

संदर्भ सं. : भा.वि. प्रा./अभि./उप म. अभि.(वि)/जी. एच. वाइ- चि. डबल्यू -09/2020-21
FILE NO. : AAI/ENGG/DGM(E-E)/GHY-CW-09/2020-21

दिनांक
DATE 12.10.2020
12.10.2020

सेवा मे / To,

M/s Vardhman Airport Solutions,
1st & IInd Floor, Plot No.13/C & 13/3,
Rama Road Side,
Industrial Area, Najafgarh Road,
New Delhi-110015.

विषय/Subject:- Provision of New Threshold & End Lighting system for Runway 20 side and interleaving circuits for Simple Approach Lighting System for Runway 20 side and other associated works at LGBI Airport, Guwahati.

संदर्भ / Ref : 1) टेंडर खुलने का दिनांक / Your tender opened on Dt:14.09.2020.

2) निविदा संख्या व तारीख / NIT No. & Dt: AAI/ENGG/AGM(E-E)/GHY/NIT-03/2020-21/818-25, Date:06.08.2020.
Bid No. 2020_AAI_54330_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. 29,90,729.00 (उनतीस लाख नब्बे हजार सात सौ उनतीस रुपये मात्र) है (जीएसटी को छोड़कर) जो कि अनुमानित लागत रु. 34,85,403/- (जीएसटी को छोड़कर) से 14.19% 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.29,90,729.00** (Rupees Twenty Nine Lakhs Ninety Thousand Seven Hundred & Twenty Nine Only) (excluding GST) which is **14.19% Below** the Estimated cost of **Rs.34,85,403/-** (excluding GST).

2. उप 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 उप महाप्रबंधक (इंजी.-विद्युत) के कार्यालय में करार पर हस्ताक्षर करने के लिए दिनांक 22.10.2020 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।)

Dy. 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 Dy. General Manager (Engg.-E) by 22.10.2020 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. 69,708.00 (उनहत्तर हजार सात सौ आठ रुपये मात्र) को संविदा दस्तावेज के पृष्ठ 42 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. 2,29,365.00 (दो लाख उनतीस हजार तीन सौ पैसठ रुपये मात्र) जमा करा दें, ऐसा नहीं करने पर संविदा दस्तावेज के पृष्ठ 42 पर दी गई खण्ड 1 (A) के अनुसार उपरोक्त राशि आपके रनिंग बिल से काट दी जाएगी।

The earnest money amount of **Rs.69,708.00** (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-42 of the contract document. Please deposit **Rs.2,29,365.00** (Rupees Two Lakhs Twenty Nine Thousand Three Hundred & Sixty Five 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-42 of the contract document.

क्रमशः

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.
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 करें कि काम करने का समय चार (04) महीने है जोकि कार्य आदेश देने के 10 दिन के बाद की 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 Four (04) Months, which shall be reckoned from **10th day of issue of the order**.
6. दोष दायित्व अवधि के अनुबंध के कार्यों के पूरा होने की तारीख से बारह (12) महीने है।
Defect liability period of the contract is **TWELVE (12) MONTHS** from the date of completion of works.
7. संविदा के संबंध में आगे किया जाने वाला पत्राचार सामान्यतः उप 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 **Dy. General Manager (Engg.-E), AAI, NER, LGBI Airport, Guwahati**.
8. कृपया पावती भिजवायें।
Please acknowledge the receipt.

भवदीय / Yours faithfully,

Encl : Schedule A.


- 12.X.2020

(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 प्राधिकरण, उ.पू.क्षे.

Airports Authority of India, NER.



AIRPORTS AUTHORITY OF INDIA
ENGINEERING WING (E)
LGBI AIRPORT, GUWAHATI - 781 015

SCHEDULE OF QUANTITIES

Name of work: Provision of New Threshold & End Lighting system for Runway 20 side and interleaving circuits for Simple Approach Lighting System for Runway 20 side and other associated works at LGBI Airport, Guwahati.

