

संदर्भ: भाविप्रा/पुणे/अभि(वि)/पावर हाउस/एमडब्ल्यू-04/2023-24/766 दिनांक: 27.02.2024

सेवा में,

मैसर्स एस.एन. इलेक्ट्रिक एंड मॅटेनेंस प्राइवेट लिमिटेड,
मैजानाइन फ्लोर, प्लॉट नंबर -17 ब्लॉक-सी,
पैरामाउंट टॉवर, सी.सी. जनकपुरी,
नई दिल्ली (पश्चिम)-110058

To,

**M/s. S. N. ELECTRIC & MAINTENANCE
PRIVATE LIMITED,**

Mazzanine Floor, Plot No -17 Block-C,
Paramount Tower, C.C. Janakpuri,
New Delhi (West)-110058

Email Id: snempl2020@gmail.com

Contact No.: 9999750187

कार्य आदेश/AWARD LETTER

कार्य का नाम : 2024 से 2025 के दौरान पुणे हवाई अड्डे पर पावर हाउस के इलेक्ट्रिकल और
मैकेनिकल प्रतिष्ठानों का संचालन और रखरखाव।

**Name of Work: Operation and maintenance of Electrical and Mechanical
Installations of Power House at Pune Airport
During 2024 to 2025.**

संदर्भ: आपका टेंडरआयडी नं. 2024_AAI_182212_1 की वित्तीय बोली दिनांक 19.02.2024 खोली
गई।

Ref: You're tender ID No: 2024_AAI_182212_1 Financial Bid Opened on 19.02.2024.

महोदय/ Dear Sir,

- ऊपर उल्लेखित कार्य हेतु आपका टेंडर अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है, आपके द्वारा बताए गए मद मूल्यों पर आपकी टेंडर राशि कुल **₹. 49,22,097.40 (Excluding GST)** (उंचास लाख बाईस हजार सत्तानवे और चालीस पैसे रुपये मात्र) है जो कि टेंडर की जस्टीफ़ायड राशि ₹. 50,95,582.00 (Excluding GST) से 3.4 % नीचे 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 **Rs 49, 22,097.40 ((Excluding GST)** (Rupees Forty Nine Lakhs Twenty Two Thousand Ninety Seven & Forty paisa Only) which is 3.4 % below the Justified Cost put to tender of Rs. 50,95,582.00 (Excluding GST).
 - संयुक्त महाप्रबंधक, अभि (विद्युत), भाविप्रा पुणे विमानक्षेत्र कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि आप आपकी ओर से एक विश्वसनीय प्रतिनिधि नियुक्ति करें जो करार नामे पर हस्ताक्षर करने के लिए अधिकृत हो।
- तथा वह दिनांक **08.03.2024** तक संयुक्त महाप्रबंधक, अभि(विद्युत), पुणे एयरपोर्ट के कार्यालय में उपस्थित हो तथा करार नामे को पूरा करें। ठेके का करार नामा **₹. 100/-** नानज्यूडिसियल स्टम्प पेपर पर निष्पादित किया जाएगा तथा पेपर का खर्च आपके द्वारा उठाया जायगा।

