



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

Ref. No. AAI/RPR/ENGG (E)/CW/WO-01/2021-22/

Date: 21.10.2021

By Speed Post/E-Mail

सेवा में,

मेसर्स क्रिशसन्स इंटरनेशनल इंजीनियर्स
एण्ड कन्सल्टेंट्स (I) प्रा. लि.,
304 वेलेंटाइन टॉवर, फिल्म सिटी रोड,
ऑप.- वागेश्वरी मंदिर, मलाड (पूर्व),
मुंबई - 400097

M/s Krishsons International Engineers
and Consultants (I) Pvt. Ltd.,
304 Velentine Tower, Film City Road,
Opp. Wageswari Temple, Malad (East),
Mumbai - 400097

कार्य का नाम:- स्वामी विवेकानन्द हवाई अड्डा रायपुर पर दीवार पैनल 300 से 900 तक केबल बिछाने सहित परिधि प्रकाश खंभों की प्रतिस्थापना।

Name of work:- Replacement of perimeter light poles including cable laying from wall panel no. 300 to 900 at S. V. Airport, Raipur.

संदर्भ/Ref:- आपकी ई-निविदा जो 17.09.2021 को खोली गई/ Your e- tender opened on 17.09.2021.

महोदय/ Sir,

1. उल्लिखित कार्य हेतु आपकी ई-निविदा के संबंध में आपके द्वारा उद्धरीत कुल **रु. 41,99,917.00 (रुपये इकतालीस लाख निन्यानवे हजार नौ सौ सत्रह मात्र)** (जी. एस. टी. रहित), जो कि आंकलन लागत राशि रु. 55,63,876.00 (रुपये पचपन लाख तिरसठ हजार आठ सौ छिहत्तर मात्र) (जी. एस. टी. रहित) से 24.51% 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. 41, 99,917.00 (Rupees Forty One Lakhs Ninety Nine Thousand Nine Hundred Seventeen Only)** excluding GST, which is **24.51% below** the estimated cost put to tender of **Rs. 55, 63,876.00 (Rupees Fifty Five Lakhs Sixty Three Thousand Eight Hundred Seventy Six only)** 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 01.11.2021 तक उपस्थित रहकर हस्ताक्षर करने तथा करार की कार्यवाही पूर्ण करने का कष्ट करें। ठेका करार का निष्पादन एक सौ रुपए 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 01.11.2021 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

दूरभाष-0771-2418044
Phone.- 0771-2418044

[Handwritten signature and date stamp]
21.10.21
SM Engg (E)



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 54 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 54 of contract document from your bill.

4. आपसे अनुरोध है कि आप ठेका श्रमिक (विनियम एवं उन्मुलन) अधिनियम 1970 के उपबन्धों का अनुपालन करें। साथ ही ठेका श्रमिक (विनियम 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 कनिष्ठ कार्यपालक (अभि-वि), भाविप्रा, स्वामी विवेकानंदा हवाई अड्डा, रायपुर (मो. नं. - 9990521510), से अविलम्ब सम्पर्क करें जो आपको कार्यस्थल सौंपेंगे।

You are also directed to contact JE (Engg-E), AAI, S.V. Airport, Raipur (Mob. No.- 9990521510), 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 **01.11.2021** 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 **01.11.2021**.

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
21-10-21
वरिष्ठ प्रबंधक (अ-वि) / Sr. Manager [E-E]
एएआई, स्वामी विवेकानंदा, हवाई अड्डा, रायपुर / AAI, S. V. Airport, Raipur

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 व्यवसायिक 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)-1, स्वामी विवेकानन्द हवाई अड्डा, रायपुर
3. उप. महाप्रबंधक (वित्त), स्वामी विवेकानन्द हवाई अड्डा, रायपुर
4. सहा. महाप्रबंधक, (अभि-वि), स्वामी विवेकानन्द हवाई अड्डा, रायपुर
5. कनिष्ठ कार्यपालक, (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

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

Airports Authority of India
Swami Vivekananda Airport, Raipur
Schedule of Quantities

Name of Work:- Replacement of perimeter light poles including cable laying from wall panel no. 300 to 900 at S. V. Airport, Raipur.

