

संदर्भ सं. : भा.वि. प्रा./अभि./स.म. अभि.(वि)/जी. एच. वाइ-एम.डब्ल्यू -03/2020-21
FILE NO. : AAI/ENGG/Jt.GM(E-E)/GHY-MW-03/2020-21

दिनांक
DATE 13.05.2020
13.05.2020

सेवा मे / To,

M/s Sterling and Wilson Pvt. Ltd.,
Benfish, IT Building, 31, G.N. Block,
3rd Floor, Sector-V, Salt Lake City,
Kolkata-700091.

विषय/Subject:- Operation and Maintenance of E & M and GLF installations installed in Technical Block, Terminal Building, Operational area and Nav-Aids locations at LGBI Airport, Guwahati.

संदर्भ / Ref : 1) टेंडर खुलने का दिनांक / Your tender opened on Dt:06.03.2020.

2) निविदा संख्या व तारीख / NIT No. & Dt: AAI/ENGG/AGM(E-E)/GHY/NIT-30/2019-20/214-21, Date:07.02.2020.

Bid No. 2020_AAI_42401_1

प्रिय महोदय

1. उपर्युक्त कार्य के लिए आपकी निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से आप द्वारा उद्धरित मद दर जिसकी कुल राशि रु.2,77,72,349.00 (रुपया दो करोड़ सतहत्तर लाख बहत्तर हजार तीन सौ उनचास मात्र) है (जीएसटी को छोड़कर) जो कि अनुमानित लागत रु.3,13,43,903/- (जीएसटी को छोड़कर) से 11.39% प्रतिशत कम 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.2,77,72,349.00** (Rupees Two Crores Seventy Seven Lakhs Seventy Two Thousand Three Hundred & Forty Nine Only) (excluding GST) which is **11.39% Below** the Estimated cost of **Rs.3,13,43,903/-** (excluding GST).

2. सयुक्त. महाप्रबंधक (इंजी.-विद्युत), उ.पू.क्षे. भा.वि.प्रा. लो.गो.ब.अ. हवाईअड्डा, गुवाहाटी इस कार्य के लिए प्रभारी इंजीनियर होंगे। आपसे अनुरोध है कि आप अपना प्रत्यायित प्रतिनिधि जिसे कि आपकी ओर से संविदा करार पर हस्ताक्षर करने की शक्ति दी गई है को सयुक्त. महाप्रबंधक (इंजी.-विद्युत) के कार्यालय में करार पर हस्ताक्षर करने के लिए दिनांक 29.05.2020 तक नियुक्त करें। (संविदा करार रु 100/- के नॉन ज्युडिशियल स्टाम्प पेपर पर निष्पादित किया जाएगा और स्टाम्प पेपर की लागत आपको ही वहन करनी होगी।)

Jt. General Manager (Engg.-E), AAI, NER, LGBI Airport, Guwahati, 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. General Manager (Engg.-E) by 29.05.2020 to sign and complete the agreement. The contract agreement shall be executed on a non-judicial stamp paper of value **Rs.100/- (Hundred only)** and the cost of the stamp paper shall be borne by you.

3. आपकी निविदा के साथ प्राप्त बयाना राशि रु.6,26,878.00 (रुपया छह लाख छब्बीस हजार आठ सौ अठहत्तर मात्र) को संविदा दस्तावेज के पृष्ठ 39 पर दी गई शर्त 1(A) 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.21,50,357.00 (रुपया इक्कीस लाख पचास हजार तीन सौ सत्तावन मात्र) जमा करा दें, ऐसा नहीं करने पर संविदा दस्तावेज के पृष्ठ 39 पर दी गई खण्ड 1 (A) के अनुसार उपरोक्त राशि आपके रनिंग बिल से काट दी जाएगी।

The earnest money amount of **Rs.6,26,878.00** (Rupees Six Lakhs Twenty Six Thousand Eight Hundred & Seventy Eight Only), received along with your tender has been converted as part of security deposit as per Clause 1(A) on page-39 of the contract document. Please deposit **Rs. 21,50,357.00** (Rupees Twenty One Lakhs Fifty Thousand Three Hundred & Fifty Seven 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 bills as per Tender Clause-1A on page-39 of the contract document.

