

संदर्भ सं० : एएआई/इएनजीजी/ उप.महाप्रबंधक (इ-इ)/जीएचटी- सीडब्ल्यू-18/2020-21
FILE NO. : AAI/ENGG/DGM(E-E)/GHT-CW-18/2020-21

दिनांक13.01.2021.....
DATE13.01.2021.....

सेवा मे / To,

मैसर्स जे. एच. एसोसिएट्स/ M/s. J.H. Associates,
आजारा/ Azra, गुवाहाटी/ Guwahati – 781017.

विषय/Subject:- Provision of standby power supply arrangement for Hanger Substation at LGBI
Airport, Guwahati.

संदर्भ /Ref : 1) नि. सं व / NIT No.: AAI/ENGG/SM(E-E)/GHY/NIT-10/2020-21/1214-21; Date : 24.11.2020.
(Tender ID-2020_AAI_61929_1)
2) टेंडर खुलने का दिनांक / Your tender opened on 22.12.2020

महोदय / Dear Sir,

- उपर्युक्त कार्य के लिए आपका इ टेंडर अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से आप द्वारा उद्धरित मद दर जिसकी कुल राशि रु. 39,57,600.00 (रुपया उनतालीस लाख सत्तावन हजार छह सौ मात्र) (जी.एस.टी. रहित) है जो कि अनुमानित राशि रु. 46,14,984.00 से 14.25 % प्रतिशत कम है, को एतद्वारा स्वीकार किया जाता है।
Your e-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. 39,57,600.00 (Rupees Thirty Nine lakh Fifty Seven Thousand Six Hundred Only) exclusive of GST which is 14.25% BELOW the estimated cost put to tender of Rs. 46,14,984.00.
- उप. महाप्रबंधक (इंजी.-विद्युत), भा.वि.प्रा. लो.गो.ब.अ. हवाईअड्डा, गुवाहाटी-781 015, 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 को उप. महाप्रबंधक (इंजी.-विद्युत) के कार्यालय में करार पर हस्ताक्षर करने के लिए दिनांक 22.01.2021 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।
Dy. General Manager (Engg.-E), AAI, LGBI Airport, Guwahati-781 015, 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 Dy. General Manager (Engg.-E) by 22.01.2021 to sign and complete the 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 ई-टेंडर के साथ प्राप्त बयाना राशि रु. 92,300.00 (रुपया बानबे हजार तीन सौ मात्र) ऑनलाइन मोड ई-पोर्टल के माध्यम से कार्यादेश के उपरांत आपके स्रोत खाते में वापस कर दिए जाएंगे। कृपया इस पत्र के जारी होने के 10 दिन में सुरक्षा जमा के लिए रु 3,95,760.00 (रुपया तीन लाख पंचानबे हजार सात सौ साठ मात्र) जमा करवा दें, ऐसा नहीं करने पर संविदा दस्तावेज पृष्ठा 63 पर दी गई शर्त Clause 1A के अनुसार आपके बिल से काट दी जाएगी।
The earnest money amount of Rs. 92,300.00 (Rupees Ninety Two Thousand Three Hundred Only) received online along with your e-tender will be refunded to your source account after completion AOC through e-portal itself. Please deposit Rs 3,95,760.00 (Rupees Three Lakh Ninety Five Thousand Seven Hundred and Sixty Only) towards Security Deposit within 10 days from the date of issue of this letter, failing which, the same will be deducted from your bill as per the Clause 1A of condition of contract at page no. 63 of the contract document.

