



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

Ref. No. AAI/RPR/ENGG (E)/CW/WO-03/2022-23/

Date: 10.10.2022

स्पीड पोस्ट / ई-मेल
By Speed Post/E-Mail

सेवा में,

मेसर्स आर. के. लाला,
J 2 सेक्टर 2, नियर वाटर टैंक
अवंति विहार
रायपुर - 492006 छत्तीसगढ़

M/s R.K. Lala
Plot No. J-2, Near Water Tank,
Avanti Vihar,
Raipur- 492006 (C.G.)

कार्य का नामरू. स्वामी विवेकानन्द हवाई अड्डा, रायपुर पर हाई मास्ट का स्थानांतरण।।

Name of work:- Relocation of High Mast at S. V. Airport, Raipur.

संदर्भ/Ref:- आपकी ई-निविदा जो 07.09.2022 को खोली गई/ Your e- tender opened on 07.09.2022.

महोदय/ Sir,

1. उल्लिखित कार्य हेतु आपकी ई-निविदा के संबंध में आपके द्वारा उद्धरीत कुल रू. **19,98,150.00 (रुपये उन्नीस लाख अन्त्यान्वे हजार एक सौ पच्चास मात्र)** (जी. एस. टी. रहित), जो कि अनुमानित रू. **25,89,917.00** (जी. एस. टी. रहित) की तुलना में **22.85%** कम है और उचित लागत रू. **25,92,121.00** की तुलना में **22.91%** कम है, को अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है।

Your e- 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 of **Rs. 19,98,150.00 (Rupees Nineteen Lakhs Ninety Eight Thousand One Hundred Fifty Only)** (excluding GST), which is **22.85% Below** estimated cost of **Rs 25,89,917.00** (excluding GST) and **22.91% Below** compared to Justified cost of **Rs. 25,92,121.00** (excluding GST).excluding GST.

2. वरिष्ठ प्रबंधक (अभि-वि), भाविप्रा, स्वामी विवेकानंदा हवाई अड्डा, रायपुर, उपरोक्त कार्य के प्रभारी होंगे। आपसे निवेदन है कि आप वरिष्ठ प्रबंधक (अभि-वि) भाविप्रा, स्वामी विवेकानंदा हवाई अड्डा, रायपुर, के कार्यालय में दिनांक **25.10.2022** तक उपस्थित रहकर हस्ताक्षर करने तथा करार की कार्यवाही पूर्ण करने का कष्ट करें। ठेका करार का निष्पादन एक सौ रूपए मूल्य के गैर अदालती स्टैम्प पेपर पर किया जाएगा तथा स्टैम्प पेपर का खर्च आपके द्वारा वहन किया जाएगा।

SM Engg (E), AAI, Swami Vivekananda Airport, Raipur, shall be the Engineer - In-charge of the work. You are requested to attend the office of SM Engg (E) AAI, Swami Vivekananda Airport, Raipur by **25.10.2022** to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs. 100/- (Rupees one hundred only) and the cost of the stamp paper shall be borne by you.

स्वामी विवेकानन्द एयरपोर्ट, रायपुर (छ.ग.)-492015
Swami Vivekananda, Airport, Raipur (CG)- 492015

वरिष्ठ प्रबंधक (अभि-विद्युत)
Maindar (Engg-Elect)
हस्ताक्षर-0771-2418044
Phone.- 0771-2418044



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

3. आपसे अनुरोध है कि इस पत्र के जारी होने की तारीख से 10 दिनों के भीतर सुरक्षा राशि जो टेंडर राशि के @10% हैं को प्रस्तुत करें, अन्यथा अनुबंध के पृष्ठ 61 पर शर्त के अनुसार आपके बिल से काटा जाएगा

You are requested to furnish Security Deposit @ 10% of tender amount within 10 days from the date of issue of this letter failing which same will be deducted as per condition on page 61 of contract document from your bill.

4. आपसे अनुरोध है कि आप ठेका श्रमिक (विनिमय एवं उन्मुलन) अधिनियम 1970 के उपबन्धों का अनुपालन करें। साथ ही ठेका श्रमिक (विनिमय एवं उन्मुलन) केन्द्रीय नियमावली 1971 एवं केन्द्रीय एवं राज्य सरकारों के न्यूनतम वेतन तथा उससे सम्बन्धित अन्य नियमों का पालन करें।

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 and minimum wages act and rules of Central and State Governments, with its upto date amendments thereof.

