



संख्या / No: AAI/BD/AGM(E-E)/MW-02/2023-24/168

दिनांक / Date: 19.10.2023

सेवा मे / To,

M/s. Abhishek Integrations Limited,
801, Venus Benecia, Pakvan Dining Lane,
Opp. -Rajpath Club,S.G. Highway,
Bodakdev, Ahmedabad-380053
E-Mail: info@abhishekintegrations.com

विषय/Subject: Work contract for Operation & Maintenance, Additional/Alteration works of E&M Installations including CMC of ACs & Water Coolers/Purifiers at Bagdogra Airport for 2 years (2023-25).

संदर्भ / Ref: 1) E-Tender ID No.: 2023_AAI_165293_2

प्रिय महोदय / Dear Sir(s),

1. उपर्युक्त कार्य हेतु आपका निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है, आपके द्वारा बताए गए मद मूल्यों पर आपकी उद्धृत राशि कुल रु. 2,01,53,581.00 (जी.एस.टी. छोड़कर), जो कि टेंडर की न्यायोचित राशि रु. 2,53,51,191.00 से 20.50% नीचे 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. 2,01,53,581.00** (Rupees Two Crore One Lakh Fifty Three Thousand Five Hundred and Eighty One Only) excluding GST, which is 20.50% (Twenty point Five zero percent) below the Justified Cost of Rs. 2,53,51,191.00 (excluding GST).

2. सहायक महाप्रबंधक (अभि.-विद्युत), भा.वि.प्रा., बागडोगरा हवाईअड्डा, बागडोगरा-734421, इस कार्य के लिए प्रभारी इंजीनियर होंगे। आपसे निवेदन है कि आपकी ओर से आप अथवा आपके द्वारा अधीकृत प्रतिनिधि नियुक्त करें जो करारनामे पर हस्ताक्षर करने के लिए अधिकृत हो तथा वह दिनांक 15.11.2023 तक सहायक महाप्रबंधक (अभि.-विद्युत) के कार्यालय में करार पर हस्ताक्षर करने एवं उसको पूरा करने हेतु उपस्थित हो। ठेके का करारनामा रु. 100/- (रुपया एक सौ मात्र) के नॉन ज्युडिशियल स्टाम्प पेपर पर निष्पादित किया जाएगा तथा स्टाम्प पेपर का खर्च आपके द्वारा वहन किया जाएगा।

Assistant General Manager (Engg. -Elect.), AAI, Bagdogra Airport, Bagdogra-734421 shall be the Engineer-in-Charge of the work. You are requested to attend the office of Assistant General Manager (Engg. -Elect.), AAI, Bagdogra Airport, Bagdogra – 734421 by 15.11.2023 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. कृपया इस पत्र के 10 दिन में सुरक्षा जमा के लिए रु. 20,15,358/- जमा करवा दें, ऐसा नहीं करने पर संविदा दस्तावेज के पृष्ठ 16 | GCC पर दी गई क्लॉज़ जी.सी.सी. 1(ए) के अनुसार आपके रनिंग बिल से काट ली जाएगी।

Please deposit Rs. 20,15,358/- (Rupees Twenty Lakhs Fifteen Thousand Three Hundred and Fifty Eight Only) towards Security Deposit within 10 days from issue of this letter, failing which, the same will be deducted from your running bills as per GCC clause 1(A) on page 16 | GCC of the contract document.

4. आपसे निवेदन है कि आप केंद्रीय और राज्य सरकारों 1970 के अधिनियम श्रम अनुबंध नियम तथा 1971 के केंद्रीय नियम (नियमन तथा उन्मूलन) एवं केन्द्र 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 & Abolition) Act 1970 and Contract Labour (Regulation & Abolition) Central Rules 1971 and minimum wages act and rules thereof Central and State Governments.

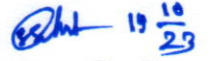
5. कृपया ध्यान दें कि कार्य को पूरा करने के लिए अनुमानित समय 24 (चौबीस) महीने है जो कि 01.11.2023 से प्रारंभ होगा।

Please note that the time allowed for carrying out the work shall be 24 (Twenty Four) months and same shall be reckoned from 01.11.2023.

