्पादित किया जाएगा, तथा स्टैम्प पेपर का खर्च आपके द्वारा उठाया जाएगा।

The Asstt. General Manager (Engg.-Elect), AAI, DABH Airport, Indore shall be the Engineer-in-charge of the work. You are requested to depute your accredited representative empowered to sign the contract Agreement on your behalf to attend the office of the Asstt. General Manager (Engg.-Elect.), AAI, DABH Airport, Indore by 15/07/2022 to sign and complete the agreement. The contract agreement shall be executed on a non judicial stamp paper of Rs. 100/- and the cost shall be born by you.

3. कृपया ₹ 14,82,976/- (रुपये चौदह लाख बयासी हजार नौ सौ छिहत्तर मात्र) प्रतिभूति जमा के रूप में यह पत्र के जारी करने की तारीख के बाद 15 दिन के अंदर जमा कीजिए। जमा करने की असफलता के कारण यह राशि ठेका दस्तावेज के जीसीसी के पृष्ठ क्र. 16 के Clause '1A' की शर्त के अनुसार काट दी जाएगी।

Please deposit ₹ 14,82,976/- (Rupees Forteen Lakh Eighty Two Thousand Nine Hundred Seventy Six Only) towards security deposit within 15 days from the date of issue of this letter, failing which the same shall be deducted as per condition of Clause '1A' on page no. 16 of GCC of the contract document.

4. आपसे निवेदन है कि आप केन्द्रीय और राज्य सरकारों के 1970 के अधिनियम अनुबंध श्रम नियम तथा 1971 के केन्द्रीय नियम अनुबंध श्रम नियम (नियमन तथा उन्मुलन) एवं केन्द्र तथा राज्य सरकार के न्यूनतम वेतन अधिनियम और नियमों का अनुपालन करें।

You are requested to comply with the provisions of Contract Labour (Regulation & Abolition) Act of 1970 and Contract Labour (Regulation & Abolition) Central Rules 1971 and Minimum Wages Act & Rules thereof Central and State Government.

5. आपको निर्देश दिया जाता है कि आप तुरंत सहायक प्रबंधक (अभि.विद्युत), भाविप्रा, दे.अ.बा.हो. विमानतल, इन्दौर से मिलें वह आपको साईट सौंपने की व्यवस्था करेंगे। कृपया नोट कर लें कि काम करने का अनुमानित समय 02 (दो) वर्ष है जो कि दिनांक 01.07.2022 से गिना जायेगा।

You are also directed to contact AM (Engg.-Elect) AAI, DABH Airport Indore immediately who will arrange to hand over the site to you. Please note that the time allowed for carrying out the work is 02 (Two) Years as entered in the tender and shall be reckoned from dated 01.07.2022.

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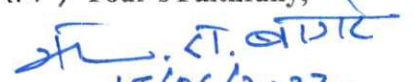
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6. इस ठेके के संबंध में आगे कोई भी पत्राचार सहायक महाप्रबंधक (अभि.विद्युत), भा.वि.प्रा.,दे.अ.बा.हो. इन्दौर विमानतल, के पते पर किया जाये।
Any further correspondence in connection with this contract should normally be addressed to Asstt. General Manager (Engg.-Elect) AAI, DABH Airport Indore.
7. उपरोक्त संदर्भित सभी पत्र इस ठेके का भाग होंगे।
All letters referred above shall form part of contract.
8. ठेके दस्तावेज की शर्त के अनुसार त्रुटि दायित्व अवधि 06 (छः) माह होगी।
The defects Liability Period will be of 06 (Six) Months as per terms of Contract.
9. कृपया पावती भेजें एवं आपकी स्वीकृति के प्रतीक के रूप में इस कार्य आदेश की डुप्लीकेट प्रति पर हस्ताक्षर कर अधोहस्ताक्षरी को पुनः भेजने का कष्ट 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.
10. यदि अंग्रेजी और हिंदी पाठ में कोई अंतर पाया जाता है तो अंग्रेजी विवरण सही माना जायेगा।
If there is any discrepancy between English and Hindi, then meaning derived in English will be given precedence.

