



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

सिलचर हवाई अड्डा

SILCHAR AIRPORT

सहायक महाप्रबंधक अभि.(वि) का कार्यालय

O/O ASSISTANT GENERAL MANAGER ENGG. (ELECTRICAL)

सं: भाविप्रा/सिल/ अभि.- वि./ ईएंडएम - एसएसएंडकेपीएच/2020-21/

दिनांक: 30.07.2020

Ref: AAI/SIL/ENGG-E/E&M-SS&KPH/2020-21/ 402-411

Date: 30.07.2020

सेवा,
एम/एस. सुदर्शना कूलिंग सेंटर एंड इलेक्ट्रिकल्स,
एडीपी रोड, क्रिश्चियन पैटी, नागांव,
असम - 788001

To,
M/s. Sudarshna Cooling Centre & Electricals
ADP Road, Christian patty, Nagaon.
Assam - 788001

कार्य का नाम :- रिपेयर एंड मेंटेनेंस ऑफ़ इ एंड म इन्स्टल्लसिओन्स एट सिलचर एयरपोर्ट.

सह: जॉब कॉन्ट्रैक्ट फॉर इ एंड म इन्स्टल्लसिओन्स एट 11केवी सबस्टेशन एंड कुम्भा पंप हाउस एंड एलाएड वर्क फॉर द इयर 2020-22।

Name of Work: - Repair & maintenance of E & M Installations at Silchar Airport

SH-Job contract for E&M Installations at 11 KV Substation & Kumbha pump house and allied works for the year 2020-22.

(Tender ID: 2020_AAI_51163_1)

प्रिय महोदय / Dear Sir (s),

- उपरोक्त कार्य के लिए आपका ई-टेंडर अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से आपके द्वारा उद्धरित मद दर जिसकी कुल राशि रु. **64,40,398/-** जीएसटी के बिना (चौसठ लाख चालीस हजार तीन सौ अठानबे केवल) लागत रु 75,16,427/- से 14.315% कम है, स्वीकृत किया जाता है।

Your E-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 **64,40,398/-** excluding GST (**Rupees Sixty Four Lakhs Forty Thousand Three Hundred & Ninety Eight only**) which is 14.315% below the Justified cost of Rs. 75,16,427/-.

- सहायक महाप्रबंधक (अभि-विदुत) कार्य के लिए प्रभारी इंजीनियर होंगे। आपसे अनुरोध है कि आप अपना प्रत्यायित प्रतिनिधि जिसे कि आप की ओर से संविदा करार पर हस्ताक्षर करने की शक्ति दी गई है। सहायक महाप्रबंधक (अभि-विदुत) के कार्यालय में करार पर हस्ताक्षर करने के लिए दिनांक **16.08.2020** को तैनात करें। (संविदा करार रु.100/- के नॉन ज्युडिशियल स्टाम्प पेपर पर निष्पादित किया जाएगा और स्टाम्प पेपर की लागत आपको ही वहन करनी होगी।)

Assistant General Manager (Engg.-Elect.), AAI, Silchar Airport, Silchar shall be the Engineer-in-Charge for the work. You are requested to attend the **O/o Assistant General Manager Engg (E), AAI, Silchar Airport by 16.08.2020** 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.

- आपके टेंडर के साथ प्राप्त बयाना राशि रु 1,50,329/- (एक लाख पचास हजार तीन सौ उनतीस केवल) को संविदा दस्तावेज के अनुसार सुरक्षा जमा के हिस्से के रूप में परिवर्तित कर दिया गया है। कृपया इस पत्र के जारी होने के 10 दिन में सुरक्षा जमा के लिए रु 1,71,691/- जमा करवा दें, ऐसा नहीं करने पर संविदा दस्तावेज की शर्त के अनुसार आपके रनिंग बिल से काट ली जाएगी।

The earnest money amount of Rs. 1,50,329/- (Rupees One Lakh Fifty Thousand Three Hundred & Twenty Nine only) received along with your Tender has been converted as part of security deposit as per contract document. Please deposit Rs. 1,71,691/- towards security deposit within 10 (Ten) days from the date of issue of this letter, failing which, the same will be deducted as per condition of the Contract document.

Silchar Airport, Kumbhirgram, Assam - 788109, Tele - 03841 - 282263



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4. आपसे अनुरोध है कि संविदा श्रमिक (विनियमन एवं समापन) अधिनियम 1970 और संविदा श्रमिक (विनियमन एवं समापन) केन्द्रीय नियमावली 1971, अधिन, केन्द्रीय और राज्य सरकार के न्यूनतम मजदूरी अधिनियम और ई.पी.एफ.एक्ट, 1952 एवं ई. एस. आई. एक्ट नियमों का पालन करें।

You are requested to comply with provision of Contract Labour (Regulation and Abolition) Act of 1970 and contract (Re regulation and Abolition) Central rules 1971, Minimum Wages Act & Rules, EPF Act, 1952 and ESI act thereof Central & State Governments.