5. आपको यह भी निर्देश दिया जाता है कि आप वरिष्ठ प्रबंधक (अभि-वि), भाविप्रा, स्वामी विवेकानंदा हवाई अड्डा, रायपुर (मो. नं. - 7389494314), से अविलम्ब सम्पर्क करें जो आपको कार्यस्थल सौंपेंगे।

You are also directed to contact Sr. Manager (Engg-E), AAI, S.V. Airport, Raipur (Mob. No.- 7389494314), immediately who will arrange to hand over the site to you.

6. कृपया यह भी नोट कर लें कि निविदा के अनुसार कार्य निष्पादन हेतु अनुगत समय 04 (चार) महीने है जो दिनांक **25.10.2022** से माना जाएगा।

Please note that the time allowed for carrying out the work shall be 04 (Four) months and same will be reckoned from **25.10.2022**.

7. इस ठेके से संबंधित किसी भी प्रकार के पत्र व्यवहार के लिए कार्य के प्रभारी को संबंधित करेंगे।
Any further correspondence in connection with the contract should normally be addressed to the Engineer - in- charge.

8. कृपया इस पत्र की प्राप्ति सूचना दे तथा इसके साथ संलग्न अनुप्रति पर हस्ताक्षर करके टोकन के प्रतिग्रहण के रूप में अधोहस्ताक्षरी को वापस भेज दें।
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.

9. कार्यआदेश के संबंध में किसी प्रकार की टंकणीय त्रुटि/विसंगति होने पर अंग्रेजी संस्करण मान्य होगा।
With reference to this work order, if in case of any typographical mistake/discrepancy arise, the English version shall prevail.

धन्यवाद / Thanking you,

संलग्न / Encl: Schedule

भवदीय / Yours faithfully,

वरिष्ठ प्रबंधक (अ-वि). / Sr. Manager [E-E]

एएआई, स्वामी विवेकानंदा, हवाई अड्डा, रायपुर / AAI, S. V. Airport, Raipur

स्वामी विवेकानन्द एयरपोर्ट, रायपुर (छ.ग.)-492015
Swami Vivekananda, Airport, Raipur (CG)- 492015

दूरभाष-0771-2418044
Phone.- 0771-2418044

प्रतिलिपि (बाह्य):-

1. श्रम प्रवर्तन अधिकारी (केन्द्रीय) एल-7, डी/6, आदर्श सोसायटी, सेक्टर-1, अवन्ति विहार, रायपुर
2. क्षेत्रीय भविष्य निधि आयुक्त-1, कर्मचारी भविष्य निधि संगठन, (श्रम एवं रोजगार मंत्रालय, भारत सरकार), क्षेत्रीय कार्यालय छत्तीसगढ़, खंड-डी योजना नं. 32, इंदिरा गांधी व्यवसायीक परिसर, पन्डरी, रायपुर, (छ.ग.)

प्रतिलिपि (आन्तरिक):-

1. संयुक्त महाप्रबंधक (अभि-विद्युत), पूर्वी क्षेत्र, भाविप्रा, एन.एस.सी.बी.आई. हवाई अड्डा, कोलकाता
2. उप महाप्रबंधक (सतर्कता), पूर्वी क्षेत्र, भाविप्रा, एन.एस.सी.बी.आई. हवाई अड्डा, कोलकाता

आन्तरिक वितरण:-

(सूचनार्थ)

1. विमानपत्तन निदेशक, स्वामी विवेकानन्द हवाई अड्डा, रायपुर
2. सहा. महाप्रबंधक, (अभि-सिविल)-I, स्वामी विवेकानन्द हवाई अड्डा, रायपुर
3. उप. महाप्रबंधक (वित्त), स्वामी विवेकानन्द हवाई अड्डा, रायपुर
4. सहा. महाप्रबंधक, (अभि-वि), स्वामी विवेकानन्द हवाई अड्डा, रायपुर

वरिष्ठ प्रबंधक (अ-वि). / Sr. Manager (A-E)
एएआई, स्वामी विवेकानंदा, हवाई अड्डा, रायपुर / AAI, S.V. Airport, Raipur

22/07/2015
Sr. Manager (A-E)
आ. वि. प्र. स्तरीय रायपुर
22/07/2015

Airports Authority of India
Swami Vivekananda Airport, Raipur

Schedule of Quantities

Name of Work:- Relocation of High Mast at S. V. Airport, Raipur.