6. आपको निर्देश दिया जाता है कि आप तुरंत सहायक महा प्रबंधक (अभि.-विद्युत), भा.वि.प्रा., बागडोगरा हवाईअड्डा, बागडोगरा-734421 से मिले वह आपको साईट सौंपने की व्यवस्था करेंगे।
You are directed to contact with the Assistant General Manager (Engg. -Elect.), AAI, Bagdogra Airport, Bagdogra-734421 who will arrange to hand over the site to you.
7. इस ठेके के संबंध में आगे का कोई भी पत्राचार इंजीनियर-इन-चार्ज को किया जाएगा।
Any further correspondence in connection with the contract should normally be addressed to the Engineering-in-Charge.
8. कृपया पावती भेजे और स्वीकृति प्रतिलिपि के तौर पर संलग्नित पत्र की हस्ताक्षरित प्रति इस कार्यालय को अवश्य भेजे।
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. यदि अंग्रेजी और हिन्दी पाठ में कोई असंगति पाया जाता है तो अंग्रेजी 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 : i) Schedule of work.

निष्ठा पूर्वक/Yours faithfully,



(शुभ्र शान्त घोष /Subhra Santa Ghosh)
सहायक महा प्रबंधक (अभि.-विद्युत),
Assistant General Manager (Engg. -Elect.),
ए.ए.आई./बागडोगरा विमानतल
AAI, Bagdogra Airport.
सिलिगुड़ी-734421/Siliguri-73421

AIRPORTS AUTHORITY OF INDIA
ENGINEERING ELECTRICAL WING
BAGDOGRA AIRPORT

SCHEDULE OF QUANTITY

Name of Work: WORK CONTRACT FOR OPERATION & MAINTENANCE, ADDITIONAL/ALTERATION WORKS OF E&M INSTALLATIONS INCLUDING CMC OF ACS & WATER COOLERS/PURIFIERS AT BAGDOGRA AIRPORT FOR 2 YEARS (2023-25).

Sl.No	Description of Work / Item(s)	Quantity	Units	Rate (Rs)	Amount (Rs)
1.00	Operation & Maintenance of Electrical & Mechanical installations (Conveyor Belts, Lifts, Fire Alarm and Fire Fighting System etc.) of Operational and Non-Operational areas including periodical maintenance, repairs, attending to complaints /fault /breakdowns and taking rectification action, ensuring serviceability / satisfactory working condition of the entire system, maintenance of records/documentation etc. on all days including Sundays and holidays on round the clock basis complete as required, as per the detailed specifications, terms and conditions covered under this contract.	24.00	Month	₹ 6,57,379.00	₹ 1,57,77,096.00
2.00	Complete items of CPWD schedule of rates (electrical) internal & External- 2018 as and when required basis. Total amount of work to be executed amounting to Rs. 3,00,000/- during contract period as per DSR 2018. [Note: Example for quoting the rate- (i) If bidder wants to quote the rates at par with rates of DSR-2018 (E & M), then bidder has to quote Rs. 3,00,000.00 in the rate column. (ii) If bidder wants to quote the rate 10% above on rate of DSR-2018 (E & M), then bidder has to quote Rs. 3,30,000.00 in the rate column. (iii) If bidder wants to quote the rate 10% below on rate of DSR-2018 (E & M), then bidder has to quote Rs. 2,70,000.00 in the rate column. Above examples are for guidance to bidders only.]	1.00	Job	₹ 3,00,000.00	₹ 3,00,000.00
3.00	Servicing, Calibration & Testing of existyng 11 KV HT panel consist of (a) 1 incomer- 1250 A VCB & 2 outgoing - 800 A VCB (b) Overcurrent & earth fault current relay (Nos.), (c) Auxiliary/Trip relays -7 Nos (d) Annuciator(03 Nos.) and meters(03 Nos.) through calibration machine having valid calibrated certificate of Govt./NABL lab and submission of test reports complete as reqd.	2.00	Jobs	₹ 18,000.00	₹ 36,000.00
4.00	Servicing, Calibration & Testing of LT Panel consist of (a) ACB, Model - L&T C - Power - 1000 A (5 Nos.) (b) ACB, Model - L&T C - Power - 2000 A (3 Nos.) through calibration machine having valid calibrated certificate of Govt./NABL lab and submission of test reports complete as reqd:	1.00	Jobs	₹ 16,000.00	₹ 16,000.00