S. No.	Item Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
1	Supply of 3 mtr height hot dip galvanised octagonal poles with 130 mm bottom (A/F) and 70 mm top (A/F) made of 3mm thick HT sheet along with base plate of size 200mm X 200mm X 12mm thick welded to bottom of the pole having hinged lockable Terminal box along with 4 Nos. foundation bolts including template, single arm bracket of length approx 500 mm for mounting of fitting, suitable size of terminal box compartment etc. as required.	Each	103	4700.00	484100.00
2	Erection of 3 mtr. height octagonal street light pole including RCC foundation made from cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) of dimensions 1100 mm x 400 mm x 400 mm along with 50 mm height 1:3:6 PCC base at bottom, excavation and refilling etc. complete as required or as per OEM design whichever is higher.	Job	103	1900.00	195700.00
3	Dismantling of pole/ street light standard/strut embedded in cement concrete foundation and demolishing of cement concrete foundation i/c removal of mulba/rubbish, within a lead of 100 metres etc. all complete as per direction of Engineer-in-Charge.	Each	103	50.00	5150.00
4	Supplying and fixing suitable size of bakelite base sheet in the pole terminal/junction box i/c providing and fixing of single pole 2 A, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load, its DIN Rail, Bakelite (Hylam) sheet, 4 pole stud type connector complete with connections, testing and commissioning etc. as required.	Each	103	570.00	58710.00
5	Installation, testing and commissioning of street light fixtures on existing street light pole of height not more than 3 mtr. complete with providing and laying of 3C x 1.5sqmm PVC insulated and FR PVC Copper conductor (flexible) cable from terminal box to fitting, connections etc. as required.	Each	103	100.00	10300.00
6	Supply, Installation, Testing & Commissioning of outdoor type cubical panel with suitable slope on top, double door front opening made out of 14 SWG CRCA sheet steel, Gland plate shall be 3mm thick, totally enclosed with IP 54 protection, dust and vermin proof, compartmentalized with powder quoted painting on suitable cement concrete foundation made up of 1 : 2 : 4 (1 Cement: 2 Coarse Sand : 4 Grade Stone aggregate 20 mm nominal size) including wiring, inter connections, earthing etc. as required and shall consist of the following switchgear and accessories:-	Each	1	74500.00	74500.00
	Incomer: 2 Nos. 160 A, 25 kA, FP, MCCB, Ics=100% Icu, Thermal Magnetic release variable range, with extended rotary handle and all accessories including providing spreader terminals and auxiliary contacts.				
	Instruments: 2 sets of digital multifunction meter for 3 phase, 4 wire operation along with 3 Nos. suitable range CTs and control MCB's.				
	3 Ph phase indicating lamps of LED type for RYB and breaker 'ON', 'OFF' indication with control MCB for individual lamp.				
	Bus Bar: 1 set of 200 Amps FP bus bar of high conductivity electrolytic quality aluminium alloy.				
	Outgoings:				
	(i) 04 Nos. FP MCB 32 Amps, directly connected to bus bar in separate compartment. (ii) 1 No. Contactor timer arrangement consisting of 25 A 4 pole contactor, 24 Hrs. Electro mechanical time switch and 32 Amps FP MCB i/c providing 3 point toggle switch on the compartment door and 2 Nos. ON/OFF LED Indication Lamps with control MCB for individual lamp.				

