



संख्या: एएआई/एजीटी/इंजी(इ)/अवार्ड-01/2022-23

दिनांक/ Date: 29/04/2022

No.: AAI/AGT/ENGG(E)/AWARD-01/2022-23/01

सेवा में / To,

मेसर्स/M/S Abhishek Integration Limited,
801, Venus Benecla, Pakvan Dinning Lane,
Opp. Rajpath Club, SG Highway,
Bodakdev, Ahmedabad-380053.

कार्य का नाम/Name of Work: एम.बी.बि. एयरपोर्ट, अगरतला में ई एंड एम प्रतिष्ठानों का एआरएमओ (2022-25)। सब हेड: 11 केवी सबस्टेशन, एनडीबी, परिचालन क्षेत्र और जीएलएफ सिस्टम का 03 वर्षों तक संचालन एवं लघु अनुरक्षण कार्य / ARMO of E & M installations at M.B.B. Airport, Agartala (2022-25). SH: Operation and Minor Maintenance of 11 KV Substation, NDB, Operational area and GLF System for 03 years.

संदर्भ /Ref : Tender ID No./टेंडर आई डी संख्या- 2022_AAI_107676_1

महोदय/Dear Sir,

ऊपर उल्लिखित कार्य हेतु आपका टेंडर अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकार किया जाता है, आपके द्वारा मद मूल्यों पर कोटेड राशि कुल रु. 1,91,93,450/- (रु. एक करोड़ इक्यानवे लाख तिरानवे हजार चार सौ पचास मात्र) (जीएसटी को छोड़कर), जो कि टेंडर की अनुमान राशी रु. 2,23,26,535/- से 14.03% प्रतिशत 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.1,91,93,450/-** (Rupees One Crore Ninety One Lakh Ninety Three Thousand Four Hundred Fifty only) (excluding GST), which is 14.03% below the Estimated cost put to tender of **Rs. 2,23,26,535/-**.

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उप महाप्रबंधक (अभि-विद्युत), भा.वि.प्रा, अगरतला हवाई अड्डा इस कार्य के प्रभारी-अभियंता होंगे आपसे निवेदन है कि करारनामे पर हस्ताक्षर करने के लिए दिनांक 14-05-2022 तक उप महाप्रबंधक (अभि-विद्युत), अगरतला के कार्यालय में 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।

Dy. General Manager (Engg-E), AAI, Agartala Airport shall be the Engineer-In-Charge of the work. You are requested to attend the office of the Dy. General Manager (Engg-E), AAI, Agartala Airport by **14-05-2022** 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.

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भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India



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आपके टेंडर के साथ प्राप्त धरोहर राशी रु. 4,46,531/- (रुपये चार लाख छियालीस हजार पांच सौ इकतीस मात्र) ठेके के दस्तावेज से पृष्ठ 17 पर दी गई शर्त 1(A) के अनुसार जमानत राशी परिवर्तित कर दी गई है। कृपया इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर जमानत राशी की बकाया रु. 14,72,814/- (रुपये चौदह लाख बहतर हजार आठ सौ चौदह मात्र) अदा की जाए अन्यथा निविदा दस्तावेज के कंडीशन 1(A) पेज संख्या 17 के अनुसार उक्त राशी उनके रनिंग बिल से कटौती की जाएगी।

The earnest money amount of **Rs. 4,46,531/-** (Rupees Four Lakh Forty Six Thousand Five Hundred Thirty One only) received along with your tender will be treated and converted as part of security deposit as per clause 1(A) on page 17 of tender contract document. Please deposit **Rs. 14,72,814/-** (Rupees Fourteen Lakh Seventy Two Thousand Eight Hundred Fourteen 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 1(A) on page 17 of the contract document.