4. आपसे अनुरोध है कि संविदा श्रमिक (विनियमन एवं समापन) अधिनियम 1970 और संविदा श्रमिक (विनियमन एवं समापन) केन्द्रीय नियमावली 1971 और केन्द्रीय और राज्य सरकार के न्यूनतम मजदूरी अधिनियम और नियमों का पालन करें।

You are requested to comply with the provisions of Contract Labor (Regulation and Abolition) Act of 1970 and Contract Labor (Regulation and Abolition) Central Rules 1971 and Minimum wages Act & Rules there of Central and State Governments.

क्रमशः



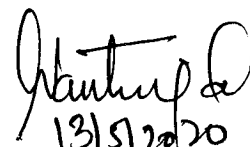
5. आपको निर्देश दिए जाते हैं कि, आप सहा. महाप्रबंधक (इंजी.-विद्युत), भा.वि.प्रा. लो.गो.ब.अ. हवाईअड्डा, गुवाहाटी से तत्काल सम्पर्क करें जो कि आपको कार्यस्थल सुपर्द करने की व्यवस्था करेंगे। कृपया यह नोट करे कि काम करने का समय दो (02) साल है जोकि कार्य आदेश देने के दिन 01.06.2020 तारीख से गिना जाएगा।

You are also directed to contact **Asstt. Gen. Manager (Engg.-E), AAI, LGBI Airport, Guwahati**, immediately who will arrange to handover the site to you. Please note that the time allowed for carrying out the work is Two (02) Years, which shall be reckoned from **01.06.2020**.

6. दोष दायित्व अवधि के अनुबंध के कार्यों के पूरा होने की तारीख से छह (06) महीने है।
Defect liability period of the contract is **SIX (06) MONTHS** from the date of completion of works.
7. संविदा के संबंध में आगे किया जाने वाला पत्राचार सामान्यतः सयुक्त. महा प्रबंधक (इंजी.-विद्युत), उ.पू.क्षे. भा.वि.प्रा. लो.गो.ब.अ. हवाईअड्डा, गुवाहाटी से किया जाए।
Any further correspondence in connection with the contract should normally be addressed to the **Jt. General Manager (Engg.-E), AAI, NER, LGBI Airport, Guwahati**.
8. कृपया पावती भिजवायें।
Please acknowledge the receipt.

Encl : Schedule A.

भवदीय / Yours faithfully,


13/5/2020
(D.P. NAUTIYAL)

सयुक्त. महाप्रबंधक (इंजी.-विद्युत)
Jt. General Manager (Engg.-E),
कृते अध्यक्ष की ओर से

For and on behalf of Chairman
भारतीय विमानपत्तन प्रधिकरण, उ. पु. क्षे.
Airports Authority of India, NER.



Airports Authority of India
Engineering Wing (Electrical)
LGBI Airport, Guwahati-15.

Schedule of Quantities

Name of work : Operation and Maintenance of E & M and GLF installations installed in Technical Block, Terminal Building, Operational area and Nav-Aids locations at LGBI Airport, Guwahati.

SL. NO.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
1.00	Operation and maintenance of all E&M installations alongwith all equipments of GLF system, LT panels, light fittings/fans, Perimeter lighting, High masts (New & old apron) installed at Technical Block/ DVOR/ DME/ Localizer/ Glide Path/ Inres / Fire section/ CISF Out post/ Hangar Building/ Runway and Operational area by engaging the manpower for carrying out preventive maintenance, attending breakdown maintenance/ complaints/ faults and taking rectification action to ensure the serviceability & satisfactory working condition of the system, maintenance of records/ documentation/ store/ dismantled materials etc. on round the clock basis on all working days including Saturdays, Sundays and holidays as per the detailed terms of special conditions, schedule of maintenance and specifications etc. complete as required.				
1.01	1st Year	12	Month	566186.00	6794232.00
1.02	2nd Year	12	Month	566186.00	6794232.00
2.00	Operation and maintenance of all E&M installations of 11kV/440Volts sub-station alongwith all equipments and installations i.e. HT/LT Panels, HT Transformers, AVR's, DG sets, AMF Panels, light fittings/fans etc. at Radar building by engaging the manpower for carrying out preventive maintenance, attending breakdown maintenance/ complaints/ faults and taking rectification action to ensure the serviceability & satisfactory working condition of the system, maintenance of records/ documentation/ store/ dismantled materials etc. on round the clock basis on all working days including Saturdays, Sundays and holidays as per the detailed terms of special conditions, schedule of maintenance and specifications etc. complete as required.				
2.01	1st Year	12	Month	146110.00	1753320.00
2.02	2nd Year	12	Month	146110.00	1753320.00

