



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

स0 न0: भाविप्रा/एसएपी/इंजी.(वि.)/परिधि प्रकाश/डब्ल्यू ओ-176/2024-25/4791-98 दिनांक: 09.04.2024
Ref. No. AAI/SAP/Engg.(E)/PerimeterLighting /W.O- 176/2024-25/ Dt. 09/04/2024

सेवा में,

✓ मेसर्स जेसीसी इंजीनियर्स प्राइवेट लिमिटेड,
पहली मंजिल, रघुनाथ मार्केट,
टेलीफोन एक्सचेंज के पास,
पठानकोट-145001

M/s JCC Engineers Private Limited,
1st floor, Raghunath market,
Near Telephone Exchange,
Pathankot-145001

विषय: आईएनए कॉलोनी, सफदरजंग हवाई अड्डे, नई दिल्ली की परिधि प्रकाश व्यवस्था का कार्य।

Subject:- Provision of Perimeter lighting at Safdarjung Airport, New Delhi.

संदर्भ i) आपकी खोली गई ई-निविदा दिनांक 18.03.2024. (Bid Invitation No: 2024_AAI_185173_1).

Ref: Your e-bid opened on 18.03.2024.

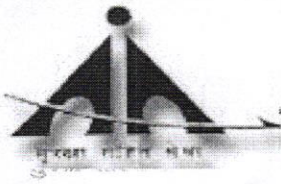
महोदय,

- उपरोक्त कार्य हेतु आपका टेंडर अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है, आपके द्वारा छूट के बाद बताए आइटम मूल्यों पर आपका टेंडर कुल **₹ 99,55,500/-** (मात्र नित्यानवे लाख पचपन हजार पाँच सौ रुपये) है जो कि अनुमानित/उचित लागत राशि **₹ 1,74,40,661/-** से **42.92%** कम है (जी.एस.टी. को छोड़कर)।

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 after discount totaling to **Rs. 99,55,500/-** (Rupees Ninety Nine Lakhs Fifty Five Thousand and Five Hundred Only) which is **42.92%** below from the estimated/Justified cost of **Rs. 1,74,40,661/- (excluding GST)**.

- सहायक महा प्रबंधक अभियांत्रिकी (विद्युत), भारतीय विमानपत्तन प्राधिकरण, सफदरजंग हवाई अड्डा, नई दिल्ली 110003, इस कार्य के इंजीनियरिंग प्रभारी होंगे। आपसे अनुरोध है कि आप संविदा करार पर हस्ताक्षर करने एवं उसे पूरा करने हेतु **23.04.2024** तक सहायक महा प्रबंधक (अभि.-वि.), भारतीय विमानपत्तन प्राधिकरण, सफदरजंग हवाई अड्डा, नई दिल्ली-110003 के कार्यालय में उपस्थित हों। संविदा करार **Rs. 100/-** (मात्र सौ रुपये) के गैर न्यायिक (नॉन-जूडिशियल) स्टाम्प पेपर पर बनाया जाएगा तथा स्टाम्प पेपर की लागत आपके द्वारा वहन की जाएगी।

Asstt. Gen. Manager Engg (Electrical), Safdarjung Airport, New Delhi, shall be the Engineer-in-charge of the work. You are requested to attend the office of the Asstt. Gen. Manager Engg (Elect), AAI, Safdarjung Airport, New Delhi by **23.04.2024** to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value of **Rs.100/-** (Rupees one hundred only) and the cost of the stamp paper shall be borne by you.