क्रमशः2/-

4. आपसे अनुरोध है कि अनुबंध श्रम (विनियमन और उन्मूलन) अधिनियम 1970 और अनुबंध श्रम (विनियमन और उन्मूलन) केंद्रीय नियमों 1971, बाल श्रम (निषेध और विनियमन) अधिनियम 1986, निर्माण श्रमिकों (रोजगार और सेवा की स्थिति का विनियमन) के प्रावधान का पालन करें।) अधिनियम 1996, भवन और अन्य निर्माण श्रमिक कल्याण अधिनियम 1996, जो कि केंद्र और राज्य सरकार के नियमों के जीसीसी निविदा ,19 के पेज नंबर 95 में निर्दिष्ट है।
You are requested to comply with the provision of Contract labour (Regulation and Abolition) Act 1970 and contract labour (Regulation and Abolition) Central rules 1971, Child Labour (Prohibition & Regulation) Act 1986, Construction Workers (Regulation of Employment and Condition of Service) Act 1996, Building and other construction Workers welfare Cess Act 1996 as specified in Clause 19 on page no 95 of GCC of tender and rules of Central and State Government..
5. आपको निर्देश दिए जाते हैं कि आप वरिष्ठ प्रबंधक (इंजी.-विद्युत), भा.वि.प्रा. लो.गो.ब.अ. हवाईअड्डा, गुवाहाटी-781 015, से तत्काल सम्पर्क करें जो कि आपको कार्यस्थल सुपर्द करने की व्यवस्था करेंगे।
You are also directed to contact **Senior Manager (Engg.-E), AAI, LGBI Airport, Guwahati-781 015**, immediately who will arrange to handover the site to you.
6. कृपया यह नोट करें कि काम करने का समय **4 (चार) महीने** है जिसे इस पत्र के जारी होने की तारीख के दस **(10) दिन** बाद से गिना जाएगा।
Please note that the time allowed for carrying out the work is **Four (4) Months**, which shall be reckoned from the **10th day** of issue of this letter.
7. दोष दायित्व अवधि के अनुबंध के कार्यों के पूरा होने की तारीख से बारह **(12) महीने** है, संविदा दस्तावेज के अनुसार पृष्ठा **SPC (Elect)-7** के खण्ड **29** पर दी गई है।
Defect liability period of the contract is **TWELVE (12) MONTHS** from the certified date of completion of work as per clause No 29 of special conditions at page no- SPC (Elect)-7 of contract document.
8. संविदा के संबंध में आगे किया जाने वाला पत्राचार समान्यतः प्रभारी इंजीनियर, 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 प्रति को स्वीकार करें और स्वीकृति के एक टोकन के रूप में अधिसंख्यता पर हस्ताक्षर करने के बाद इसके साथ संलग्न इस पत्र की डुप्लिकेट प्रतिलिपि वापस करें।
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,


--13.01-2021
(B.N. Ghatare)

उप. महाप्रबंधक (इंजी.-विद्युत)
Dy.General Manager (Engg.-E)
कृते अध्यक्ष की ओर से
For and on behalf of Chairman
भारतीय विमानपत्तन प्रधिकरण
Airports Authority of India.

Encl : Schedule of Quantities.



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

NAME OF WORK : Provision of standby power supply arrangement for Hanger substation at LGBI Airport, Guwahati.

Sl. No.	Description of items	Qty	Unit	Rate (Rs.)	Amount (Rs.)
1	Supply, Installation, Testing and Commissioning of Outdoor type 11KV Load Break Switch Panel with enclosure protection class IP 54 or higher of cubical construction with double door and top canopy, floor mounted, having capacities as mentioned below suitable for use on 11KV, 3 phase, 50Hz, AC supply fabricated out of CRCA sheet steel of 2mm thick for enclosures and covers, 3mm thick for base frame and gland plates including cleaning & finishing complete with 7 tank process and powder coating in approved shade, high conductivity copper bus bars of 630 Amps capacity, space heaters, thermostat, control MCBs, control wiring, common copper earth bar of size 50mm X 5 mm and equipped with following switchgears and accessories, suitable for connections for 3C x 120 sq.mm. XLPE cable of 11KV grade (cable entry from bottom), testing and commissioning by OEM or their Authorised Indian associate/ system Integrator, providing civil platform (finished top level at 0.5 m above Ground Level) consisting of cement concrete pedestals of suitable depth, foundation bolts, hardstand of 0.60 Mtr. width with brick masonry work all around LBS Panel with steps, plastering the outer surfaces, excavation & disposal of surplus soil etc., complete as required as per specifications. Incomer : (i) 11KV, 630A, 25 kA for 3sec, Load Break Switch having manual Operated Spring Charge & Closing Mechanism with 2 NO+2NC Auxillary Switch, Mechanical ON/OFF Indicators, Mechanical Trip with Pushbutton, Electrical Trip with 230V AC Shunt Trip coil & hand trip device etc - 2 Set (ii) 2 LOCK + 1KEY Interlocking Arrangement between two incomers - 1 Set (iii) 9kV, 10kA Station Class Polymer Type Surge Arrestors - 2 Set (Each Set of 3 Nos) (iv) LED indication lamps for LBS ON & OFF - 2 set Outgoing: (i) 11KV, 630A, 25 kA for 3sec, Load Break Switch having manual Operated Spring Charge & Closing Mechanism, HT HRC Fuses of suitable rating, 2 NO+2NC Auxillary Switch, Earth Switch, Mechanical ON/OFF Indicators, Mechanical Trip with Pushbutton, Electrical Trip with 230V AC Shunt Trip coil & hand trip device, Mechanical Interlock between Earth and Main Switch etc - 1 Set (ii) LED indication lamps for LBS ON & OFF - 1 set	1	Set	680000.00	680000.00