SL. NO.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
3.00	Operation and maintenance of all E&M installations of HT/LT electrical & mechanical installations at Outer Marker by engaging the manpower for carrying out preventive maintenance, attending breakdown maintenance/ complaints/ faults and taking rectification action to ensure the serviceability & satisfactory working condition of the system, maintenance of records/ documentation/ store/ dismantled materials/ transportation of HSD oil from AAI store to Outer Marker etc., at round the clock basis on all working days including Saturdays, Sundays and holidays as per the detailed terms of special conditions, schedule of maintenance and specifications etc.				
3.01	1st Year	12	Month	90000.00	1080000.00
3.02	2nd Year	12	Month	90000.00	1080000.00
4.00	Operation and routine cheaking, cleaning and minor adjustment etc. of "Elevators & Escalators" installed at different locations of Terminal Building on round the clock basis by engaging the manpower for operation, attending complaints/faults and taking corrective action to ensure the serviceability and satisfactory working of the system on all working days i/c Saturday, Sundays & holidays complete as required as per the detailed specifications, terms and condition under this contract.				
4.01	1st Year	12	Month	200900.00	2410800.00
4.02	2nd Year	12	Month	200900.00	2410800.00
5.00	Operation and routine checking, cleaning and minor adjustment of "Precision control Air conditioning plants" installed at New Rader building including maintaining required temperature by proper operation, taking follow up action for ensuring serviceability of Air conditioning plants on round the clock basis on all working days including Saturdays, Sundays and holidays as per the detailed specifications, terms and conditions under this contract.				
5.01	1st Year	12	Month	73000.00	876000.00
5.02	2nd Year	12	Month	73000.00	876000.00



SL. NO.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
6.00	Annual inspection and servicing of oil filled transformers of following capacities and ratings including cleaning, checking and tightening of bushings, valves, flanges etc for oil leakage, replacement of gaskets if required, checking Buchholz relay contacts & their operation, checking insulation resistance of transformer winding, checking of oil level gauges, oil temp indicator & winding temp guage contacts & their operation, checking and tightening of HV/LV cable terminations and body/neutral earthing including submission of report complete as per site requirements				
6.01	100KVA, 11/0.433KV	8	Job	2650.00	21200.00
6.02	315KVA, 11/0.433KV	4	Job	2650.00	10600.00
7.00	Dehydration of transformer insulating oil through centrifugal oil purifier/sprinkler machine and heating arrangement to attain withstand strength of 50 KV for one minutes including submission of test of breaking strength of oil report before and after dehydration etc. complete as required.	4000	Ltr.	11.00	44000.00
8.00	Supply and replacing the Silica gel in all type of Breathers installed in power transformers in various locations	10	Kg	195.00	1950.00
9.00	Annual Inspection, servicing, overhauling and testing of 11KV VCB panel comprising of 05nos. VCB's (02 incomers + 03 outgoings) totally enclosed, fully interlocked horizontal draw out type 630Amps VCB breakers panel of Kirloskar make from the OEM/ Authorized dealer as per the manufacturers recommendations including calibration of all relays (O/C & E/F Numerical relay, Master trip relay, Trip circuit supervision Relay and Auxiliary relay) installed in each VCB panel, chekcing and measurement of IR values of breakers and busbars, contact resistance of breakers etc as per the manufactures recommendations and submission of calibration/ service reports etc., as required. (Supply of spares excluded)				
9.01	First Year	1	Job	27500.00	27500.00
9.02	Second Year	1	Job	27500.00	27500.00
10.00	Visit charges for attending the breakdown maintenance for 11 KV HT panels with Kirloskar make VCBs including traveling allowances, boarding and lodging, consumables, tools and testing kit etc., as required (Supply of Spares excluded) (1 Job = 1 breakdown visit).	2	Job	12500.00	25000.00