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3. आपकी निविदा के साथ प्राप्त Rs. 3,48,813/- (मात्र तीन लाख अड़तालीस हजार आठ सौ तेरह रुपये) की अग्रिम धन राशि को संविदा दस्तावेज के पृष्ठ ई एन आई टी निविदा -3 पर एन.आई.टी. के खण्ड-16 के अनुसार प्रतिभूति जमा के रूप में प्रयुक्त तथा संपरिवर्तित किया जाएगा। कृपया इस पत्र के जारी होने की तिथि से 30 दिनों के भीतर शेष प्रतिभूति जमा के रूप में Rs. 6,46,737/- (मात्र छह लाख छियालीस हजार सात सौ सैंतीस रुपये) जमा करें अन्यथा इस राशि की कटौती संविदा कागजात के पृष्ठ जी सी सी- 16 पर जी सी सी के खण्ड-1A के अनुसार आपके चालू बिलों से कर ली जाएगी।

The earnest money amount Rs. 3,48,813/- (Rupees Three Lakhs Forty Eight Thousand Eight Hundred and Thirteen Only) received along with your tender will be treated and converted as part of security deposit as per conditions at clause no. 16 on page no. E-NIT Tender - 3 of contract document. Please deposit Rs. 6,46,737/- (Rupees Six Lakh Forty Six Thousand Seven Hundred and Thirty Seven Only) towards security deposit within 30 days from the date of issue of this letter failing which, the same will be deducted from your running bill as per condition of clause no.- 1A at page no. GCC- 16 of the contract document.

4. आप से अनुरोध है कि आप संविदा श्रम (विनियम एवं उन्मूलन) अधिनियम 1970 तथा संविदा श्रम (विनियम एवं उन्मूलन) केन्द्रीय नियम 1971 एवं न्यूनतम मजदूरी अधिनियम के प्रावधानों और केन्द्रीय व राज्य सरकारों के तदसंबंधी नियमों का अनुपालन करें।

You are requested to comply with the provision of contract labour (Regulation & abolition) Act of 1970 and contract labour (Regulation & Abolition) Central Rules 1971 and minimum wages Act and Rules there of Central and state Govt.

5. आपको प्रबंधक (विद्युत) भारतीय विमानपत्तन प्राधिकरण, सफदरजंग हवाई अड्डा, नई दिल्ली से तत्काल संपर्क करने का भी निर्देश दिया जाता है। आपको कार्यस्थल (साइट) सौंपने का कार्य उनके द्वारा ही किया जाएगा।

You are also directed to contact Manager (Engg.-E), Airports Authority of India, Safdarjung Airport, New Delhi, immediately who will arrange to hand over the site to you.

6. कृपया नोट करें कि कार्य पूरा करने के लिए आपको 08 (आठ) महीने, का समय प्रदान किया जाता है। जोकि दिनांक 18-04-2024 से प्रारम्भ माना जाएगा।

Please note that the time allowed for carrying out the work shall be 08 (Eight) months and same shall be reckoned from 18.04.2024.

7. ई-निविदा में उठाए गए सभी प्रश्न, स्पष्टीकरण इत्यादि तथा उनका भा.वि.प्रा द्वारा दिया गया उत्तर भी अनुबंध का भाग होगा।

All queries, clarifications etc. raised during e-tendering process and replies there of shall also form part of the agreement.

8. संविदा के सम्बन्ध में भविष्य में किसी भी प्रकार का पत्र व्यवहार इंजीनियर-प्रभारी के नाम से किया जाएगा।

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

29/04/24



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9. कृपया पत्र की पावती भेजें तथा साथ में संलग्न इस पत्र की दूसरी प्रति पर स्वीकारोक्ति के रूप विधिवत् हस्ताक्षर करके हमें वापस भेजें।
Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after duly signing it to the undersigned as a token of acceptance.
10. ठेके की दोष दायित्व अवधि 12 (बारह) महीने है जोकि कार्य समाप्ति की तिथि से गिना जाएगा।
The defect liability period is 12(Twelve) Months after actual date of completion.
11. जीएसटी प्रावधानों का अनुपालन न करने और किसी इनपुट क्रेडिट के अवरुद्ध होने की स्थिति में एएआई की क्षतिपूर्ति करना आपकी जिम्मेदारी होगी।
In case of non- compliance of GST provisions and blockage of any input credit, it shall be your responsibility to indemnify AAI.
12. जीएसटी को छोड़कर दरों में सभी कर शामिल हैं। हालांकि, जीएसटी, जैसा लागू हो, अनुबंध के नियमों और शर्तों के अनुसार वैध जीएसटी चालान के खिलाफ एजेंसी द्वारा एएआई को प्रदान की गई किसी भी कर योग्य आपूर्ति/सेवाओं/निर्माण के लिए ठेकेदार को भुगतान किया जाएगा।
The rates are inclusive of all taxes but excluding of GST. However, GST, as applicable, shall be paid to the contractor for any taxable supply/ services/ construction rendered by the agency to AAI against a valid GST invoices as per terms and conditions of the contract.
13. सभी इनपुट क्रेडिट आपके द्वारा एएआई को दिए जाएंगे।
All input credits will be passed on to AAI by you.
14. यदि कोई विसंगति पाई जाती है तो अंग्रेजी भाषा ही मान्य होगी।
In case of any discrepancy, English version will be taken as correct.