5. आपको निर्देश दिए जाते हैं कि आप प्रबंधक (अभि-बिद्युत) से तत्काल सम्पर्क करें जो कि आपको कार्यस्थल सुपर्द करने कि व्यवस्था करेंगे।

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

6. कृपया यह नोट कर लें कि काम करने का समय **24 (चौबीस) महीने** है और जिसे 01st अगस्त 2020 से गिना जायेगा।

Please note that the time allowed for carrying out the work shall be **24 (Twenty-Four) months** and same shall be reckoned from 01st August 2020.

7. कार्य का दोष दायित्व 06 (छह) महीने का होगा।

The defect liability period of the work shall be 06 (Six) months.

8. संविदा के संबंध में आगे किया जाने वाला पत्राचार समान्यतः इंजीनियर प्रभारी से किया जाए।

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

9. कृपया इस आदेश की प्राप्ति को स्वीकार करें।

Please acknowledge the receipt of this order.

धन्यवाद/ Thanking you.

Encl: 1. Schedule of Quantities

अनुलानक : 1. शिड्युल ऑफ क्वान्टिटी

भवदीय / Yours faithfully

S.K. Baghel
30/07/2020
सहायक महाप्रबंधक (अभि-विद्युत)
Asstt. G.M. (Engg.-Elect.)
भा.वि.प्रा., सिलचर हवाई अड्डा
AAI, Silchar Airport

SCHEDULE OF QUANTITIES

Item Rate BoQ

Tender Inviting Authority: Asstt. G.M. (Engg-Electrical), AAI, Sirchar Airport.

Name of Work: Repair & maintenance of E & M Installations at sirchar Airport. SH-Job contract for E&M Installations at 11 KV substation & Kumbha pump house and allied works for the year 2020-22.

Tender Id: 2020_AAI_51163_1

Name of the Bidder/ Bidding Firm / Company :		Sudarshna cooling centre and electricals				
PRICE SCHEDULE (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)						
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE (Excluding GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT (Excluding GST) in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
1	Providing Maintenance Services of Electrical & Mechanical Installations viz power supply system of 11 KV Substation/power house, CTs, transformers, AVR's & HT & LT panels covering the scope of operation, repairs & maintenance, attending faults / breakdowns rectifications, ensuring serviceability / satisfactory working condition of the systems, preventive maintenance on daily/ weekly/ monthly/ quarterly/ half yearly/yearly basis, maintenance of records/documentation etc. as per scope of work given in special conditions of contract shall be ensured round the clock by the adequate manpower (ie. in three shifts basis basis , each shift of 8 hours) on all days including Sundays & National Holidays as per direction of EIC. For 1st Year	12.00	Month	141967.00	1703604.00	INR Seventeen Lakh Three Thousand Six Hundred & Four Only
2	Providing Maintenance Services of Electrical & Mechanical Installations viz power supply system of 11 KV Substation/power house, CTs, transformers, AVR's & HT & LT panels covering the scope of operation, repairs & maintenance, attending faults / breakdowns rectifications, ensuring serviceability / satisfactory working condition of the systems, preventive maintenance on daily/ weekly/ monthly/ quarterly/ half yearly/yearly basis, maintenance of records/documentation etc. as per scope of work given in special conditions of contract shall be ensured round the clock by the adequate manpower (ie. in three shifts basis basis , each shift of 8 hours) on all days including Sundays & National Holidays as per direction of EIC. For 2nd Year	12.00	Month	141967.00	1703604.00	INR Seventeen Lakh Three Thousand Six Hundred & Four Only
3	Day to day operation of kumbha pump house of 40HP/20HP water pump sets, i/c lighting & power supply system attending faults / breakdowns rectifications, ensuring serviceability / satisfactory working condition of the systems, preventive maintenance on daily/ weekly/ monthly/ quarterly/ half yearly/yearly basis, maintenance of records/documentation etc. as per scope of work given in special conditions of contract shall be ensured round the clock by the adequate manpower (ie. in three shifts basis , each shift of 8 hours) on all days including Sundays & National Holidays & as per direction of EIC. For 1st Year	12.00	Month	103900.00	1246800.00	INR Twelve Lakh Forty Six Thousand Eight Hundred Only
4	Day to day operation of kumbha pump house of 40HP/20HP water pump sets, i/c lighting & power supply system attending faults / breakdowns rectifications, ensuring serviceability / satisfactory working condition of the systems, preventive maintenance on daily/ weekly/ monthly/ quarterly/ half yearly/yearly basis, maintenance of records/documentation etc. as per scope of work given in special conditions of contract shall be ensured round the clock by the adequate manpower (ie. in three shifts basis , each shift of 8 hours) on all days including Sundays & National Holidays & as per direction of EIC. For 2nd Year	12.00	Month	103900.00	1246800.00	INR Twelve Lakh Forty Six Thousand Eight Hundred Only
5	Extra hours running & operation of Electrical installations of Airport due to exigencies/early or over watch hour extension beyond normal shift hours or as per specification. a) Services of High Skilled Person For 1st Year	100.00	Hours	77.00	7700.00	INR Seven Thousand Seven Hundred Only
6	Extra hours running & operation of Electrical installations of Airport due to exigencies/early or over watch hour extension beyond normal shift hours or as per specification. a) Services of High Skilled Person For 2nd Year	100.00	Hours	77.00	7700.00	INR Seven Thousand Seven Hundred Only
7	Extra hours running & operation of Electrical installations of Airport due to exigencies/early or over watch hour extension beyond normal shift hours or as per specification. a) Services of Skilled Person For 1st Year	100.00	Hours	66.00	6600.00	INR Six Thousand Six Hundred Only
8	Extra hours running & operation of Electrical installations of Airport due to exigencies/early or over watch hour extension beyond normal shift hours or as per specification. a) Services of Skilled Person For 2nd Year	100.00	Hours	66.00	6600.00	INR Six Thousand Six Hundred Only
9	Filtration & dehydration of insulation oil of existing HT installations (like- HT AVR'S & 11 KV indoor transformer) in substation using on line oil filtration equipment with initial heating arrangement to attain standard breakdown voltage including testing of breaking strength prior and past purification with certificate and replacement of silica gel of breather of the same etc as required and as per direction of Engg-in-charge. Location: Sub Station For 1st Year	4000.00	Ltr	21.00	84000.00	INR Eighty Four Thousand Only
10	Filtration & dehydration of insulation oil of existing HT installations (like- HT AVR'S & 11 KV indoor transformer) in substation using on line oil filtration equipment with initial heating arrangement to attain standard breakdown voltage including testing of breaking strength prior and past purification with certificate and replacement of silica gel of breather of the same etc as required and as per direction of Engg-in-charge. Location: Sub Station For 2nd Year	4000.00	Ltr	21.00	84000.00	INR Eighty Four Thousand Only