SL. NO.	DESCRIPTION OF ITEM	UNIT	QTY	RATE	AMOUNT
1.00	Supply of C.I. Isolating Transformer housing box , water tight round type, metal container of outside dia 330 mm & 450 mm height made of 10 mm thick cast iron moulding all round, except the top surface, which is 15 mm thick, cast iron moulding suitable to receive a light fitting base plate on the top and underground housing associated with Isolation transformer, power cable and having 2 nos. clear hole centre (each 180 degree apart) at 225 mm above bottom surface suitable to receive 50 mm dia HDPE/GI pipe as required. The box should have two SS earth bolt of M 10 x 40 tapped inside near the holes (4" away from the hole centre) and having a drain hole at the bottom suitably tapped to receive 15 mm dia, 'B' class GI pipe and having clear opening of 220 mm dia at the top surface and 6 Nos. M 10 tapped hole at the hole centre 260 mm to receive fitting base plate and bolts as required as per the drawing & specifications.	Each	40.00	4830.00	193200.00
2.00	Supply of Elevated type unidirectional High-Intensity Threshold light fittings suitable for use with halogen type lamp, complete with lens support mechanism, lens clamping mechanism, prefocus lamp holder, central column assembly, breakable coupling, gaskets, two pin secondary leads, base plate with 06 nos. M-10 stainless steel bolts, spring and plain washers and other accessories with 200/150W, 6.6A halogen type lamp, Green spreader lens etc.and conforming to ICAO requirements complete as required.	Each	25.00	9818.00	245450.00
3.00	Supply of Elevated type unidirectional High-Intensity End light fittings suitable for use with halogen type lamp, complete with lens support mechanism, lens clamping mechanism, prefocus lamp holder, central column assembly, breakable coupling, gaskets, two pin secondary leads, base plate with 06 nos. M-10 stainless steel bolts, spring and plain washers and other accessories with 200/150W, 6.6A halogen type lamp, Red spreader lens etc.and conforming to ICAO requirements complete as required.	Each	15.00	9818.00	147270.00

SL. NO.	DESCRIPTION OF ITEM	UNIT	QTY	RATE	AMOUNT
4.00	Supply of 200 W, 20A/6.6A, 5 KV grade 50Hz series type Isolating Transformer, encapsulated in polyester resin finally moulded in neoprene type rubber with primary & secondary leads connections and ready to install confirming to technical specification etc. complete as required.	Each	40.00	4106.00	164240.00
5.00	Supply of 5 KV grade ESNA connector and suitable for field attachment with 5KV grade PVC insulated, PVC Sheathed single core 6 sq mm copper conductor cable confirming to technical specifications etc. as required.	Set	20.00	453.00	9060.00
6.00	Supply of 5 KV grade ESNA connector and suitable for field attachment with 5KV grade PVC insulated, PVC Sheathed single core 16 sq mm copper conductor cable confirming to technical specifications etc. as required.	Set	40.00	453.00	18120.00
7.00	Supply of 2C x 6 sq.mm size 5 KV grade PVC insulated & PVC sheathed, anti-termite & anti-rodent, multi-stranded copper conductor Airfield lighting cable confirming to IS 1554 (Part-II) with up to date amendments and confirming to technical specifications, terms & conditions etc. as specified in tender document complete as required.	Mtr.	2500.00	173.00	432500.00
8.00	Supply of 6 sq.mm., 5 KV grade PVC insulated & PVC sheathed, anti-termite & anti-rodent, multi-stranded copper conductor single core Airfield lighting cable confirming to IS 1554 (Part-II) with up to date amendments and confirming to technical specifications, terms & conditions etc. as specified in tender document complete as required.	Mtr.	2000.00	64.00	128000.00
9.00	Supply of 4C x 35 sq. mm. LT power cables of 1.1 KV grade aluminium conductor XLPE insulated and PVC sheathed armoured cable confirming to IS 7098 Part I-1988 with upto date amendment as required.	Mtr.	100.00	221.00	22100.00
10.00	Supply of 50 mm. dia.(O.D.) HDPE (High Density Polyethylene) duct of grade PE80, PN6 ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 4984:1995 with latest ammendments complete as required.	Mtr.	3770.00	95.00	358150.00
11.00	Laying of 50 mm dia (OD) HDPE pipe alongwith all accessories direct in ground upto a depth of 75 cm including excavation of trench and back filling of excavated earth after laying of pipe complete as required.	Mtr.	3495.00	104.00	363480.00
12.00	Cutting the concrete/ bitumenious surface by core cutting machine/breakers upto a depth of 200 mm and 100 mm width on Taxiway/runway shoulders between the transformer housing boxes for laying of 50 mm dia cable crossing pipe (HDPE/GI) etc. complete as required.	Mtr.	110.00	345.00	37950.00