भवदीय

Yours faithfully

(एल.पी.एस. सोलंकी) / (L.P.S. Solanki)

सहायक महाप्रबन्धक अभि.(वि.) Asstt. G.M. Engg (E)
अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर एवं तरफ से

For & on behalf of Chairman, Airports Authority of India

संलग्न: शडयूल ऑफ कुएंन्टीटीज

Encl: Schedule of Quantities

Schedule of Work

Name of work : Provision of Perimeter Lighting at Safdarjung Airport, New Delhi.

S.N.	Description of Item	Unit	Qty	Rate	Amount
1	SH - I: CABLES				
2	Supply of following sizes of aluminium conductor XLPE insulated and PVC sheathed armoured cable conforming to IS 7098 (Part-I) 1988 with up to date amendments.				
2.01	3 .5 core, 185 sq.mm	Mtr	3500	850.00	2975000.00
2.02	4 core, 25 sq.mm	Mtr	4700	175.00	822500.00
	Total of SH -I				3797500.00
3	SH - II: Poles & other accessories				
4	Supply of 3.0 metre high, hot dip galvanised octagonal poles with 130 mm bottom A/F & 70 mm top A/F made up of 3 mm thick sheet, along with base plate of size 200 mm X 200 mm X 12 mm thick, along with suitable length (minimum 1 mtr) Single Arm Bracket of 40NB A-class pipe with suitable end to mount LED fitting at suitable angle as per lux level design, suitably designed door with space for internal junction box and as per technical specifications etc. complete as required comprising following accessories: Note- Material of construction for pole shall be as per IS 2062/BSEN 10025 with yield strength of 350 N/Sq.mm. (a) Supply of 4 nos of M16 X 450 long 'J' type EN 8 grade foundation bolts along with template, 12 nuts and washers. (b) Bakelite sheet with 1 Nos of 6A DP MCB and stud type connector suitable for looping of 4C x 25 Sq mm cable.	Each	31	6000.00	186000.00
5	Supply of 6.0 metre high,hot dip galvanised octagonal poles with 130 mm bottom A/F & 70 mm top A/F made up of 3 mm thick sheet, along with base plate of size 200 mm X 200 mm X 12 mm thick, along with suitable length (minimum 1 mtr) differential Single Arm Bracket of 40NB A-class pipe with suitable end to mount LED fitting at suitable angle as per lux level design, suitably designed door with space for internal junction and as per technical specifications etc. complete as required comprising following accessories: : Note- Material of construction for pole shall be as per IS 2062/BSEN 10025 with yield strength of 350 N/Sq.mm. (a) Supply of 4 nos of M20 X 600 long 'J' type EN 8 grade foundation bolts along with template, 12 nuts and washers. (b) Bakelite sheet with 1 Nos of 6A DP MCB and stud type connector suitable for looping of 4C x 25 Sq mm cable.	Each	76	9000.00	684000.00
6	Supply of 6.0 metre high,hot dip galvanised octagonal poles with 130 mm bottom A/F & 70 mm top A/F made up of 3 mm thick sheet, along with base plate of size 200 mm X 200 mm X 12 mm thick, along with suitable length (minimum 1 mtr) Double Arm Bracket of 40NB A-class pipe with suitable end to mount LED fitting at suitable angle as per lux level design, suitably designed door with space for internal junction and as per technical specifications etc. complete as required comprising following accessories: : Note- Material of construction for pole shall be as per IS 2062/BSEN 10025 with yield strength of 350 N/Sq.mm. (a) Supply of 4 nos of M20 X 600 long 'J' type EN 8 grade foundation bolts along with template, 12 nuts and washers. (b) Bakelite sheet with 1 Nos of 6A DP MCB and stud type connector suitable for looping of 4C x 25 Sq mm cable.	Each	62	9000.00	558000.00
7	Providing and laying in position 1:2:4 reinforced cement concrete foundation (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) made out of M-20 grade concrete of size 450 mm (L) x 450 mm wide and 900 mm deep including excavation of earth, providing cutting, bending and placing in position, reinforcement of cold twisted bars of suitable dia and length - 8 nos. and reinforcement ring of cold twisted bar of suitable dia and length - 6 nos. (with suitable spacing) as required with positioning of foundation bolt set and providing 63 mm. diameter (O.D) DWC, HDPE Pipe for cable entry & exit etc complete as required. For 6 Meter Pole i/c installation of pole complete as required.	Each	138	500.00	69000.00