Sl. No.	Description of items	Qty	Unit	Rate (Rs.)	Amount (Rs.)
2	Supply, Installation, Testing and Commissioning of 630A, 11KV Vacuum Circuit Breaker (Trolley mounted) of Kirloskar Make (Type C-500) suitable for operation on 11 KV, 3 Phase, 50Hz A.C. supply in the existing 11KV HT VCB Panel (Type : A12 650 VCB), testing and commissioning by OEM or their Authorised Indian associate/ system Integrator, transportation, loading, unloading etc complete with the following parameters and as per specifications: (a) Rated Voltage : 11 KV (b) Rated Current : 630 Amps (c) Breaking Capacity : 18.4 KA (d) Form : GM (e) Spec : IEC 56 (f) Pole : 3 (g) Rated Frequency : 50 Hz (h) Closing/ Tripping coils operating voltage : 24 V DC (i) Operating gear type : Motor & Manual (j) Motor Voltage : 230 V AC	1	Each	330000.00	330000.00
3	Supply, Installation, Testing and Commissioning of self powered numerical relay having four element (3 Phase + 1 Earth Fault) over current IDMT/ definite time and instant trip suitable for inverse time overcurrent/ earth fault protection, instantaneous earth fault protection & instantaneous overcurrent fault protection, including compatible batteries for existing 11 KV RMU of compact sub-station etc complete as required. (Make : Ashida, Model: ADR241S AM460 or its equivalent as per approval of EIC)	1	Each	65000.00	65000.00
4	Supply of 3Core X 120 Sqmm., XLPE insulated & PVC sheathed aluminium conductor armoured HT (E) power cable of 11 KV grade confirming to IS 7098 (Part - 2) -2011 with up to date amendments and complete as required as per specifications .	2200	Mtr.	700.00	1540000.00
5	Supply of 110mm nominal dia. (O.D.) HDPE (High Density Polyethylene) Pipe of grade PE80, PN6, ISI marked conforming to IS 4984:1995 with upto date amendments and complete as required as per specifications.	2180	Mtr.	300.00	654000.00
6	Laying of 110mm dia (O.D) HDPE (High Density Polyethylene) pipe along with accessories like socket, bend, couplers etc complete with fitting, cutting and jointing using adhesive/solvent direct in ground (1.0 mtr below ground level) including excavation and refilling the trench etc., complete as required.	1700	Mtr.	130.00	221000.00
7	Laying of 110mm dia (O.D) HDPE (High Density Polyethylene) pipe along with accessories like socket, bend, couplers etc including fitting, cutting and jointing using adhesive/solvent, under hard/concrete/bituminous surface (1.0 mtr below ground level), dismantling/breaking all types of surfaces, excavation and refilling the trench etc., complete as required.	350	Mtr.	200.00	70000.00
8	Laying of 110mm dia HDPE (high density polyethylene) pipe alongwith all accessories like coupler/ sockets etc. below ground (1.0 mtr below ground level) across Road crossing/ Culvert/ Drain/concrete areas through HDD (Horizontal Directional Drilling) method as per site requirement and as per specifications complete as required.	145	Mtr.	700.00	101500.00
9	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 11 KV grade of size upto 120 sq. mm in the existing RCC/HUME/ METAL/HDPE pipe as required.	2195	Mtr.	40.00	87800.00
10	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 11 kV grade of size upto 120 sq. mm in the existing masonry open duct as required.	10	Mtr.	50.00	500.00