SL. NO.	DESCRIPTION OF ITEM	UNIT	QTY	RATE	AMOUNT
13.00	Laying of 50mm. dia.(O.D.) HDPE(High Density Polyethylene) pipe along with all accessories like socket, bend, couplers etc. complete with fitting and cutting, jointing etc. on existing trench between the transformer housing boxes complete as per site requirements etc. complete as required.	Mtr.	110.00	23.00	2530.00
14.00	Providing and laying in position cement concrete 1:2:4(1 cement : 2 coarse sand : 4 graded stone aggregate 10 mm nominal size) on existing grooves on taxi/ runway shoulders and finishing the top surface matching to existing surfaces etc. complete as required.	CUM	4.00	9200.00	36800.00
15.00	Laying of one number PVC insulated and PVC sheathed/XLPE power cable of 5 KV grade single/double core of 6 sqmm/16 sqmm. size in the existing RCC/ GI/ HUME/ METAL pipe etc as required.	Mtr.	4035.00	17.00	68595.00
16.00	Making field connections by crimping 6 Sq.mm/16 sqmm. plug and receptacle with the existing 6 Sq.mm/16 sqmm. single core PVC insulated copper conductor cable including filling the gap with water sealant material, applying PVC insulation tape of approved/reputed make etc complete as required.	Each	49.00	144.00	7056.00
17.00	Installation of transformer housing boxes with a base concrete of 1:3:6 of size 630 x 630 x 100 mm thick, all round concrete of 1:2:4, 50 mm thick the top sloped with 1:2:4 cement including cutting and excavation of concrete/ bituminous/ hard surface (size 630mm x 630mm x 500mm depth) etc. complete as required.	Job	36.00	2990.00	107640.00
18.00	Installation of ELEVATED type Bi-directional/unidirectional THRESHOLD/ END/ Approach light fittings over the existing transformer housing box, installation of isolating transformer, interconnection, testing, commissioning and numbering the fitting by good quality painted letters complete as required.	Each	32.00	138.00	4416.00
19.00	Constructing brick masonry chamber of size 500 x 500 x 500 of size in cement mortar 1:4 (1 cement : 4 coarse sand) inside cement plaster 12 mm thick with cement mortar 1:3 (1 cement : 3 Coarse sand) finished with floating coat of neat cement, foundation concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) all complete as per standard design without cover complete as required.	Each	10.00	2530.00	25300.00
20.00	Steel work welded in built up section / framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer and one coat of synthetic enamelblack paint using structural steel sections [65 mm x 65 mm x 6 mm MS Angle Iron (Frame for Manhole chamber)]	KG	180.00	115.00	20700.00

SL. NO.	DESCRIPTION OF ITEM	UNIT	QTY	RATE	AMOUNT
21.00	Steel work welded in built up section / framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer and synthetic enamel black paint using structural steel etc. (10 mm thick MS Sheet). (Cover for Manhole chamber)	KG	280.00	138.00	38640.00
22.00	SITC of indoor type microprocessor based, air cooled constant current regulator of Thyristor control electronic type suitable for use on 240/415 VAC, 50/60 Hz, input AC supply with 7.5KW MPCCR at 6.6A, supply voltage 240VAC tapping at 4KW with 5 steps variation of current output suitable for local and remote control operation with 24/48 VDC control supply complete with output current indicated on multifunction digital display, over current, over voltage, earth fault protection and earth leakage meter, positive back indication equipments relay contactor etc. complete as per manufacturer specification.	Nos.	2.00	228045.00	456090.00
23.00	Supply and installation of 100 Amps, 4 Pole on load manual changeover switch-disconnector, open execution type, SS enclosure version, housed in SS enclosure with operating handle conforming to IS/IEC 60947-3 duly mounted on wall with the help of angle iron frame work complete as required.	Job	1	11845.00	11845.00
24.00	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on cable tray/ surface as required.				
24.01	Upto 35 sq. mm (clamped with 1mm thick saddle)	Mtr.	100.00	29.00	2900.00
25.00	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 kV grade as required.				
25.01	4 x 35 sq. mm.	Each	4.00	688.00	2752.00
26.00	Earthing with G.I pipe of 4.5 meters long x 40 mm dia i/c accessories and providing masonry enclosures with cover plate having locking arrangement, watering pipes, funnel etc., including charcoal or coke and salt complete as required.	Job	4.00	6875.00	27500.00
27.00	S/L of Earth connection from earth electrode with 6 SWG GI wire in 15 mm dia G.I pipe (Class-B) etc. as required.	Mtr.	60.00	232.00	13920.00
28.00	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	Mtr.	1900.00	21.00	39900.00

SL. NO.	DESCRIPTION OF ITEM	UNIT	QTY	RATE	AMOUNT
29.00	Dismantling of existing Threshold/ End/ Approach light fitting & isolating transformers from its existing location and handing over the same to AAI Store i/c Fixing of Dummy plates on the existing CI housing boxes.	Job	37.00	125.00	4625.00

TOTAL Rs. 2990729.00

(Rupees Twenty Nine Lakhs Ninety Thousand Seven Hundred & Twenty Nine Only)

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


- 12.10.2020.

Dy. Gen Manager (Engg.-E)
AAI, NER, LGBI Airport, Guwahati.