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S.N.	Description of Item	Unit	Qty	Rate	Amount
8	Providing and laying in position 1:2:4 reinforced cement concrete foundation (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) made out of M-20 grade concrete of size 300 mm (L) x 300 mm wide and 900 mm deep including excavation of earth, providing cutting, bending and placing in position, reinforcement of cold twisted bars of suitable dia and length - 04 nos. and reinforcement ring of cold twisted bar of suitable dia and length - 06 nos. (with suitable spacing) as required with positioning of foundation bolt set and providing 63 mm. diameter (O.D) DWC, HDPE Pipe for cable entry & exit etc complete as required. For 3 Meter Pole i/c installation of pole complete as required.	Each	31	500.00	15500.00
	Total of SH -II				1512500.00
9	SH - III: FITTING & Fixtures				
10.00	Supply of LED Street Lightfully made of pressure die cast aluminum having rated minimum lumen output of 9000 Lumens with rated efficacy at system level (not chip level)>110 lumens/Watt, life of fixture is not less than 50000 hrs @ L-70 lumen maintenance, CCT upto 5700K - 6500K, CRI minimum 70, PF ≥0.95, THD< 10% and an operating voltage range of 140 to 270V, internal surge protection > 4KV. The Street light should be of Al pressure die cast construction & powder coated and with toughened glass/PC Lens. The luminaire should be IP 66 rated . All cables used in the product should be IS compliant . IK Rating of IK07 or above.The fixture should comply with the other parameters as per IS10322	NOS	80	4000.00	320000.00
11.00	Supply of LED Street Lightfully made of pressure die cast aluminum having rated minimum lumen output of 3000 Lumens with rated efficacy at system level (not chip level)>110 lumens/Watt, life of fixture is not less than 50000 hrs @ L-70 lumen maintenance, CCT upto 5700K - 6500K, CRI minimum 70, PF ≥0.95, THD< 10% and an operating voltage range of 140 to 270V, internal surge protection > 4KV. The Street light should be of Al pressure die cast construction & powder coated and with toughened glass/PC Lens. The luminaire should be IP 66 rated . All cables used in the product should be IS compliant . IK Rating of IK07 or above.The fixture should comply with the other parameters as per IS10322	NOS	160	2500.00	400000.00
	Total SH III				720000.00
12	SH - IV: CABLE LAYING				
13	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.				
13.01	Upto 35 sq mm	Mtr	100	50.00	5000.00
13.02	Above 95 sq. mm and upto 185 sq. mm	Mtr	70	50.00	3500.00
14	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL/HDPE pipe as required.				
14.01	Upto 35 sq. mm	Mtr	4200	20.00	84000.00
14.02	Above 95 sq. mm and upto 185 sq. mm	Mtr	3300	25.00	82500.00
15	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.				
15.01	Upto 35 sq. mm (clamped with 1mm thick saddle)	Mtr	20	50.00	1000.00
15.02	Above 95 sq. mm and upto 185 sq. mm (clamped with 40x3mm MS flat clamp)	Mtr	70	100.00	7000.00
16	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.				
16.01	3.5 X 185 sq.mm	Set	14	100.00	1400.00
16.02	4 X 25 sq.mm	Set	308	50.00	15400.00
17	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.	Each	40	200.00	8000.00