आपसे निवेदन है कि अनुबंध श्रमिक (विनियमन तथा उन्मूलन) अधिनियम 1970, अनुबंध श्रमिक (विनियमन तथा उन्मूलन) केंद्रीय नियम 1971, केंद्र तथा राज्य सरकार के न्यूनतम वेतन अधिनियम और नियमों के प्रावधानों का अनुपालन अवश्य करें।

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.

आपको निर्देश दिया जाता है कि आप तुरंत सहायक महा प्रबंधक (अभि-विद्युत), भा.वि.प्रा. म.बी.बि. हवाईअड्डा, अगरतला से सम्पर्क करें वह आपको साइट सौंपने की व्यवस्था करेंगे।

You are also directed to contact Asst. Gen. Manager (Engg-E), AAI, MBB Airport, Agartala, immediately who will arrange to hand over the site to you.

कृपया नोट कर लें कि कार्य करने का समय 03 (तीन) साल है जो कि **01-05-2022** से गिना जाएगा।

Please note that the time allowed for carrying out the work is **03(Three) Years**, which shall be reckoned from **01-05-2022**.

इस ठेके के संबंध में आगे का कोई भी पत्राचार प्रभारी-अभियंता को किया जाएगा।

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

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कृपया पावती भेजें और स्वीकृति प्रतीक 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.

भवदीय/ Yours faithfully,

संलग्न/Encl: Bill of Quantities

Pages-03


(सुधीर त्रिपाठी /Sudhir Tripathi)

उप महाप्रबंधक (अभि-विद्युत)/Dy.G.M.(Engg-E)
कृते तथा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से

For and on behalf of Chairman,
Airports Authority of India.

BILL OF QUANTITIES

Name of work: ARMO of E & M installations at M.B.B. Airport, Agartala (2022-25). SH: Operation and Minor Maintenance of 11 KV Substation, NDB, Operational area and GLF System for 03 years.

Item No.	Items of Work	Quantity	Unit	Rate (Rs)	Amount (Rs)
1.00	Providing man power for Operation and maintenance of all Internal and External electrical installations related to 11KV Substation, NDB, Operational area, GLF system etc and other electrical installations installed at Operational area by attending complaints / faults/breakdown including rectification & ensuring serviceability/satisfactory working condition of the systems on all the days i/c Sundays, Saturdays & holidays in shifts/general duties. The following manpower including reliever has to be deployed by the contractor:- Note: The weekly off for all worker is mandatory. (i) Site Executive - 01 No. (ii) Highly Skilled (Computer Operator) - 01 No. (iii) Skilled - 09 Nos. (iv) Semi-Skilled - 03 Nos. (v) Unskilled - 07 Nos.				
1.01	For 1st Year	1.00	Job	5300000.00	53,00,000.00
1.02	For 2nd Year	1.00	Job	5300000.00	53,00,000.00
1.03	For 3rd Year	1.00	Job	5300000.00	53,00,000.00
2.00	Painting/spray painting of Runway/Taxiway/Approach lights/landing - T/Feeder pillar/LT panel/street lights pole height upto 10 metre above ground level /apron flood lighting lattice tower/ DG sets/750 KVA/380 KVA DG set exhaust pipe/1600 KVA power transformer/existing surface of rolling shutter etc with two coats of synthetic yellow paint/aluminium paint/smoke grey synthetic enamel paint /synthetic enamel paint of aviation yellow/ emulsion after scrapping, cleaning, putty filling and applying one coat of chrome yellow primer coat/suitable primer including numbering with black synthetic enamel paint etc. complete as required and as directed by Engineer-in-charge. The selection of colour would be as directed by Engineer-in Charge.	300.00	Sq mm	385.00	1,15,500.00

