



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

संख्या: भा0वि0प्रा0 / वारा0 / उ.म.प्र.अभि0(विद्युत) / W-5 / 2020-21 / 6729-36
Ref :- AAI/VNS/DGM Engg.(E)/ W-5/ 2020-21 /

दिनांक: 23.11.2020
Date : 23.11.2020

सेवा में,
मेसर्स टेक्नो इलेक्ट्रिकल्स,
2/65, उदय पार्क सोसाईटी, रिफाईनरी रोड
गेरवा बडोदरा-16

To,
M/S TECHNO ELECTRICALS
2/65 UDAY PARK SOCIETY, REFINERY ROAD,
GORWA BADODARA-16.

कार्य का नाम:- एस.आई.टी.सी. ऑफ रनवे एडज लाईट फिटिंग्स इनक्लूडिंग लेईंग ऑफ
केबल्स इन एच.डी.पी.ई. पाईप्स ऐट एल.बी.एस.आई. एयरपोर्ट वाराणसी।

Name of work:- SITC of runway edge light fittings including laying of cables in
HDPE pipes at LBSI Airport Varanasi.

संदर्भ:-ई-निविदा (2020_AAI_44747_1) खोलने का दिनांक 19.10.2020

Ref:- Your Tender ID (2020_AAI_44747_1) opened on 19.10.2020

प्रिय महोदय, Dear Sir,

- उपरोक्त कार्य के लिए रुपये 1,20,03,191.00 (जीएसटी रहित) (रुपये एक करोड़ बीस लाख तीन हजार एक सौ इक्यानबे मात्र) की मद दर निविदा, जो कि कार्य की (न्याय संगत) लागत रुपये 1,37,17,510.00 (रुपये एक करोड़ सौतीस लाख सत्रह हजार पांच सौ दस मात्र) से 12.50% (बारह दशमलव पांच शून्य प्रतिशत) कम है, आपके द्वारा निविदा प्रपत्र में दर्शायी गयी मद दरों पर भरी गई है, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत की जाती है।
- Your 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 Rs. 1,20,03,191.00 (excluding GST) (Rupees One Crore Twenty Lacs Three Thousand One Hundred & Ninety One Only) which is 12.50% (Twelve Point Five Zero Percent) below the justified cost of Rs. 1,37,17,510.00 (Rupees One Crore Thirty Seven Lacs Seventeen Thousand Five Hundred Ten Only)
- उप महाप्रबन्धक (अभि0-वि0) भा.वि.प्रा., लाल बहादुर शास्त्री अन्तरराष्ट्रीय हवाई अड्डा, वाराणसी इस कार्य के कार्य प्रभारी अभियन्ता होंगे तथा सहायक महाप्रबन्धक (अभि0-वि0)/प्रबन्धक (अभि0-वि0) उनके प्राधिकृत प्रतिनिधि होंगे। आपसे अनुरोध है कि दिनांक 02 दिसम्बर 2020 तक उप महाप्रबन्धक (अभि0-वि0), के कार्यालय में उपस्थित होकर संविदा अनुबन्ध को हस्ताक्षरित कर पूर्ण करें। अनुबन्ध 100/- रुपए के गैर न्यायिक स्टाम्प पेपर पर सम्पादित किया जाएगा, स्टाम्प पेपर की कीमत आपके द्वारा वहन की जाएगी।
- Dy. General Manager (Engg.-E) AAI, LBSI Airport, Varanasi shall be the Engineer-in-charge of the work and Asst.General Manager (Engg.- E)/ Manager (E-E), shall be the authorized representative of Engineer-in- charge. You are requested to attend the office of Dy. General Manager Engg. (E) AAI, LBSI Airport, Varanasi by 02 December 2020 to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs.100.00 (Rupees One Hundred Only) and the cost of the stamp paper shall be borne by you.