AGH (E&E)

Sl.No	Description of Work / Item(s)	Quantity	Units	Rate (Rs)	Amount (Rs)
5.00	Filtration of transformer oil in 1.25 MVA, 11KV / 415 V transformer including testing of transformer oil (acidity, BDV, etc.) before and after filtration, confirming to latest indian standard at site till the reach of satisfactory di-electric strength of 50KV or above and submitting the report, also Testing of Winding Temperature Indicator (WTI), Oil Temperature Indicator (OTI), Buchholz Relay, Pressure Release Valve (PRV) AND replacement of silica gel of transformer etc as complete as required.	4.00	Job	₹ 12,000.00	₹ 48,000.00
6.00	Top up the Transformers with ISI marked Transformer oil during filtration as per site requirement etc complete as required.	100.00	Ltr.	₹ 120.00	₹ 12,000.00
7.00	Repairing including rewinding and replacement of bearings of ceiling fan/wall fan/ exhaust fan of all make/model/type including transporting from the AAI store (as may be required) and returning back after thorough service etc as complete as required. (Dismantled copper wire need not to return to AAI)	50.00	Nos.	₹ 400.00	₹ 20,000.00
8.00	Repairing including rewinding and replacement of bearings of Air curtains/AirCirculators/ Pedestal fan of all make/model/type including transporting from the AAI store (as may be required) and returning back after thorough service etc as complete as required. (Dismantled copper wire need not return to AAI)	20.00	Nos.	₹ 600.00	₹ 12,000.00
9.00	Repairing including rewinding and replacement of bearings of three phase monoblock pump set upto 5HP rating of all make/model/type including transporting from the AAI store (as may be required) and returning back after thorough service etc as complete as required. (Dismantled copper wire need not return to AAI)	10.00	Nos.	₹ 3,500.00	₹ 35,000.00
10.00	Repairing including rewinding and replacement of bearings of three phase submersible pump set upto 5HP of all make/model/type including transporting from the AAI store (as may be required) and returning back after thorough service etc. as complete as required. (Dismantled copper wire need not return to AAI)	4.00	Nos.	₹ 3,500.00	₹ 14,000.00
11.00	Lifting and lowering of submersible pump set of various capacities alongwith GI pipes from a depth upto 200m due to defect in existing pump set on urgent basis within a short notice including connection of cable, jointing of cable etc with successful testing & commissioning etc as complete as required.	4.00	Jobs	₹ 6,500.00	₹ 26,000.00
12.00	Painting with providing synthetic enamel paint of approved brand and manufacturer by spray painting method after thorough cleaning of existing LT panels/feeder pillars in installed condition including minor repair and providing red oxide primer as per site requirement and upto the satisfaction of EIC etc as complete as required.	50.00	Sq.mtr.	₹ 70.00	₹ 3,500.00


AGM(E-B)