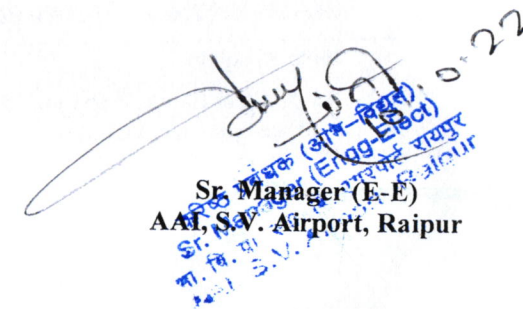
S. No.	Item Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
1	Designing, Erectioning, Testing and Commissioning of flood lighting system upto 12 mtr. height suitable for wind velocity of 180KM/hr with base plate welded to the bottom sections, holdings and it shall also include head frame, steel wire rope , non corrosive pulley, complete with control gear boxes, electric driven integral power tool, power & control cables etc. as required along with the following etc. complete as required as per the specifications given include making of necessary foundation as per site conditions. (High Mast and lantern carriage will be provided by AAI). a) Supply of stainless steel wire ropes of minimum 6mm dia 316 Grade S.S hoisting (7/19 construction) suitable for Raising and lowering mechanism etc. b) Supply, Laying and fixing of 2 runs of flexible round sheath 5 core control cables of appropriate rating from junction box to lantern carriage including wiring with suitable size of copper cable for individual wiring of all fittings including 2 Nos Aviation obstruction lights. c) Supply of foundation bolts manufactured from special steel along with nuts, washer, suitable size anchor plate and template. d) Design, casting of open raft type RCC foundation suitable for soil bearing capacity at site. The minimum M20 grade concrete for the high mast considering the safe soil bearing capacity at site as 10 T/sqmtr at 2 meter depth job including all materials and labour and as per site conditions. (The foundation design should be vetted form reputed IIT/ NIT/ any reputed Govt technical institution for withstanding the 180km/hr wind pressure along with desired fittings for 20 average lux level at apron). e) Heavy gauge hot dip galvanized lightening arrester and its necessary connections at the top. f) Wiring of luminaires with all wiring materials like PVC insulated PVC sheathed flexible cable of suitable copper conductor cores of 1.5 sq. mm, lugs, MCB etc as required. g) Supply and Installation of outdoor stand mounted feeder pillar with 63A TPN MCB incomer, single dial time switch, 45A TP contactor for the automatic switching of luminaries, power tool control with 2 no 9A contactors and raise lower push button, Incoming 25/35 sq. mm and out going 16 & 2.5 sq. mm terminals. h) Provision of 02 Nos GI pipe earthing for High mast with 2.5 M long 40 mm dia GI Pipe including connection to High mast earth terminal with 25 x 3 mm GI flats with all materials and labour. i) SITC of 2 Nos Aviation obstruction lights.	Nos.	4	188000.00	752000.00

S. No.	Item Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
2	Designing, Erectioning, Testing and Commissioning of flood lighting system upto 22 mtr. height suitable for wind velocity of 180KM/hr with base plate welded to the bottom sections, holdings and it shall also include head frame, steel wire rope , non corrosive pulley, complete with control gear boxes, electric driven integral power tool, power & control cables etc. as required along with the following etc. complete as required as per the specifications given include making of necessary foundation as per site conditions. (High Mast and lantern carriage will be provided by AAI). a) Supply of stainless steel wire ropes of minimum 6mm dia 316 Grade S.S hoisting (7/19 construction) suitable for Raising and lowering mechanism etc. b) Supply, Laying and fixing of 2 runs of flexible round sheath 5 core control cables of appropriate rating from junction box to lantern carriage including wiring with suitable size of copper cable for individual wiring of all fittings including 2 Nos Aviation obstruction lights. c) Supply of foundation bolts manufactured from special steel along with nuts, washer, suitable size anchor plate and template. d) Design, casting of open raft type RCC foundation suitable for soil bearing capacity at site. The minimum M20 grade concrete for the high mast considering the safe soil bearing capacity at site as 10 T/sqmtr at 2 meter depth job including all materials and labour and as per site conditions. (The foundation design should be vetted form reputed IIT/ NIT/ any reputed Govt technical institution for withstanding the 180km/hr wind pressure along with desired fittings for 20 average lux level at apron). e) Heavy gauge hot dip galvanized lightening arrester and its necessary connections at the top. f) Wiring of luminaires with all wiring materials like PVC insulated PVC sheathed flexible cable of suitable copper conductor cores of 1.5 sq. mm, lugs, MCB etc as required. g) Supply and Installation of outdoor stand mounted feeder pillar with 63A TPN MCB incomer, single dial time switch, 45A TP contactor for the automatic switching of luminaries, power tool control with 2 no 9A contactors and raise lower push button, Incoming 25/35 sq. mm and out going 16 & 2.5 sq. mm terminals. h) Provision of 02 Nos GI pipe earthing for High mast with 2.5 M long 40 mm dia GI Pipe including connection to High mast earth terminal with 25 x 3 mm GI flats with all materials and labour. i) SITC of 2 Nos Aviation obstruction lights.	Nos.	2	215000.00	430000.00
3	Supply of pressure die-cast aluminium IP66 fittings in the range of 300 Watt to 350 watt power consumption suitable to operate on 230V ac power supply to achieve the required lux level in the flood lighting system along with driver, lenses, mounting bracket, nut/bolt etc complete as per tender specification and approval make & model. (LED fittings should be efficacy >100(Lumen/w),CRI> 70, IP66 rating). (5 year guarantee shall be provided for complete fittings i/c controller by manufacturer/dealer in favour of AAI).	Job	32	15750.00	504000.00