2. Jt.G.M. (Engg-E), AAI, Pune Airport 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 Jt.G.M. (Engg-E), AAI, Pune Airport by **08.03.2024** to sign and complete the 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. कृपया इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर जमानत राशि की बकाया **रु.4,92,209.74** (रुपये चार लाख ब्यानबे हजार दो सौ नौ और चौहतर पैसे मात्र) अदा की जाए अन्यथा निविदा दस्तावेज़ के कंडीशन 1A पेज संख्या GCC-17 के अनुसार उक्त राशि रनिंग बिल से कटौती की जाएगी।
3. Please deposit **4,92,209.74** (Rupees Four Lakhs Ninety Two Thousand Two Hundred and Nine & seventy four paise 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 condition 1A on page no.GCC-17 of the contract document.
4. आपसे निवेदन है कि आप केंद्रीय और राज्य सरकारों 1970 के अधिनियम अनुबंध श्रम नियम तथा 1971 के केंद्रीय नियम (नियमन तथा उन्मूलन) एवं केंद्र तथा राज्य सरकार के न्यूनतम वेतन अधिनियम और नियमों के प्रावधान का अनुपालन करें।
4. You are requested to comply with the provisions of contract labour (Regulation and abolition) Act of 1970 and contract labour (Regulation & abolition) Central rules 1971 and minimum wages Act & rules thereof central and state Governments.
5. आपको निर्देश दिया जाता है कि आप तुरंत उप महाप्रबन्धक (अभि-विद्युत), भाविप्रा, पुणे विमानक्षेत्र से मिले वह आपको साइट सौंपने की व्यवस्था करेंगे।
5. You are also directed to Contact Deputy Gen. Manager (Engg-E), AAI, Pune Airport, Immediately who will arrange to hand over the site to you.
6. कृपया नोट कर लें कि काम पूर्ण करने का अवधि बारह **(12) माह** दिनांक **01.03.2024 से 28.02.2025** तक गिना जायगा।
- डी.एल.पी.:** डीफेक्ट लाईबिलिटी पीरियड काम पूरा होने की अंतिम प्रमाणित तिथि से 06 महीने हैं।
- इस कार्य हेतु सिक्यूरिटी डिपॉजिट, इनकम टैक्स, लेबर सेस और अन्य जैसी कटौती लागू होने पर संविदा की विशेष शर्तों के अनुसार भुगतान किया जाएगा।
- सुरक्षा जमा 10% डीफेक्ट लाईबिलिटी पीरियड के संतोषजनक समापन के बाद जारी किया जाएगा।

6. Please note that the time allowed for carrying out the work is Twelve (12) Months, which shall be reckoned from the date **01.03.2024 to 28.02.2025**

DLP : Defect Liability period is 06 months from the final certified date of work completion.

Payment shall be released as per special condition of contract after Deduction Like Security Deposit, Income Tax, Labour Cess and others as applicable. Security Deposit 10% shall be released after satisfactory completion of Defect Liability period.

7. इस ठेके के संबंध में आगे का कोई भी पत्राचार संयुक्त महाप्रबंधक (अभि-विद्युत), भाविप्रा, पुणे विमानक्षेत्र के पते पर किया जाए ।
7. Any further correspondence in connection with the contract should normally be addressed to the Deputy Jt.G.M. Manager (Engg-E), AAI, Pune Airport.

8. कृपया पावती भेजें।

8. Please acknowledge the receipt.

यदि अँग्रेजी और हिन्दी पाठ में कोई अंतर पाया जाता है तो अँग्रेजी विवरण सही माना जाएगा।

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

धन्यवाद / Thanking You,

भवदीय / Yours faithfully,


27/2/24

सं.म.प्र. (अभि-विद्युत)/Jt. GM. (Engg-E),
कृते तथा ओर से, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण,
For and on behalf of Chairman, Airports Authority of India.

संलग्न/Encl: Schedule of Quantity.



**AIRPORT AUTHORITY OF INDIA
PUNE AIRPORT, PUNE-411032.**

SCHEDULE OF QUANTITIES

Name of work : - Operation and maintenance of Electrical and Mechanical Installations of Power House at Pune Airport During 2024 to 2025.

Sr. No.	Description of Work / Item(s)	Qty	Units	Rate (Excl. GST)	Amount (Excl. GST)
1.00	Operation & maintenance of substation / Power House equipment i/c 11KV HT panel, Transformers, LT panels, AMF panels, Diesel Generators, pumps and other related works by deputing required manpower, tools & tackles as per special condition of contract to attend the compliants / faults / breakdown by taking rectification action, preventive maintenance including maintenance record, documentations to ensure serviceability / satisfactory working of complete electrical & mechanical systems round the clock in three shift including sundays & holidays etc. as per tender conditions.	12.00	Month	255174.25	3062091
2.00	Providing 01 no. highly skilled supervisor for monitoring of all type air-conditioning system like HVAC, VRF, VRV, Split AC, Tower AC etc., drinking water facilities like water fountain, water cooler etc. of Pune Airport including liaison with different departments of AAI, OEMs etc. including proper documentation, regular update of all kinds of faults etc. complete as directed by Engineer-In-Charge.	12.00	Month	31737.20	380846.4
3.00	Comprehensive maintenance contract of (CMC) of ventilation, exhaust system of Pune Airport power house situated at basement having supply air from evaporative air cooler of make Keruilai, model KT30B through duct and exhaust system through duct, 12.5 HP blower motor with canvass connection including inspection by expert manpower, rewinding of motor, repalcement of worn out defective parts/spares, consumables, tools & tackles, ladder, scaffolding, monitoring performance of system, speed, vibration, attending unlimited breakdown/complaint in minimum possible time etc. complete as required.	12.00	Month	5000.00	60000
4.00	Inspection servicing overhauling repair testing setting of existing 11 KV switchgear having 06 Nos. 800A rating VCB by the OEM or their authorised service providers as per OEM's standard recommendations, practices including providing all conumables, submitting test reports, complete checking & testing of all control wiring, attending unlimited breakdown, complaint call & ensure serviceability etc. as per direction of Engineer-In-Charge.	1.00	Job	85000.00	85000
5.00	Inspection servicing overhauling repair testing setting of existing 1.1 KV grade upto 2500 Amps rating LT Air Circuit Breakers (ACB) of different makes like ABB, L&T, Schneider, Siemens etc. by any OEM of LTACB or their authorised service provider as per OEM's standard recommendations, practices including providing all conumables, submitting test reports, complete checking & testing of all control wiring, attending unlimited breakdown, complaint call & ensure serviceability etc. as per direction of Engineer-In-Charge.	43.00	Each	4000.00	172000