धन्यवाद / Thanking You,

संलग्न / Enclosure : Schedule 'A' (Total 07 page)

भवदीय / Your's Faithfully,


15/06/2022

सहायक महाप्रबंधक (अभि.विद्युत),
Asstt. General Manager (Engg.-Elect)
भा.वि.प्रा. इन्दौर विमानतल, इन्दौर
AAI, DABH Airport, Indore
कृते तथा ओर से, अध्यक्ष
For and on behalf of Chairman
भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India

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SCHEDULE OF QUANTITY

Schedule 'A'

NAME OF WORK: ARMO of E & M Installations of GLF systems, Nav-Aids, OTB, Old Power House, Technical Block, Residential colony and CMC of Air Conditioners, Water Coolers & Water purifiers etc. at DABH Airport Indore for 02 (Two) Years (2022-2024).

S.NO	DESCRIPTION OF ITEM	UNIT	QTY.	RATE	AMOUNT
	SH:I O & M Contract				
	Annual Repair, Maintenance & Operation of various electrical installations of GLF systems, Nav Aids, Old Terminal building, Old power House, Technical block, residential colony including street lights, etc. and operation of water supply pumps at colony & Old TB, attending the complaints, taking rectification action on all working days deploying man power in three Shifts (A,B,C) including Sunday & Holidays, keeping records of all maintenance activities complete as required as per Special conditions of Contract and the detailed specifications terms covered under this contract.				
1.1					
a)	For First Year	12.00	Months	575000.00	6900000.00
b)	For second Year	12.00	Months	575000.00	6900000.00
	SH:II MAINTENANCE JOBS				
2.1	Lifting and Lowering of Submersible Pump below ground level upto 450 ft including transportation, loading, unloading charges etc. complete as required.				
a)	3.0 HP (For First Year)	1.00	JOB	2000.00	2000.00
b)	7.5 HP (For First Year)	2.00	JOB	2500.00	5000.00
c)	10.0 HP (For First Year)	1.00	JOB	3000.00	3000.00
d)	3.0 HP (For second Year)	1.00	JOB	2000.00	2000.00
e)	7.5 HP (For second Year)	2.00	JOB	2500.00	5000.00
f)	10.0 HP (For second Year)	1.00	JOB	3000.00	3000.00
2.2	Complete rewinding of the motor of following capacity Submersible pump including transportation, loading, unloading charges, replacement of bearing, greasing etc. complete as required. (DLP of the job shall be 6 months)				
a)	3.0 HP (For First Year)	1.00	JOB	5000.00	5000.00
b)	7.5 HP (For First Year)	2.00	JOB	5000.00	10000.00
c)	10.0 HP (For First Year)	1.00	JOB	5000.00	5000.00
d)	3.0 HP (For second Year)	1.00	JOB	5000.00	5000.00