Sl.No	Description of Work / Item(s)	Quantity	Units	Rate (Rs)	Amount (Rs)
13.00	Painting with providing synthetic enamel paint of approved brand and manufacturer by spray painting method after thorough cleaning of existing street poles (upto 11 m) installed including minor repair and providing red oxide primer as per site requirement and upto the satisfaction of EIC etc as complete as required.	120.00	Nos.	₹ 950.00	₹ 1,14,000.00
14.00	Comprehensive maintenance of single/three phase High Wall/Tower/Ductable Type Split AC of following capacity of all makes and models/types with voltage stabilizers (if installed) at different locations including providing two numbers manpowers (one technician & one helper in each shift) in two shifts for all days with all necessary consumables and maintenance spares etc. as complete as required as per special conditions.				
14.01	i) First Year				
14.02	a) 1.5 TR, Single/Three Phase High Wall Split AC	66.00	Nos.	₹ 1,000.00	₹ 66,000.00
14.03	b) 2 TR, Single Phase High Wall Split AC	6.00	Nos.	₹ 1,000.00	₹ 6,000.00
14.04	c) 3 TR, Three Phase Tower Type Split AC	3.00	Nos.	₹ 1,000.00	₹ 3,000.00
14.05	d) 3 TR, Three Phase Ductable AC	3.00	Nos.	₹ 1,000.00	₹ 3,000.00
14.06	e) 4 TR, Three Phase Floor Mounted Tower Type Split AC	41.00	Nos.	₹ 1,000.00	₹ 41,000.00
14.07	ii) Second Year				
14.08	a) 1.5 TR, Single/Three Phase High Wall Split AC	66.00	Nos.	₹ 1,000.00	₹ 66,000.00
14.09	b) 2 TR, Single Phase High Wall Split AC	6.00	Nos.	₹ 1,000.00	₹ 6,000.00
14.10	c) 3 TR, Three Phase Tower Type Split AC	3.00	Nos.	₹ 1,000.00	₹ 3,000.00
14.11	d) 3 TR, Three Phase Ductable AC	3.00	Nos.	₹ 1,000.00	₹ 3,000.00
14.12	e) 4 TR, Three Phase Floor Mounted Tower Type Split AC	66.00	Nos.	₹ 1,000.00	₹ 66,000.00
15.00	Dismantling of split Airconditioners (Both indoor and outdoor unit as required) of different make and capacity installed at different locations of the airport complete as required as per site condition.				
15.01	a) High Wall Split type AC Upto 2 TR	20.00	Nos.	₹ 300.00	₹ 6,000.00
15.02	b) Floor Mounter Split Type Tower AC upto 4 TR	20.00	Nos.	₹ 300.00	₹ 6,000.00
16.00	Reinstallation of split Airconditioners (Both indoor and outdoor unit as required) of different make and capacity installed at different locations of the airport including gas charging, making foundation/fixing iron angle etc complete as required as per site condition.				
16.01	a) High Wall Split type AC Upto 2 TR	20.00	Nos.	₹ 1,080.00	₹ 21,600.00
16.02	b) Floor Mounter Split Type Tower AC upto 4 TR	20.00	Nos.	₹ 1,080.00	₹ 21,600.00
17.00	Extra for Supply and Laying of suitable size Cu piping along with thermal insulation & protective tape and FRLS PVC insulated multi core Cu conductor cable for connection between indoor and outdoor unit etc. complete as required for following type of ACs.				
17.01	a) High Wall Split type AC Upto 2 TR	200.00	Meter	₹ 540.00	₹ 1,08,000.00
17.02	b) Floor Mounter Split Type Tower AC upto 4 TR	200.00	Meter	₹ 540.00	₹ 1,08,000.00
18.00	Supply and laying of following size of hard uPVC pipe (16KG/CM2) for draining out the water as per site conditions, as complete as required.				

Agm (E&D)