6.01	Calibration of various types of electromagnetic /static /numerical relays installed in existing 11 KV VCB panels, LT panels by secondary current injection method including inspection, servicing, testing, repairs, settings, tripping test of circuit breaker, secondary circuit checking, rectification (if required), attending unlimited breakdown, complaint and submission of test reports as per standard practice and direction of Engineer-In-Charge. 02 or 03 overcurrent + 01 earth fault relay	9.00	Each	2500.00	22500
6.02	Earth fault relay	6.00	Each	2500.00	15000
7.00	Inspection and maintenance of 1500 KVA Dry type 11 KV/433 volt Distribution transformers by OEM or their authorised service providers as per OEM's standard recommendations, practices including cleaning by vacuum cleaner / blower, tightnings of HV and LV side cable terminals, control connections, earth connections, checking and testing of all protective, field protection relays connected with the transformer, insulation resistance checking, attending unlimited breakdown, complaint call, submission of report etc. complete as per direction of Engineer-In-Charge.	3.00	Each	35000.00	105000
8.00	Replacement including supply of front cover of LT air circuit breaker of different makes like ABB, Schneider, L&T, Siemens etc. suitable for site .	10.00	Each	1500.00	15000
9.01	Replacement testing commissioning including supply of following coils suitable for existing unserviceable LT ACB of different make like ABB, L&T, Schneider, Siemens etc. to make it serviceable upto the satisfaction of Engineer-In-Charge as when required. Closing coil	5.00	Each	1500.00	7500
9.02	Tripping Coil	5.00	Each	1500.00	7500
9.03	Under voltage release coil	3.00	Each	1500.00	4500
9.04	Spring Charging motor	3.00	Each	1500.00	4500
9.05	Arc Chute	3.00	Each	1500.00	4500
9.06	Circuit Breaker Auxiliary Contact	3.00	Each	1500.00	4500
10.00	Replacement testing commissioning including supply of 400A rating following model contactor suitable for the site including wiring, interconnection, all required retrofitting accessories etc. to ensure smooth operation of the associated switchgear up to the satisfaction of Engineer-In-Charge and dismantling of the existing contactor, shifting it to AAI store etc. complete as required. Make: ABB, Model A260-30 or equivalent.	3.00	Each	6500.00	19500
11.00	Replacement testing commissioning including supply of 10 HP, 10m-24.5m head range, 2130 LPM- 840 LPM discharge capacity, 415V 3-ph 50Hz dewatering pump with driving motor, impeller, coupler, starter panel etc. including suitable foundation on MS angle frame, connection with existing suction and discharge line by providing required reducers, flanges, gaskets, nuts, bolts, interconnection etc. and dismantling of existing pump, shifting it to AAI store complete as per site requirement and as directed by Engineer-In-Charge. Make: Kirloskar, Model: SP-4LA+ or equivalent.	1.00	Each	135000.00	135000