SL. NO.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
11.00	Annual inspection, servicing, overhauling and testing of 315 KVA LT Automatic voltage stabilizer(Make : Automatic Electric Ltd.) comprising of Auto Step Up/Down Transformer, Controller unit & Buck/Boost Transformer including required service/repair, adjustment, setting, cleaning, replacement of defective wornout parts etc. from the OEM / Authorized dealer / Specialized agency including submission of report etc complete as per site requirements. (Supply of spares excluded)				
11.01	First Year	2	Job	4500.00	9000.00
11.02	Second Year	2	Job	4500.00	9000.00
12.00	Annual inspection, servicing, overhauling and testing of 630 Amps, 11KV RMU panel board comprising of LBS/VCB totally enclosed panel of Schneider make from the OEM/ Authorized dealer as per the manufacturers recommendations including calibration of all relays (O/L, E/F, Master trip etc.) installed in each RMU and submission of calibration/ service reports as required. (Supply of spares excluded)				
12.01	First Year	3	Job	35000.00	105000.00
12.02	Second Year	3	Job	35000.00	105000.00
13.00	Supply and replacement of following components in the existing HT/LT Panelboards including connections, returning of dismantled items to AAI store, setting/programming of meters etc complete as required				
13.01	LED type indication lamps (22.5mm) of 110VDC/230VAC (Red/ Yellow/ Green/ Amber)	70	Each	105.00	7350.00
13.02	LED type indication lamps (22.5mm) of 110VDC/230VAC (Blue/White)	30	Each	135.00	4050.00
13.03	Digital Multi Function Meter (V, A, F, PF, kW, kVA, KWh) with inbuilt selector switch, Class 1.0 accuracy	5	Each	2250.00	11250.00
13.04	3 phase Digital Ammeter with inbuilt selector switch, Class 1.0 accuracy	10	Each	975.00	9750.00
13.05	3 phase Digital Voltmeter with inbuilt selector switch, Class 1.0 accuracy	10	Each	975.00	9750.00
13.06	Electrical panel door lock (Stainless steel) of various sizes suitable for existing panels	50	Each	40.00	2000.00
13.07	Rotary handle of MCCBs of upto 125A capacity of all makes (Extended type)	10	Each	975.00	9750.00
13.08	Rotary handle of MCCBs of 160A-250A capacity of all makes (Extended type)	5	Each	1185.00	5925.00
13.09	Rotary handle of MCCBs of 315A-400A capacity of all makes (Extended type)	2	Each	1475.00	2950.00

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SL. NO.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
14.00	Supply and fixing of side hinged-door fixed with base SMC junction Box of size 250mmx200mmx100mm (Loop-in-Loop-out Box) on the GI pole with suitable size MS clamp including providing & fixing 63A, 4Pole connector for loop in & loop out to terminate 2Nos, 4 core 25 sq. mm. armoured aluminum cable, 6Amp SP MCB 'C' curve in din rail, Interconnection etc. as required. (Make: Sintex: model no. JS-JB-2520 or its equivalent)	100	Nos	1025.00	102500.00
15.00	Providing and fixing of following components for LED type continuous solar traffic Blinker light.				
15.01	LED type continuous solar traffic Blinker light of Red colour with minimum 172nos. of LED suitable for operation on 12V DC supply with ON/OFF provision alongwith all accessories etc. complete as required.	10	Each	3985.00	39850.00
15.02	12V, 26Ah battery suitable for solar traffic Blinker light with enclosures having lockable housing box etc. complete as required.	10	Each	1975.00	19750.00
16.00	Painting of electrical panels, feeder pillar box, PAPI Light fixtures, transformer housing box etc. with one or more coats of syntehtic enamel paint of approved shade (as per ICAO standard for PAPI Light fixtures) after cleaning the rusted area, providing the mask to meters, handles, sight glass/ lens etc. and removing the same after painting complete as per actual site requirements.	200	SQM	120.00	24000.00
17.00	Painting i/c numberingof Runway/Taxiway/ Approach light fittings with one or more coats of syntehtic enamel paint of recommended shade (as per ICAO standard) after cleaning the rusted area, providing the mask to lens area etc. and removing the same after painting complete as per actual site requirements.	100	Each	35.00	3500.00
18.00	Painting of existing street Light/perimeter Light poles of heights up to 6 Mtrs. with one or more coats of synthetic enamel paint / aluminium paint of approved shade after thoroughly cleaning the surface i/c numbering & Painting AAI logo on the poles.	100	Each	500.00	50000.00
19.00	Painting of following capacities/ratings of Transformers /LT Automatic voltage stabilizer as per direction of E-I-C with one or more coats of synthetic enamel paint of approved shade after through cleaning the surface, primer coat wherever required, providing the mask to meters, sight glass etc. and removing the same after painting etc complete as required as per site requirements.				
19.01	315KVA 11/0.433 kV Transformer	2	Job	2785.00	5570.00
19.02	100KVA 11/0.433 kV Transformer	4	Job	2100.00	8400.00