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9/01/24

S.N.	Description of Item	Unit	Qty	Rate	Amount
18	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc. direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc. , complete as required.				
18.01	63 mm dia (OD-63 mm & ID-51 mm nominal)	Mtr	4000	150.00	600000.00
19	Providing, laying and fixing 100 mm dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (75 cm deep) and re-filling etc as required.	Mtrs	60	100.00	6000.00
20	Supply & Laying of 110 mm dia (PE-80 & PN-8) HDPE pipe as per IS 4984 through trenchless technology by drilling the bore of suitable dia directly in ground upto the depth of 3 meters from the ground level including necessary joining, coupling, splicing etc complete as required.	Mtr	3300	900.00	2970000.00
21	Fabrication, Installation, Testing & Commissioning of Feeder Piller type Bus bar box size (450 x 600 x200) mm for loop in & loop out of supply cable, made out of 2 mm thick CRCA sheet IP 54, free standing dust and vermin proof, with front hinged lockable doors, suitable for operation on 3 phase, 415 V, 50Hz AC system with 250 Amp, TPN busbars i/c angle iron stand size 50mm x 50mm x 5mm and 60cm height, i/c digging & grouting with cement concrete etc. as reqd	Each	4	2000.00	8000.00
Total of SH -IV					3791800.00
22	SH - V: ITC OF FITTINGS				
23	Installation, Testing and Commissioning of LED type fitting on 6 Mtr (Approx) Octagonal Pole i/c wiring with 3 C x 2.5 sqmm PVC insulated & PVC round sheathed copper conductor cable of suitable length upto loop in loop out box including necessary connection etc complete as required.	Job	138	100.00	13800.00
24	Installation, Testing and Commissioning of LED type fitting on 3 Mtr (Approx) Octagonal Pole i/c wiring with 3 C x 2.5 sqmm PVC insulated & PVC round sheathed copper conductor cable of suitable length upto loop in loop out box including necessary connection etc complete as required.	Job	31	100.00	3100.00
Total of SH -V					16900.00
25	SH - VI: LT PANELS & OTHER ELECTRICAL EQUIPMENT				
26	Design, Fabrication, Installation, Testing & Commissioning of Feeder Piller, cubicle type, made out of 2 mm thick CRCA sheet with 100 x 50 mm channel base frame in the bottom, totally enclosed, IP 65, free standing dust and vermin proof, outdoor, compartmentalised with front & back hinged lockable double doors, suitable for operation on 3 phase, 415 V, 50Hz AC system with TPN busbars with internal control wiring of minimum 2.5 sqmm size FR PVC insulated wires, interconnection, duly powder coated of approved shade with angle iron stand size 50mm x 50mm x 5mm and 60cm height, i/c digging & grouting with cement concrete etc. as per specifications having following switchgears and accessories as per the approved drawing.				
A	(A) INCOMER				
	(i) Onload Changeover switch 160 A, 4P - 1No				
	(ii) MCCB, 4P, 125 A , 35 KA Breaking Capacity with Ics=Icu=100% with thermal magnetic release - 1 No				
	(B) Metering /Indication				
	(i) Digital Ammeter with selector switch alongwith 3 nos. CT's of suitable ratio & burden, for incommer-1 set				
	(ii) LED indicating lamp-R,Y,B with toggle switch for incommer- 1 set (3 Nos)				
	(iii) Digital Voltmeter for incommer- with selector switch & 3 nos. 2 Amp control MCB for voltmeter & indicator-1 set	Job	2	25000.00	50000.00
	(C) Bus bars				
	One set of 250 A TPN bus bars of high conductivity electrolytic quality, Aluminium alloy.				
	(D) OUTGOINGS				
	(i) MCCB, 4P, 125 A , 35 KA Breaking Capacity with Ics=Icu=100% with thermal magnetic release - 1Nos.				