12.00	Replacement testing commissioning including supply of 5 HP, 10m-18m head range, 17 LPS- 3.5 LPS discharge capacity, 415V 3-ph 50Hz dewatering pump with driving motor, impeller, coupler, starter panel etc. including suitable foundation on MS angle frame, connection with existing suction and discharge line by providing required reducers, flanges, gaskets, nuts, bolts, interconnection etc. and dismantling of existing pump, shifting it to AAI store complete as per site requirement and as directed by Engineer-In-Charge. Make: Kirloskar, Model: SP-3L+M or equivalent.	1.00	Each	58000.00	58000
13.00	Replacement testing commissioning including supply of 3 HP, 9m-23m head range, 9 LPS- 2 LPS discharge capacity, 415V 3-ph 50Hz dewatering pump with driving motor, impeller, coupler, starter panel etc. including suitable foundation on MS angle frame, connection with existing suction and discharge line by providing required reducers, flanges, gaskets, nuts, bolts, interconnection etc. and dismantling of existing pump, shifting it to AAI store complete as per site requirement and as directed by Engineer-In-Charge. Make: Kirloskar, Model: SP-2HM or equivalent.	1.00	Each	42500.00	42500
14.00	Replacement testing commissioning including supply of 2HP 1-ph 230V 50Hz dewatering submersible pump including connection, discharge pipe line of suitable size etc. complete as required. Make: KSB, Model: AMAPORTER503 SE or equivalent.	1.00	Each	53000.00	53000
15.00	Replacement testing commissioning including supply of 1-ph 230V 50Hz min. 40LPM diesel transfer fuel pump with suction and discharge pipe lines, connection etc. and dismantling of existing pump, shifting it to AAI store complete as per site requirement and as directed by Engineer-In-Charge.	1.00	Each	4850.00	4850
16.00	Replacement testing commissioning including supply of Red / Yellow / Green / Orange / Blue / White coloured existing indicating lamps with new universal voltage (24 to 240 V AC/DC) LED indicating lamps installed at different panels including connection etc. complete as per site requirements.	100.00	Each	100.00	10000
17.01	Replacement testing commissioning including supply of following digital meter by replacing existing meter including connection, making suitable cutout and/or fixing metal blanking plate if necessary etc. complete as required as per the direction of Engineer-In-Charge. Digital multifunction meter of 415 V, 50 Hz, 3 Phase, 5A, class 1.0 Make Schneider Konzerv, Model No. EM-6436H or Equivalent.	15.00	Each	8500.00	127500
17.02	Digital voltmeter 415V 3-phase class 0.5	5.00	Each	1800.00	9000
17.03	Digital ammeter class 0.5, 1/5A, 3-phase	5.00	Each	1800.00	9000
18.00	Replacement testing commissioning including supply of extended rotating mechanism of different make, rating MCCB as and when required including panel cutting & making hole (if required), screw, nut etc. to ensure smooth operation of the MCCB under closed condition of the panel door complete as required.	10.00	Each	1500.00	15000