SL. NO.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
19.03	315 KVA LT Automatic voltage stabilizer	2	Job	3050.00	6100.00
20.00	Lettering with synthetic enamel paint of approved quality and brand with stencil of following letter size and spacing as per the direction of Engineer-in-charge at various panels / equipments etc as reqd. (Lettering of one letter/numeral is considered as 1 Each)				
20.01	Upto 30mm letter height	1200	Each	9.00	10800.00
20.02	Exceeding 30mm letter height but not exceeding 60mm letter height	200	Each	19.00	3800.00
21.00	Repairing of existing earth pit including providing and fixing of CI cover plate, funnel, necessary brick work, plastering & painting the masonry chamber complete as per site requirements	50	Job	1050.00	52500.00
22.00	Providing First Aid Box as approved by St. John Ambulance Brigade/Indian Red Cross conforming to IS 2217-1963 with upto date amendements.	5	Each	1750.00	8750.00
23.00	Detection of Cable fault in LT UG cable of rating 1.1 KV Grade 3/3.5/4 core Aluminium conductor of all sizes identifying pin point location with help of cable fault finding machine including transportation, deputing extra manpower, excavation and confirmation of cable fault but excluding cable jointing etc as per site requirement	10	Each	1500.00	15000.00
24.00	Detection of Cable fault in HT UG cable of rating 11 KV Grade 3 core / 1 core Aluminium conductor of all sizes by identifying the fault in pin point location with help of cable fault finding machine including transportation, deputing extra manpower, excavation and confirmation of cable fault but excluding cable jointing etc as per site requirement	5	Each	2000.00	10000.00
25.00	Hiring of Unskilled labours on day to day basis for unforeseen works like excavation, refilling, Shifting of materials, cleaning and other maintenance activities as directed by E-I-C at different locations of LGBI Airport etc. complete as required. (The contractor is bound to pay the minimum fair wages prevailing at the time of opening the tender and/or statutory increase in future during the entire period of the contractor by state/ central govt.) (one labour per day = 1 Job)	200	Job	673.00	134600.00



SL. NO.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
26.00	Execution of items of schedule of rates CPWD DSR-2018 as and when required for attending breakdowns, repair & maintenance and upkeep of internal and external electrical installations as per direction of E-I-C at different locations in operational area/ radar/ outermarker/ technical building/ ancillary building etc. complete as per the special Terms and Conditions in addition to General Terms and Condition of Contract as required. The bidder shall quote the rate in INR only for the job corresponding to Rs.10,00,000/- and percentage (%) above / below shall be calculated by AAI and paid accordingly after deducting GST component from the DSR-2018 rates.	1	Job	1000000.00	1000000.00

TOTAL Rs. 27772349.00

(Rupees Two Crores Seventy Seven Lakhs Seventy Two Thousand Three Hundred & Forty Nine Only)

Note: Rates are excluding GST, which shall be applicable as per prevailing rate.


 13/07/20
 Jt. Gen. Mgr. (Engg.-E)
 AAI, NER, LGBI Airport, Guwahati-15