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3. निविदा के साथ प्राप्त धरोहर राशि रुपये 2,74,350.00 (रुपये दो लाख चौहत्तर हजार तीन सौ पच्चास मात्र) संविदा प्रपत्र के अनुच्छेद अनुसार प्रतिभूति निक्षेप राशि का हिस्सा मानकर उसमें बदल दिया जाएगा। कृपया शेष प्रतिभूति निक्षेप राशि रुपये 9,25,969.00 (रुपये नौ लाख पच्चीस हजार नौ सौ उन्हत्तर मात्र) इस पत्र के निर्गत दिनांक से दस दिनों के भीतर जमा करें अन्यथा उक्त धनराशि की कटौती संविदा प्रपत्र की पृष्ठ संख्या 16 के शर्त संख्या 1ए के अनुसार चालू लेखा बिलो से की जाएगी।
3. The earnest money amount of Rs.2,74,350.00 (Rupees Two Lacs Seventy Four Thousand Three Hundred Fifty Only) received along with your tender will be treated and converted as a part of Security Deposit. Please deposit Rs.9,25,969.00 (Rupees Nine Lacs Twenty Five Thousand Nine Hundred Sixty Nine Only) towards balance 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 conditions of clause no. 1A on page 16 of Clause of Contract of contract document.
4. आपसे अनुरोध है कि संविदा श्रमिक प्रावधान (विनिमय एवं उन्मूलन) एक्ट 1970, श्रमिक प्रावधान (विनिमय एवं उन्मूलन)-केन्द्रीय नियम 1971, न्यूनतम मजदूरी अधिनियम एवं इस सम्बन्ध में केन्द्र/राज्य सरकार के नियमों का पालन करना सुनिश्चित करें।
4. You are requested to comply with the provisions of Contract Labour (Regulation and Abolition) Act 1970 and Contract Labour (Regulation and Abolition) Central rules 1971 and minimum wages act and rules thereof Central and State Governments with upto date amendments.
5. आपको निर्देशित किया जाता है कि आप तुरन्त प्रभाव से प्रबन्धक (अभि0-वि0), भा.वि.प्रा., लाल बहादुर शास्त्री अन्तरराष्ट्रीय हवाई अड्डा, वाराणसी से सम्पर्क करें जो आपको कार्यस्थल सौपने की व्यवस्था करेंगे।
5. You are also directed to contact Manager (Engg.-E), AAI, LBSI Airport, Varanasi immediately who will arrange to hand over the site to you.
6. कृपया ध्यान दें कि कार्य पूर्ण करने की अवधि छः माह है जो कि इस पत्र के जारी होने के 10 वें दिन या साईट सौपने के दिन जो भी पहले हो से प्रभावी मानी जाएगी।
6. Please note that the time allowed for carrying out the work period is 6 months and the same shall be reckoned from 10th day after issue of this letter or actual taking over the site whichever is earlier.
7. संविदा के सन्दर्भ में किसी भी प्रकार का पत्राचार सामान्यतः उप महाप्रबन्धक (अभि0-वि0), भा.वि.प्रा., लाल बहादुर शास्त्री अन्तरराष्ट्रीय हवाई अड्डा, वाराणसी को सम्बोधित करें।
7. Any further correspondence in connection with the contract should normally be addressed to the Dy. General Manager (E-E), AAI, Lal Bahadur Shastri International Airport, Varanasi.
8. कृपया इस पत्र की पावती भेजें एवं पत्र कि अनुलिपि जो कि संलग्न है को हस्ताक्षरित कर अधोहस्ताक्षरी को स्वीकृत चिन्ह के रूप में वापस करें।
8. 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.

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- 9 उपरोक्त के हिन्दी पाठ में कोई अन्तर या द्विधार्थकता होने की स्थिति में अंग्रेजी पाठ मान्य होगा।

In case of difference or ambiguity in Hindi and English version, the English version will prevail.

धन्यवाद।

संलग्नक- यथोपरि

Encl:- As above

भबदीय

कृते अध्यक्ष

23/11/2022

उप महाप्रबंधक (अभि०-विद्युत)

For and on behalf of the chairman, AAI

Dy. General Manager (Engg,-E)

उप महाप्रबंधक अभियंत्रिकी (विद्युत)

Dy. General Manager Engg. (Elect.)

आ.वि.प्र.०, ला.ब.श.० अन्तरराष्ट्रीय हवाई अड्डा, वाराणसी
A.A.I., L.B.S. International Airport, Varanasi

Schedule of Quantity

Name of Work:- SITC of runway edge light fittings including laying of cables in HDPE pipes at LBSI Airport Varanasi.