19.00	Replacement testing commissioning including supply of suitable type TNC (Trip-Nutral-Close) handle (2 trip + 2close) in existing LT, HT panel including wiring, expert manpower, tools etc. to operate the ACB/VCB through the TNC handle complete as required.	10.00	Each	1000.00	10000
20.00	Replacement testing commissioning including supply of HT, LT panel locking arrangement by new SS304 material panel locking arrangement, providing key & ensure proper closing of panel door as and when required up to the satisfaction of Engineer-In-Charge.	50.00	Each	150.00	7500
21.00	Replacement testing commissioning including supply of PVC foot valve of size upto 6 inch dia as per site requirement for the existing dewatering pums etc. complete as required.	3.00	Each	1850.00	5550
22.00	Replacement testing commissioning including supply of voltage monitoring relay (VMR) at existing panel as and when required & ensure smooth operation of associated ACB upto the satisfaction of Engineer-In-Charge. Make: PROTON, Model: VMR 3P or equivalent.	3.00	Each	2500.00	7500
23.00	Replacement setting testing commissioning including supply of 800SQ-A-230 analog time switches etc. complete as required.	3.00	Each	840.00	2520
24.01	Replacement testing commissioning including supply of following MCCB Ics=Icu on the existing LT panel including making whole, fixing screw, nut, bolts, adjusting interconnecting links with busbar, cable if required, dismantling of existing MCCB and handing over the same to AAI store etc. complete as per site requirement & directed by Engineer-In-Charge on as and when required basis. 63 Amp 4 Pole MCCB, Breaking capacity 36 kA	2.00	Each	4560.00	9120
24.02	125 Amp 4 Pole MCCB, Breaking capacity 36 kA	2.00	Each	6250.00	12500
24.03	160 Amp 4 Pole MCCB, Breaking capacity 36 kA	2.00	Each	9560.00	19120
24.04	250 Amp 3 Pole MCCB, Breaking capacity 36 kA	2.00	Each	12375.00	24750
24.05	250 Amp 4 Pole MCCB, Breaking capacity 36 kA	2.00	Each	15750.00	31500
24.06	400 Amp 3 Pole MCCB, Breaking capacity 36 kA	2.00	Each	12375.00	24750
24.07	400 Amp 4 Pole MCCB, Breaking capacity 36 kA	2.00	Each	15750.00	31500
25.00	Replacement testing commissioning including supply of CGI14C relay or better model in existing 11kV switchgear panel by dismantling existing protective relay and handing over to AAI including proper wiring, primary injection, submission of test report, training to AAI staffs etc. complete as per the site requirement and as directed by Engineer-In-Charge.	4.00	Each	12500.00	50000
26.00	Replacement laying including supply of XLPE insulated & PVC sheathed following size aluminium conductor, armoured cable of 1.1 KV grade conforming to IS- 7098 (Part-I) with up to date ammendements etc. complete as & when required & directed by Engineer-In-Charge. 4 C x 25 sq.mm.	500.00	Meter	165.00	82500
27.00	Fabrication and supply of stainless steel board with suitable SS stand of overall height of 4 ft (approx.) showing encrypted message in black color "WORK IN PROGRESS, SORRY FOR INCONVINIENCE" or as directed by Engineer-In-Charge including transportation etc. complete as required.	5.00	Each	3500.00	17500

28.00	Replacement testing commissioning including supply of DOL starter for 3-ph 5HP dewatering pump motor set including connection, fixing on wall with screws, nuts, washer etc. complete as required and dismantling of existing starter, shifting it to AAI store.	2.00	Each	4500.00	9000
29.00	Replacement testing commissioning including supply of Star-Delta starter for 3-ph 12.5HP dewatering pump motor set including connection, fixing on wall with screws, nuts, washer etc. complete as required and dismantling of existing starter, shifting it to AAI store.	1.00	Each	12500.00	12500
30.00	Replacement testing commissioning including supply of Panel cooling fans of reputed make working on 230V 50 Hz AC supply, having durability & long life as and when required up to the satisfaction of Engineer-In-Charge.	5.00	Each	1250.00	6250
31.00	Replacement testing commissioning including supply of 750mm sweep, 1500 rpm appx heavy duty air circulator Pedestal Fans (wall/floor mounted) working on 230V 50 Hz AC supply as and when required up to the satisfaction of Engineer-In-Charge.	5.00	Each	4850.00	24250
32.00	Calibration of various types of Current Transformers/Potential transformers installed in existing 11 KV VCB panels, LT panels by primary current/voltage injection method including inspection, servicing, testing, repairs, settings, polarity testing, insulation testing, rectification (if required), attending unlimited breakdown, complaint and submission of test reports as per standard practice and direction of Engineer-In-Charge.	10.00	Each	1500.00	15000
33.00	Carrying out Fogging/spray treatment for mosquitoes/pests in power house through mechanical fogging methods as & when directed by Engineer-In-Charge.	4.00	Job	5000.00	20000
34.00	Annual maintenance of NASU Make CCRs (2 Nos. 7.5 KW, 2 Nos. 4 KW) i/c repairing of defective CCRs by identifying the fault, repairing of defective PCB's and other components and service the same, i/c calibration of CCRs and complete checking, servicing on as & when required basis by carrying out OEM Visit & submission of necessary reports etc. (1 Visit includes servicing & repair of all 4 Nos. CCRs)	1.00	Visit	65000.00	65000
				TOTAL	49,22,097.40

GST 18% Extra as applicable


 Jt.GM (Engg.-Elect.)
 AAI, Pune Airport, Pune
 संयुक्त महाप्रबंधक (अधि-विद्युत)/JGM (Engg.-Elect.)
 भाविप्रा, पुणे एयरपोर्ट/ AAI, Pune Airport