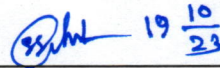
Sl.No	Description of Work / Item(s)	Quantity	Units	Rate (Rs)	Amount (Rs)
18.01	a) 20 mm	200.00	Meter	₹ 57.00	₹ 11,400.00
18.02	b) 25 mm	200.00	Meter	₹ 57.00	₹ 11,400.00
19.00	Comprehensive maintenance of standalone Water Purifiers installed at different locations including providing all necessary consumables and spares etc. as complete as required as per special conditions. (Maintenance should be done through OEM/ Authorized dealer).				
19.01	i) First Year				
19.02	a) Make: Eureka Forbes, Model: Hi-Flo (AG-200)	3.00	Nos.	₹ 7,155.00	₹ 21,465.00
19.03	ii) Second Year				
19.04	a) Make: Eureka Forbes, Model: Hi-Flo (AG-200)	3.00	Nos.	₹ 4,980.00	₹ 14,940.00
20.00	Comprehensive maintenance of Aquaguard Cooler cum Purifier installed at different locations including providing all necessary consumables and spares etc. as complete as required as per special conditions. (Maintenance should be done through OEM/ Authorized dealer).				
20.01	i) First Year				
20.02	a) Make: Eureka Forbes, Model: AGCCP (PG-600)	1.00	No.	₹ 11,335.00	₹ 11,335.00
20.03	ii) Second Year				
20.04	a) Make: Eureka Forbes, Model: AGCCP (PG-600)	1.00	No.	₹ 8,795.00	₹ 8,795.00
21.00	Comprehensive maintenance of Industrial type Water Purifier Cum Cooler (60/80 ltrs.) installed at different locations including providing all necessary consumables and spares etc. as complete as required as per special conditions. (Maintenance should be done through OEM/ Authorized dealer).				
21.01	i) First Year				
21.02	a) Make: Eureka Forbes, Model: 80PSS	5.00	Nos.	₹ 17,365.00	₹ 86,825.00
21.03	ii) Second Year				
21.04	a) Make: Eureka Forbes, Model: 80PSS	5.00	Nos.	₹ 15,125.00	₹ 75,625.00
22.00	Comprehensive maintenance of water coolers of all makes (Voltas/ Blue Star) of different capacity installed at different locations including providing all necessary consumables and spares etc. as complete as required as per special conditions.				
22.01	i) First Year				
22.02	a) 60/120 ltrs.	1.00	Nos.	₹ 11,340.00	₹ 11,340.00
22.03	b) 150/150 ltrs.	3.00	Nos.	₹ 12,720.00	₹ 38,160.00
22.04	ii) Second Year				
22.05	a) 60/120 ltrs.	1.00	Nos.	₹ 11,340.00	₹ 11,340.00
22.06	b) 150/150 ltrs.	3.00	Nos.	₹ 12,720.00	₹ 38,160.00
23.00	Service visit through OEM/Specialised Agency for carrying out servicing/maintenance of Addressable/Non-addressable type Complete FAD System with all detectors, response indicators, Manual Call station, Hooters, Fire alarm control panel etc. installed in Admin Building/Power House of Bagdogra Airport in case of breakdown/ emergency/ as and when required and submission of service / maintenance report of OEM or Specialized Agency complete in all respect.	8.00	Job	₹ 21,000.00	₹ 1,68,000.00

Handwritten signature
AGM(E-C)

Sl.No	Description of Work / Item(s)	Quantity	Units	Rate (Rs)	Amount (Rs)
24.00	Service visit through OEM/Specialised Agency for carrying out servicing/maintenance of Addressable type Complete FAD System with Graphic User Interface (GUI) / Operator work station with PC, all detectors, response indicators, Manual Call station, Hooter-cum-Strobe, Loop Isolator module & other related accessories as applicable installed in Terminal Building of Bagdogra Airport in case of breakdown/ emergency/ as and when required and submission of service / maintenance report of OEM or Specialized Agency complete in all respect.	4.00	Job	₹ 12,000.00	₹ 48,000.00
25.00	Service visit through OEM/Specialised Agency for carrying out servicing/maintenance of complete fire fighting system installed in terminal building of Bagdogra Airport in case of breakdown/ emergency/ as and when required and submission of service / maintenance report of OEM or Specialized Agency complete in all respect.	8.00	Job	₹ 30,000.00	₹ 2,40,000.00
26.00	Deployment of following manpower at site for carrying out various operation and maintenance works to meet the actual site requirements as and when required.				
26.01	a) Electrician (Skilled)	1650.00	Day	₹ 832.00	₹ 13,72,800.00
26.02	b) Helper (Un-Skilled)	1650.00	Day	₹ 628.00	₹ 10,36,200.00
Total Amount Rs.					₹ 2,01,53,581.00

(Total Amount: Rupees Two Crore One Lakh Fifty Three Thousand Five Hundred Eighty One Only)

* Note: GST will be paid on production of actual tax invoice as per prevailing rates Govt. Of India


 Asstt. Gen. Manager (Engg-Elect)
 AAI, Bagdogra Airport
 Bagdogra-734421