S. No.	DESCRIPTION OF ITEM	UNIT	QTY	RATE (IN INR) (excluding GST)	AMOUNT (IN INR)
	SH-I: Supply Works				
1	Supply of bi-directional inset type HIRL edge light fitting with shallow base, matching body made of die cast aluminum, 2 x 105W 6.6Amps pre-focused halogen lamps with side entry for control wires, connected heat resistant accessories, prism assembly, optical assembly, 'O' ring seal, pressure relief plug, with CLEAR/ YELLOW lenses (Combination of lenses shall be as per site requirement) etc. complete as required.	Each	29.00	48123.00	1395567.00
2	Supply of C.I Isolating Transformer Housing Box, Triple hole type water tight round type, metal container of outside size 330mm, height 450mm made of 10mm thick cast iron moulding all round, except the top surface, which is 15mm thick cast iron moulding and a clear hole on three sides surface. Two Nos. of holes of size 65mm dia at 75 mm above bottom surface suitable to receive 63 mm OD HDPE/GI pipe and check nuts, as required and another one no. hole of size 45 mm at 175 mm from the bottom of the CI Box suitable to receive one no. 40mm OD HDPE/GI Pipe and check nut as required. The box should have three nos. SS earth bolts of M10 x 40mm tapped inside near the hole (4" away from the hole centre) and having a drain hole at the bottom & 2 Nos. holes of 20 mm dia for incoming and outgoing GI Earth wire & suitably tapped to receive 15mm dia, "B" class GI Pipe and having clear opening of 220mm at the top surface and 6 Nos. M10 tapped threaded hole at the hole centre 260mm to receive fitting base cover plate and bolts complete as required as per the drawings.	Each	310.00	3963.00	1228530.00
3	Supply of CI Housing box of height 150mm suitable for installation of the existing fitting, single hole type, water tight round type, metal container of outside size 330mm made of 10mm thick cast iron moulding all round, except the top surface, which is 15mm thick cast iron moulding and having 1No. clear hole of size 45 mm centre at one side surface just above bottom surface suitable to receive one nos. 40mm OD HDPE/GI Pipe and check nuts with elbow, as required and another hole adjacent to the said whole to receive one no. 15mm dia, "B" class GI Pipe and check nut suitable for incoming of GI Earth wire. The box should have One nos. SS earth bolts of M10 x 40mm tapped inside near the hole and having clear opening of 220mm at the top surface and 6 Nos. M10 tapped threaded hole at the hole centre 260mm to receive fitting base plate , as per drawing, complete as required.	Each	210.00	2163.00	454230.00

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DGM/1420

S. No.	DESCRIPTION OF ITEM	UNIT	QTY	RATE (IN INR) (excluding GST)	AMOUNT (IN INR)
4	Supply of following sizes HDPE Pipe suitable to lay in underground as per IS:4984/95 duly ISI marked, a) 63mm outer dia PE80, PN10	Metre	12600.00	113.00	1423800.00
5	Supply of following sizes HDPE Pipe suitable to lay in underground as per IS:4984/95 duly ISI marked, b) 40mm outer dia PE80, PN10	Metre	2700.00	58.00	156600.00
6	Supply of 1C X 16 sq mm sizes copper conductor, 5 KV grade, PVC insulated, PVC sheathed, unshielded, antitermite and antirodent treated AFL cable generally confirming to IS 1554/ Part-II as ammended uptodate and as specified in particular specification.	Metre	13600.00	133.00	1808800.00
7	Supply of 2C x 2.5 Sq.mm, copper PVC insulated and PVC sheathed ,voltage grade 650 volt secondary lead cable of 8 mtre lengths with male & suitable Cu Connecting terminal at ends suitable for HIRL elevated light/Inset type edge light/isolating transformer etc. complete as required.	Each	250.00	1100.00	275000.00
8	Supply of 2C x 2.5 Sq.mm, copper PVC insulated and PVC sheathed ,voltage grade 650 volt secondary lead cable for HIRL elevated light/Inset type edge light/isolating transformer etc. complete as required.	Metre	2000.00	45.00	90000.00
9	Supply of 5 KV grade plug and receptacle of type 1 class B connector and suitable field attachment with 5 KV grade PVC insulated PVC sheathed single core 1X 16 sq mm copper conductor cable confirming to the specified specification etc complete as required.	Each	500.00	316.00	158000.00
10	Supply of isolating transformers of following rating of 5 KV grade, 50Hz, series type , encapsulated in polyester resin finally moulded with neoprene rubber with primary & secondary connections as specified in particular specifications, complete as required: a)200W, 20/6.6A	Each	200.00	4125.00	825000.00
11	Supply of suitable rubber gasket for existing 330mm dia CI box complete as required.	Each	600.00	87.00	52200.00
12	Supply of R/W holder suitable for 200 W bi pin Halogen Lamp complete as required as per existing sample or compitable to existing system.	Each	500.00	225.00	112500.00
13	Supply of 200W, 6.6Amps halogen lamp for elevated HIRL edge lights as required as per existing sample or compitable to existing system.	Each	250.00	362.00	90500.00
14	Supply of 105W, 6.6Amps halogen lamp for inset type HIRL edge lights as required	Each	50.00	862.00	43100.00