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S.NO	DESCRIPTION OF ITEM	UNIT	QTY.	RATE	AMOUNT
e)	7.5 HP (For second Year)	2.00	JOB	5000.00	10000.00
f)	10.0 HP (For second Year)	1.00	JOB	5000.00	5000.00
2.3	Complete rewinding of the motor of following capacity monoblock pump including transportation, loading, unloading charges, replacement of bearing, greasing etc. complete as required. (DLP of the job shall be 6 months)				
a)	3.0 HP (For First Year)	1.00	JOB	5000.00	5000.00
b)	5.0 HP (For First Year)	1.00	JOB	5000.00	5000.00
c)	10.0 HP (For First Year)	1.00	JOB	5000.00	5000.00
d)	3.0 HP (For second Year)	1.00	JOB	5000.00	5000.00
e)	5.0 HP (For second Year)	1.00	JOB	5000.00	5000.00
f)	10.0 HP (For second Year)	1.00	JOB	5000.00	5000.00
2.4	Complete rewinding of ceiling/wall fan including transportation, loading, unloading charges, reinstallation etc. complete as required.				
a)	For First Year	35.00	JOB	500.00	17500.00
b)	For Second Year	35.00	JOB	500.00	17500.00
2.5	Complete rewinding of following size exhaust fan including transportation, loading, unloading charges, reinstallation etc. complete as required.				
a)	up to 225 mm size (For First Year)	10.00	JOB	500.00	5000.00
b)	up to 450 mm size (For First Year)	10.00	JOB	500.00	5000.00
c)	up to 225 mm size (For second Year)	10.00	JOB	500.00	5000.00
d)	up to 450 mm size (For second Year)	10.00	JOB	500.00	5000.00
2.6	Inspection, servicing and testing of oil circuit breaker of 3 Pole, 400A, 11 KV Oil Circuit Breaker of the HT panel (Make: Crompton Greaves) from Manufacturer or Authorised Service Dealer or Specialised Agency installed at Old power house alongwith submission of the test reports.				
a)	For First Year	3.00	Each	2500.00	7500.00
b)	For Second Year	3.00	Each	2500.00	7500.00
2.7	Inspection, Servicing, Setting, Calibration and Testing of relay(2 nos. O/C relay & 1 no. E/F relay-3 Sets) of oil circuit breaker of 11 KV HT panel of old power house complete in all respect along with submission of test report.				
a)	For First Year	1.00	JOB	2500.00	2500.00
b)	For Second Year	1.00	JOB	2500.00	2500.00

S.NO	DESCRIPTION OF ITEM	UNIT	QTY.	RATE	AMOUNT
2.8	Dehydration and filtration of transformer oil at site including testing the BDV and acidity before and after testing and submission of test reports etc. as required for 750 KVA, 11/0.415 KV Transformers.				
a)	For First Year				
b)	For Second Year	2.00	JOB	10000.00	20000.00
2.9	Supply of transformer oil for topping up in transformers as required.	2.00	JOB	10000.00	20000.00
a)	For First Year				
b)	For Second Year	100.00	Litre	125.00	12500.00
2.10	Inspection, Servicing and Testing(all tests) of 750 KVA, 11/0.415 KV Transformers of old power house includes replacement of silica gel, rectification of any oil leakage etc. as required at site along with submission of test report.	100.00	Litre	125.00	12500.00
a)	For First Year				
b)	For Second Year	2.00	JOB	10000.00	20000.00
2.11	Inspection, Servicing and Testing of 100 KVA, 3.3 / 0.433 KV Dry Type Transformer i/c carrying out Insulation Test HT / LT side with Meggar, Voltage Ratio Test, Magnetic Balance Test, Tightening of Stamping, Removing of Moisture if Insulation value low and Insulation Testing of 3.3 KV HT Cable etc. as required at site.	2.00	JOB	10000.00	20000.00
a)	For First Year				
b)	For Second Year	4.00	JOB	10000.00	40000.00
2.12	Painting of following poles in 2 coats by using Aluminium paint of approved make (Asian / Berger) including pole boxes, cleaning of surface etc., as required including rewriting the identification Sl.No.	4.00	JOB	10000.00	40000.00
a)	80 mm Dia GI pipe pole of length not exceeding 2 Mt.				
2.13	Spray Painting of sheet metal enclosures of electrical panels / feeder pillars inside the power house, Pump room & ATC building including cleaning the surface and one coats of grey or any other color of make (Asian / Berger) including rewriting the identification the circuit, Protecting and covering the electrical accessories during painting and removing after work is over etc., as reqd.	480.00	Each	100.00	48000.00
		50.00	Square Meter	50.00	2500.00
SH:III EXECUTION OF WORKS AS PER CPWD SCHEDULE OF WORKS (E&M) 2018 AND SPECIFICATIONS AS AND WHEN REQUIRED.					