S. No.	Item Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
4	Supply of 3.5 C X 35 Sq.mm sizes of XLPE insulated and PVC sheathed XLPE aluminum conductor armoured cable of 1.1KV grade conforming to IS 7098 (Part-I) with up to date amendments as required.	Mtr.	400	244.00	97600.00
5	Supply of 63 mm dia (OD-63 mm) size HDPE pipe (PN8, PE 80 grade) ISI marked along with all accessories like socket, bend, couplers etc. conforming to ISI marked as per IS 4984:2016 with up to date amendment and technical specification with fitting and cutting, jointing etc. complete as required.	Mtr.	300	212.00	63600.00
6	Laying of of 63 mm dia (OD-63 mm) size HDPE pipe (PN8, PE 80 grade) DWC / HDPE ISI marked along with all accessory like socket, bend, coupler etc. complete with fitting and cutting joints 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.	Mtr.	300	135.00	40500.00
7	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/HDPE/METAL pipe as required.				
(a)	upto 35 sqmm	Mtr.	350	20.00	7000.00
8	Laying and fixing of one no. PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade of following size on wall surface/open duct with proper clamping as required as per site condition.				
(a)	upto 35 sqmm	Mtr.	50	25.00	1250.00
9	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed /XLPE aluminum conductor cable of 1.1 KV grade as required.				
(a)	3.5C X 35 Sqmm (32mm)	Each	18	200.00	3600.00
(b)	3.5C X 35 Sqmm (Without Gland)	Each	6	100.00	600.00
(c)	3.5C X 150 Sqmm (50mm)	Each	2	500.00	1000.00
10	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories (with charcoal/ coke and salt) and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. as required.	Each	2	9000.00	18000.00
11	Supplying and laying 25 mm X 5 mm G.I strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with G.I. nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of G.I. nut bolt & spring washer spaced at 50mm)	Mtr.	10	150.00	1500.00
12	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/ cable as required.	Mtr.	400	20.00	8000.00
13	Dismantling and shifting of flood lighting system upto 22 mtr. height including all associated accessories such as control cable, luminaire carriage, feeder pillar, light fixture etc. complete as required as per the direction of EIC and as per site conditions.	Job	2	30000.00	60000.00

S. No.	Item Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
14	Excavation of the cable trenches in hard rock not exceeding 1.5 meter in width, and lift upto 1.5 meter, including getting out the excavated soil and disposal of excavated soil as directed within a lead of 50 meter.	Cum	5	1000.00	5000.00
15	Installation of pressure die-cast aluminum IP66 fittings in the range of 300 Watt to 350 watt power consumption suitable to operate on 230V ac power supply to achieve the required lux level in the flood lighting system along with driver, lenses, mounting bracket, nut/bolt etc. complete as required.	Each	45	100.00	4500.00
Total					1998150.00

Rupees in words:- Nineteen Lakhs Ninety Eight Thousand One Hundred Fifty Only.



 Sr. Manager (E-E)

 AAI, S.V. Airport, Raipur