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11	Servicing , testing , checking and calibration of relay (over current 2 Nos + 1 No earth fault relay) installed in 11 KV HT panel including calibration and testing of 03 nos VCB (400 Amp) 11 KV HT - CG make with suitable secondary injection kit and submission of test certificate completed as required, checking the function of auxiliary relay (confirming the tripping) mechanism of the breaker due to high winding temperature, high oil temperature and due to bucholz relay , activation of the connection transformer, testing the of tripping system by secondary injection kit, lightning the terminals and termination, changing of all nuts and bolts i/c washers (if required), replacement of all insulator/bushing of 11 KV panel (01 incommer and 02 no out going+ insulators of PT section) (if required), replacement of the cork sheet and replacement of 3 sets of indoor type resin cast CTs (if required) i/c pressure test at site and calibrating the same complete as required and as per direction of Engg-in-charge. Location: Sub Station For 1st Year	1.00	Job	17800.00	17800.00	INR Seventeen Thousand Eight Hundred Only
12	Servicing , testing , checking and calibration of relay (over current 2 Nos + 1 No earth fault relay) installed in 11 KV HT panel including calibration and testing of 03 nos VCB (400 Amp) 11 KV HT - CG make with suitable secondary injection kit and submission of test certificate completed as required, checking the function of auxiliary relay (confirming the tripping) mechanism of the breaker due to high winding temperature, high oil temperature and due to bucholz relay , activation of the connection transformer, testing the of tripping system by secondary injection kit, lightning the terminals and termination, changing of all nuts and bolts i/c washers (if required), replacement of all insulator/bushing of 11 KV panel (01 incommer and 02 no out going+ insulators of PT section) (if required), replacement of the cork sheet and replacement of 3 sets of indoor type resin cast CTs (if required) i/c pressure test at site and calibrating the same complete as required and as per direction of Engg-in-charge.. Location: Sub Station For 2nd Year	1.00	Job	17800.00	17800.00	INR Seventeen Thousand Eight Hundred Only
13	Calibration and testing of Air Circuit Breaker (Make: GE) of capacity (Range: 800 Amp to 1250 Amp) using suitable secondary injection kit and submission of test certificate completed as required. Location: Sub Station For 1st Year	1.00	Job	10200.00	10200.00	INR Ten Thousand Two Hundred Only
14	Calibration and testing of Air Circuit Breaker (Make: GE) of capacity (Range: 800 Amp to 1250 Amp) using suitable secondary injection kit and submission of test certificate completed as required. Location: Sub Station For 2nd Year	1.00	Job	10800.00	10800.00	INR Ten Thousand Eight Hundred Only
15	Complete cleaning of jack well (Size: L= 4.5 mtr X B= 3.5 mtr X D= 0.50 mtr) at Kumbha Pump House along with cleaning and removal of mud/slugg in the jack well engaging sufficient no. of suitable workers provided with suitable tools and protective gadgets with adequate safety measures and disposal of the remove mud/slugg when it is required & as per direction of EIC. Location: Kumbha Pump House For 1st Year	4.00	Job	6200.00	24800.00	INR Twenty Four Thousand Eight Hundred Only
16	Complete cleaning of jack well (Size: L= 4.5 mtr X B= 3.5 mtr X D= 0.50 mtr) at Kumbha Pump House along with cleaning and removal of mud/slugg in the jack well engaging sufficient no. of suitable workers provided with suitable tools and protective gadgets with adequate safety measures and disposal of the remove mud/slugg when it is required & as per direction of EIC. Location: Kumbha Pump House For 2nd Year	4.00	Job	6200.00	24800.00	INR Twenty Four Thousand Eight Hundred Only