DESCRIPTION OF ITEM

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S.NO	DESCRIPTION OF ITEM	UNIT	QTY.	RATE	AMOUNT
3.1	Execution of works as per CPWD DSR (E&M) 2018, DAR (E&M) 2018 & Latest CPWD Specifications as & when required. CPWD DSR (E&M) - Chapter 1 to 10 & 14 The rate shall be quoted for this item as per examples given below: - Please refer SCC before quoting rates for this item. • If Bidder wants to quote the rate at-par with rates of DSR - 2018 (E&M), then bidder has to quote 1.00 in the rate column. • If Bidder wants to quote the rate 10 % Above the rates of DSR - 2018 (E&M), then bidder has to quote 1.10 in the rate column. • If Bidder wants to quote the rate 10 % Below the rates of DSR - 2018 (E&M), then bidder has to quote 0.90 in the rate column.				
a)	First Year	200000.00	%	1.00	200000.00
b)	Second Year	200000.00	%	1.00	200000.00
4.1	SH:IV CMC of ACs, Water Coolers and Water Purifiers Annual Comprehensive Maintenance Contract of the following Capacity AC units (including replacement of compressor & refilling of refrigerant) installed at various locations in the Airport Premises as per general and special terms and conditions attached.				
a)	1 TR Window/split Type AC Units (For First year)	18.00	Per Unit per Year	1000.00	18000.00
b)	1.5 TR/ 2.0 TR Window/split Type AC Units (For First year)	48.00	Per Unit per Year	1500.00	72000.00
c)	3.0 TR Split/Cassette Type AC Units (For First year)	15.00	Per Unit per Year	2000.00	30000.00
d)	1 TR Window/split Type AC Units (For Second year)	18.00	Per Unit per Year	1000.00	18000.00
e)	1.5 TR/ 2.0 TR Window/split Type AC Units (For Second year)	48.00	Per Unit per Year	1500.00	72000.00
f)	3.0 TR Split/Cassette Type AC Units (For Second year)	15.00	Per Unit per Year	2000.00	30000.00
4.2	Annual Comprehensive Maintenance Contract of the following Capacity AC units(excluding compressor but including refilling of refrigerant) installed at various locations in the Airport Premises as per general and special terms and conditions attached.				
a)	1 TR Window/split Type AC Units (For First year)	5.00	Per Unit per Year	1000.00	5000.00

S.NO	DESCRIPTION OF ITEM	UNIT	QTY.	RATE	AMOUNT
b)	1.5 TR/ 2.0 TR Window/split Type AC Units (For First year)	34.00	Per Unit per Year	1500.00	51000.00
c)	3.0 TR Split/Cassette Type AC Units (For First year)	9.00	Per Unit per Year	2000.00	18000.00
d)	1 TR Window/split Type AC Units (For Second Year)	5.00	Per Unit per Year	1000.00	5000.00
e)	1.5 TR/ 2.0 TR Window/split Type AC Units (For Second Year)	34.00	Per Unit per Year	1500.00	51000.00
f)	3.0 TR Split/Cassette Type AC Units (For Second Year)	9.00	Per Unit per Year	2000.00	18000.00
4.3	Annual Comprehensive Maintenance Contract of the following Capacity Conventional Type Water Coolers (excluding compressor but including refilling of refrigerant) installed at various locations in the Airport Premises as per general and special terms and conditions attached.				
a)	Water Coolers of 80 Ltrs capacity (For First Year)	6.00	Per Unit per Year	3000.00	18000.00
b)	Water Coolers of 80 Ltrs capacity (For Second Year)	6.00	Per Unit per Year	3000.00	18000.00
4.4	Annual Comprehensive Maintenance Contract of the following Capacity Conventional Type Water Coolers (including replacement of compressor & refilling of refrigerant) installed at various locations in the Airport Premises as per general and special terms and conditions attached.				
a)	Water Coolers of 80 Ltrs capacity (For First Year)	7.00	Per Unit per Year	3000.00	21000.00
b)	Water Coolers of 80 Ltrs capacity (For Second Year)	7.00	Per Unit per Year	3000.00	21000.00
4.5	Supply and fixing of suitable size copper refrigerant piping with expanded polythene foam insulation tubing covering for A/C units.	50.00	Mtr	1000.00	50000.00
4.6	Annual comprehensive maintenance & repair including attending preventive & breakdown maintenance of following Water Purifiers (with and without integral chiller units) by deputing authorized service dealer of RO/UV water purifiers of different makes & capacities, installed at different places including replacement of filter cartridge, RO Membrane, carbon filter & defective parts/PVC pipes/Iron clamps, internal filter elements etc. with same company make spares including arresting the leaks etc. as required.				