Sl. No.	Description of items	Qty	Unit	Rate (Rs.)	Amount (Rs.)
11	Supplying and making straight through cable jointing with heat shrinkable jointing kit complete with all accessories including ferrules suitable for 3C X 120 sqmm. size XLPE aluminium conductor cable of 11 kV grade as required.	5	Set	12000.00	60000.00
12	Supplying and making indoor cable end termination with heat shrinkable jointing kit complete with all accessories including lugs suitable for 3C X 120 sqmm. size XLPE aluminium conductor cable of 11 kV grade as required.	5	Set	6000.00	30000.00
13	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	2	Set	5000.00	10000.00
14	Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required.	20	Mtr.	400.00	8000.00
15	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	20	Mtr.	200.00	4000.00
16	Supplying and fixing cable route marker with 10 cm X 10 cm X 5 mm thick G.I. plate with inscription there on, bolted /welded to 35 mm X 35 mm X 6 mm angle iron, 60 cm long and fixing the same in ground as required.	40	Each	500.00	20000.00
17	Construction of masonry chamber of internal size 1.50 mtr (L) x 0.9 mtr (W) x 1.0 mtr (D), with F.P.S. bricks of class designation 7.5 in cement mortar 1:4 (1 cement : 4 coarse sand) and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) of 150mm thick in three piece with hooks for easy handling, providing and laying in position cement concrete in 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 20mm nominal size) of 10cm thick on bottom including excavation of soil, plastering of inside & top surfaces with 15mm thick cement mortar 1:4 (1 cement: 4 fine/coarse sand) including disposal of surplus excavated soil as directed, within a lead of 50 metres complete etc., as required.	4	Each	10000.00	40000.00
18	Supply & fixing of high voltage synthetic insulating mat made of synthetic Elastomer suitable for working voltage of 11KV conforming to IS 15652:2006 with minimum width of 1 meter and thickness of 2.5mm +/- 10% , Class-B, ERDA/CPRI tested, ISI marked, anti skid and fire retardant properties duly fixed with suitable adhesive/ resin materials etc., complete as required.	14	Sq. Mtr.	700.00	9800.00
19	Providing and fixing G.I. chain link fabric fencing of required width made of G.I. wire of 4 mm dia in mesh size 50x50 mm including strengthening of chain link fencing with 2 mm dia wire or nuts, bolts and washers etc, providing angle iron post placed at required distance with bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia and embedded in cement concrete blocks, including excavation of soil & disposal of surplus excavated soil as directed, within a lead of 50 metres complete etc., as required.	20	Sq.mtr	800.00	16000.00
20	Dismantling of existing chain link fencing along with angle iron post from its original position by cutting/grinding and shifting and stacking the dismantled items to AAI store upto a lead of 50 meters. (Approx. area 10.80 Sq. mtrs)	1	Job	1000.00	1000.00

Sl. No.	Description of items	Qty	Unit	Rate (Rs.)	Amount (Rs.)
21	Repairing and finishing the top surface of excavated concrete/bituminous surfaces, by providing and laying in position cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) including consolidation by ramming of soil etc., complete as required.	1.5	cum	6000.00	9000.00
Total Rs. (excl. GST)					3957600.00

(Rupees Thirty Nine Lakh Fifty Seven Thousand Six Hundred Only excluding GST)

Note : Applicable GST shall be paid extra on production of valid tax invoice.


 - - 13.01.2021
Dy. General Manager (Engg-Elect)
AAI, LGBI Airport, Guwahati