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Dated

S. No.	DESCRIPTION OF ITEM	UNIT	QTY	RATE (IN INR) (excluding GST)	AMOUNT (IN INR)
	SH-II: ITC Works				
15	Installation of inset type fitting including base with all accessories as per manufacturer's recommendations in the runway including cutting the runway with machine tool and filling the all around gaps with suitable fast setting chemical compound & adhesive etc., and bringing the runway to the original shape and strength including alignment, including laying of secondary lead between transformer housing box and the fitting, making necessary connections with testing and commissioning of fitting as per specifications, terms & conditions etc.complete as required.	Each	23.00	4528.00	104144.00
16	Re-installation, testing and commissioning of elevated type HIRL/MIRL fitting on the new CI housing box of approx height 150 mm including dismantling of the same from old transformer housing box, installation of lens, filters, lamps and other accessories, alignment, leveling, including laying of secondary lead between transformer housing box and the fitting, making necessary connections, earth connection etc. as per specifications, terms & conditions etc complete as required.	Each	210.00	100.00	21000.00
17	Installation of Transformer housing box of approx height 450 mm with a base concrete of 1:3:6 of size 630 x 630 x 100 mm thick all round concrete of 1:2:4, 150 mm thick the top sloped with 1:2:4 cement concrete including providing and fixing One no. 10" long 1/2" dia "B" class GI pipe with check-nuts for drainage of water & Two no. 10" long 1/2" dia "B" class GI pipe with check-nuts for incoming of Earth GI Wire including excavation of side shoulder and refilling, adjustment of CI boxes (wherever the transformers are in a line the same has to be aligned in such a way that the centers fall in a straight line) etc complete as required	Each	300.00	2200.00	660000.00
18	Installation of CI housing box of approx height 150 mm existing cutting location with a base concrete of 1:3:6 of size 630 x 630 x 100 mm thick all round concrete of 1:2:4, 150 mm thick the top sloped with 1:2:4 cement concrete including providing and fixing One no. 2" long projected 32mm dia MS pipe with check-nuts suitable to receive one no. 40 mm. dia HDPE pipe & fixing with elbow(120 degree) & One no. 10" long 1/2" dia "B" class GI pipe with check-nuts for incoming of Earth GI Wire including excavation of side shoulder and refilling, adjustment of CI boxes (wherever the fittings are in a line the same has to be aligned in such a way that the centers fall in a straight line) etc.etc complete as required and as per the drawing & specification.	Each	210.00	1500.00	315000.00

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DGM 1450

S. No.	DESCRIPTION OF ITEM	UNIT	QTY	RATE (IN INR) (excluding GST)	AMOUNT (IN INR)
19	SITC of top cover/plate made with 5 mm thick MS sheet suitable for existing 330mm dia CI box i/c 6 nos M10 (SS) bolts, painting , etc. complete as required.	Each	310.00	467.00	144770.00
20	Laying of following size HDPE /GI pipe in the soil / ground up to depth of approx 0.5 meter including covering with excavation and refilling the trench, consolidation and making good the surface etc. complete as required. a)Upto 63mm outer dia	Mtr	11850.00	93.00	1102050.00
21	Laying of following size HDPE/GI pipe across the road crossing pavement/runway shoulder up to width of approx 200 mm & a depth of approx.200 mm & including cutting of runway/shoulder /pavement & making the trench, consolidation including getting out the excavated material and making good the surface by refilling with 1:1.5:3 cement concrete mixture etc. complete as required. a) Upto 63 mm outer dia	Mtr	2700.00	200.00	540000.00
22	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1KV/ 5 kV grade Airfield cable of size upto 16 sq. mm in the existing HDPE/RCC/ HUME/ METAL pipe etc complete as required.	Metre	12500.00	13.00	162500.00
23	Providing and laying 6 SWG dia G.I. wire in HDPE/RCC/ HUME/ METAL pipe/existing trench or along with cable for loop earthing etc complete as required.	Metre	10000.00	10.00	100000.00
24	Laying of 63mm dia HDPE Pipe in underground for laying of cable across taxi or runway/road at depth of upto 3 mtr through HDD Method etc complete as required.	Metre	750.00	363.00	272250.00
25	ITC of plug and receptacle making necessary connections to isolating transformer along with suitable HT insulation tape & PVC insulation Tape etc complete as required.	Each	350.00	50.00	17500.00
26	Supplying and making straight through joint with heat shrinkable jointing kit including ferrules and other jointing materials for 1X16 size Sqmm AFL cable of PVC/ XLPE insulated and PVC sheathed copper conductor cable of 5.0 KV grade etc complete as required.	Each	4.00	1000.00	4000.00
27	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with RCC Cover is to be provided alongwith hook for lifting purpose and having watering pipe etc. with charcoal/ coke and salt etc complete as required	Each	20.00	4500.00	90000.00

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Dgm 158