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S.NO	DESCRIPTION OF ITEM	UNIT	QTY.	RATE	AMOUNT
4.6.1	CMC of 10 Ltr Storage RO filter Cum UV water Purifier of make Eureka Forbes Model :				
a)	Aquaguard Reviva RO+ UV with all accessories for providing drinking, complete as required.	1.00	Per Unit per Year	3000.00	3000.00
b)	For Second Year	1.00	Per Unit per Year	3000.00	3000.00
4.6.2	CMC of Hot and Cool type RO water filter Cum UV Purifier of make Eureka Forbes Model :				
a)	Aquaguard RO+ UV with all accessories for providing drinking water complete as required.	1.00	Per Unit per Year	3000.00	3000.00
b)	For Second Year	1.00	Per Unit per Year	3000.00	3000.00
4.6.3	CMC of the Aquaguard Pure Chill 60/80 UV Water Cooler cum purifier, make : Eureka Forbes, including replacement of compressor, filters, PCB, pumps/motors, U.V. Lamp etc. as per breakdown / preventive maintenance requirement.				
a)	For First Year	2.00	Per Unit per Year	3000.00	6000.00
b)	For Second Year	2.00	Per Unit per Year	3000.00	6000.00
4.6.4	CMC of Cooler cum Purifier of capacity 40 LPH, 3 stage purification, make : Eureka Forbes, model: Aquaguard AGCCP, Including replacement of Filters(pre filter & carbon filter), Solinoied Valve, PCB, U.V.Lamp etc. as per breakdown maintenance requirement.				
a)	For First Year	4.00	Per Unit per Year	3000.00	12000.00
b)	For Second Year	4.00	Per Unit per Year	3000.00	12000.00
4.6.5	CMC of Purifier of make : Eureka Forbes, model: Aquaguard AG -200, Including replacement of Filters(pre filter & carbon filter), Solinoied Valve, PCB, U.V.Lamp etc. as per breakdown maintenance requirement.				
a)	For First Year	5.00	Per Unit per Year	3000.00	15000.00
b)	For Second Year	5.00	Per Unit per Year	3000.00	15000.00

S.NO	DESCRIPTION OF ITEM	UNIT	QTY.	RATE	AMOUNT
4.6.6	CMC of 25 LPH capacity RO+UV+UF water Purifier of make: Kent, Model :Elite Plus, with all accessories for providing drinking water, complete as required.				
a)	For First Year	3.00	Per Unit per Year	3000.00	9000.00
b)	For Second Year	3.00	Per Unit per Year	3000.00	9000.00
4.6.7	CMC of 50 LPH capacity RO+UV+UF water Purifier of make: Kent, Model :Elite Plus, with all accessories for providing drinking water, complete as required.				
a)	For First Year	8.00	Per Unit per Year	3000.00	24000.00
b)	For Second Year	8.00	Per Unit per Year	3000.00	24000.00
4.6.8	CMC of 40 LPH capacity RO filter Cum UV water Purifier of make: Kent, Model :Elite, with all accessories for providing drinking water, complete as required.				
a)	For First Year	2.00	Per Unit per Year	3000.00	6000.00
b)	For Second Year	2.00	Per Unit per Year	3000.00	6000.00
Total Amount					15272500.00
Less Discount @ 2.898936% agreed by the agency vide their letter no. NIL dated 27.04.2022					442740.00
Grand Total after discount					14829760.00

(Rupees One Crore Forty Eight Lakh Twenty Nine Thousand Seven Hundred Sixty Only)

NOTE :- GST EXTRA AS APPLICABLE

1541
1541
1541 (ET)

Asstt. General Manager (Engg-Elect)
AAI, DABH Airport, Indore

15/06/2022