17	Complete Overhuling & repairing of 20 HP capacity water pump i/c replacement of defective keys, bush, necessary lathe work, replacement of ball bearing & gland packing, painting and replacement of worn out minor hardware items etc. after dismantling from the existing location, transportation upto the workshop if necessary & reinstallation of the same, testing etc complete as required as per site condition. Location: Kumbha Pump House	2.00	Job	15800.00	31600.00	INR Thirty One Thousand Six Hundred Only
18	Complete Overhuling & repairing of 40 HP capacity water pump i/c replacement of defective keys, bush, necessary lathe work, replacement of ball bearing & gland packing, painting and replacement of worn out minor hardware items etc. after dismantling from the existing location, transportation upto the workshop if necessary & reinstallation of the same, testing etc complete as required as per site condition. Location: Kumbha Pump House	2.00	Job	22100.00	44200.00	INR Forty Four Thousand Two Hundred Only
19	Complete Re-winding of burnt out cooper coils of stator of 20 HP capacity 3 Ph. induction motor, dismantling from the existing location, transporting upto the workshop and reinstallation of the motor after repair with new super anamel coated copper, heat brunishing alongwith all other necessary spare parts as required including giving less credit for the burntout copper coil complete as required. Location: Kumbha Pump House	2.00	Job	11800.00	23600.00	INR Twenty Three Thousand Six Hundred Only
20	Complete Re-winding of burnt out cooper coils of stator of 40 HP capacity 3 Ph. induction motor, dismantling from the existing location, transporting upto the workshop and reinstallation of the motor after repair with new super anamel coated copper, heat brunishing alongwith all other necessary spare parts as required including giving less credit for the burntout copper coil complete as required. Location: Kumbha Pump House	2.00	Job	31800.00	63600.00	INR Sixty Three Thousand Six Hundred Only
21	Replacement of Old damage Gate Valve of size 80mm made of CI material from the pipe line when it is required & as per direction of EIC.	2.00	Job	5815.00	11630.00	INR Eleven Thousand Six Hundred & Thirty Only
22	Replacement of Old damage Gate Valve of size 100mm made of CI material from the pipe line when it is required & as per direction of EIC.	2.00	Job	7149.00	14298.00	INR Fourteen Thousand Two Hundred & Ninety Eight Only
23	Replacement of Old damage foot Valve of size 80mm made of CI material from the pipe line when it is required & as per direction of EIC.	2.00	Job	5856.00	11712.00	INR Eleven Thousand Seven Hundred & Twelve Only
24	Replacement of Old damage foot Valve of size 100mm made of CI material from the pipe line when it is required & as per direction of EIC.	2.00	Job	8510.00	13020.00	INR Thirteen Thousand & Twenty Only
25	Replacement of Old damage Non return Valve of size 80mm made of CI material from the pipe line when it is required & as per direction of EIC.	2.00	Job	5395.00	10790.00	INR Ten Thousand Seven Hundred & Ninety Only
26	Replacement of Old damage Non return Valve of size 100mm made of CI material from the pipe line when it is required & as per direction of EIC.	2.00	Job	8170.00	12340.00	INR Twelve Thousand Three Hundred & Forty Only
Total in Figures					6440398.00	INR Sixty Four Lakh Forty Thousand Three Hundred & Ninety Eight Only
Quoted Rate in Words					INR Sixty Four Lakh Forty Thousand Three Hundred & Ninety Eight Only	

S.K. Baghel
Asstt. G.M. (Engg-Elect.)
AAI, Silchar Airport

30/07/2020