Item No.	Items of Work	Quantity	Unit	Rate (Rs)	Amount (Rs)
3.00	Servicing of HT OCB [11 KV] by opening the main tank, replacement of main tank gasket, opening of bus-chamber & termination chamber cleaning the same and tightening the joints, cleaning of moving & fixed contact and application of silicon grease, degreasing of gear box and refilling the grease box with grease of proper grade, cleaning of auxiliary contacts, replacement of the faulty indicating lamps and checking of mechanical system to restore healthiness and smooth operation as per site requirement & as directed by Engineer-in-Charge.	12.00	Job	21450.00	2,57,400.00
4.00	Servicing, testing of relay (O/C 2 Nos. + E/F 1 No.) installed in HT OCB panel as incommer i/c checking functions of auxiliary relays (testing of tripping system by secondary injection kit) and calibrating the same at site etc. as directed by Engineer-in-charge.	6.00	Job	21450.00	1,28,700.00
5.00	Servicing, testing of relay (O/C 2 Nos.+ E/F 1 No) installed in HT OCB panel as outgoing to transformers i/c checking function of auxiliary relay (confirming the tripping mechanism of the breaker due to high winding temperature, high oil temperature and due to buckloz relay activation of the connected transformer), checking of tripping system by secondary injection kit, tightening the terminals if required including pressure test at site etc. and calibration of the same, as directed by Engineer in-charge.	6.00	Job	19800.00	1,18,800.00
6.00	Arresting leakage of 1600 KVA, 11KV/0.430 KV transformer by replacement of all Gaskets with synthetic rubberised Cork sheet of thickness 6mm [min] including draining out transformer oil, dismantling top cover, disconnecting HV/LV bushing, refixing top cover after carrying out work, tightening of nut & bolts including replacement of old rusted nuts & bolts, top up transformer oil & replacement of silica gel of Breather as per specification & as directed by Engineer-in-charge.	2.00	Job	25300.00	50,600.00
7.00	Dehydration of insulating oil of transformers, Oil Circuit Breakers and servo stabilizer, using on-line oil purification equipment (with inbuilt heating arrangement to attend break down voltage not less than 50 KV) including testing of breaking strength prior and post purification etc. complete at different locations and as directed by Engineer-in-charge.	6000.00	Ltr.	33.00	1,98,000.00

Item No.	Items of Work	Quantity	Unit	Rate (Rs)	Amount (Rs)
8.00	Supply and filling of Transformer oil as per relevant IS Specification for top up as per site requirement.	600.00	Ltr.	149.00	89,400.00
9.00	Inspection and calibration with corrective action including maintaining of proper earth fault setting and overload setting by OEM engineer towards of all the installed Air Circuit Breaker (ACB) (1 job : Consisting of 2500 Amp. - 3 Nos., 1250 Amp. - 7 Nos., 1000 Amp. - 2 Nos. and 800 Amp. - 10 Nos.) including checking, taking parameters, rectification submission of report etc including replacement of 01 no. of closing coil, tripping coil, SP motor if required up to satisfaction of Engineer in charge.	3.00	Job	137500.00	4,12,500.00
10.00	Providing Maintenance kit for servicing of Air Circuit Breaker (1 box per ACB)	78.00	Each	825.00	64,350.00
11.00	Inspection and calibration with corrective action including maintaining of IM value within permissible limit by OEM engineer towards all of the installed Constant Current Regulator (CCR) (1 job: consisting of 11 nos. CCR from 4Kw upto 50 KW) including checking, taking parameters and submission of report and minor rectification works including replacement of upto 01 no. of digital Ammeter/Voltmeter if required up to the satisfaction of Engineer in charge.	6.00	Job	84700.00	5,08,200.00
12.00	Executing any items of CPWD-DSR-2018 as per direction of Engineer-in-charge (01 job work costing Rs.15,00,000/-). Note: Please refer Clause 35 at page GTT-7 while quoting the rate for this item.	1500000.00	Each	0.9	13,50,000.00
Total amount Rs.					19193450.00

(In words: Rupees One Crore Ninety One Lakh Ninety Three Thousand Four Hundred Fifty only)


 (Sudhir Tripathi)
 Dy. G. M. (Engg.-Elect)
 AAI, MBB Airport, Agartala