S. No.	Item Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
7	Supply of following sizes of XLPE insulated and PVC sheatheel XLPE aluminnum conductor armoured cable of 1.1KV grade conforming to IS 7098 (Part-I) with up to date amendments as required.				
(a)	3.5C x 185 Sq.mm	Mtr.	2108	760.00	1602080.00
(b)	4C X 25 Sq.mm	Mtr.	2569	166.00	426454.00
8	Supply of following sizes of XLPE insulated and PVC sheathed XLPE Copper conductor armoured cable of 1.1KV grade conforming to IS 7098 (Part-I) with up to date amendments as required.				
(a)	4C X 4 Sq.mm	Mtr.	1381	200.00	276200.00
9	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 andpro ective covering etc. , complete as required				
(a)	90 mm dia (OD-90 mm & ID-76 mm nominal)	Mtr.	2090	125.00	261250.00
(b)	63 mm dia. (OD-63 mm & ID-51 mm nominal)	Mtr.	2265	100.00	226500.00
(c)	50 mm dia (OD-50mm & ID 40 mm nominal)	Mtr.	1347	80.00	107760.00
10	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.				
(a)	Upto 35 sq. mm	Mtr.	3658	10.00	36580.00
(b)	Above 95 sq. mm and upto 185 sq. mm	Mtr.	2108	12.00	25296.00
11	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.				
(a)	4C X 25 sq. mm (28mm)	SET	3	224.00	672.00
(b)	4C X 25 sq. mm (Excluding Gland)	SET	204	130.00	26520.00
(c)	3.5C X 185 sq. mm (57mm)	SET	4	675.10	2700.40
12	Supplying and making end termination with brass compression gland and Copper lugs for following size of PVC insulated and PVC sheathed/ XLPE Copper conductor cable of 1.1 KV grade as required.				
(a)	4C X 4 sq. mm	SET	6	55.00	330.00
13	Supplying and making straight through joint with heat shrinkable kit including ferrules and other jointing materials for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.				
(a)	3.5C X 185 sq. mm	SET	4	3000.00	12000.00
14	Earthing with G.I. Earth Pipe 4.5 mtr. long 40 mm dia 'B' class i/c accessories (with charcoal /coke and salt) and providing C. I. box round type metal container of outside dia 330 mm, 450 mm height made from 10 mm thick cast iron moulding all round except in the top surface which is 15 mm thick and having clear opening of 220 mm at top and bottom surface, having 6 nos. M-10 tapped hole at the hole Centre 260 mm to receive C.I./ M.S. base plate with SS bolts as required. One hole at 150 mm from top shall be provided for fixing of 15 mm G.I. pipe. This box will act as the enclosure for earth electrode. This box will be mounted on base concrete of 1:3:6 of size 630x630x100 mm thick and all round concrete of 1:2:4, 150 mm width upto the C.I. box top. The top of the box shall not protrude more than 25 mm from the existing ground level and the top elevation of the box shall be evenly sloped all round using 1:2:4 cement concrete, complete as required.	Job	2	8000.00	16000.00
15	Providing and laying earth connection from earth electrode with 6 SWG dia G.I. Wire in 15 mm dia G.I. pipe from earth electrode including connection with G.I. thimble excavation and re-filling as required.	Mtr.	10	185.00	1850.00
16	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.	6519	21.00	136899.00
17	Supplying and making cable route marker with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) of size 60 cm X 60 cm at the bottom and 50 cm X 50 cm at the top with a thickness of 10cm including inscription duly engraved as required.	Each	10	2126.00	21260.00

S. No.	Item Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
18	Providing, laying and fixing following dia G.I. pipe (Medium Class-B) in the existing trench complete with G.I. fittings etc. as required.				
(a)	150 mm dia.	Mtr.	18	1870.00	33660.00
(b)	50 mm dia.	Mtr.	46	545.00	25070.00
19	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	19.2	1093.00	20985.60
20	Supplying and fixing suitable size PVC box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.	Each	4	500.00	2000.00
21	Supply of surface mounting 10 W (nominal capacity), IP 65, Bulkhead LED light fitting, complete with accessories suitable for use on 230 volts, 50 Hz, single phase, A.C. supply complete as required. (Make:- Wipro, Model - LW07-141-XXX-57-G1 - IP65 or equivalent).	Each	2	264.00	528.00
22	Installation, testing and commissioning of wall bracket /ceiling fittings of all sizes and shapes containing upto two GLS/CFL/LED lamps per fitting/wall fan, complete with all accessories including connections etc. as required.	Each	2	99.95	199.90
23	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
(a)	Group C	Point	6	900.00	5400.00
24	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.				
(a)	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Mtr.	6	200.00	1200.00
25	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.				
(a)	Upto 35 sq. mm (Clamped with 1mm thick saddle)	Mtr.	12	25.00	300.00
26	Supplying and fixing DP sheet steel enclosure on surface/ recess along with 6A to 32 A 240 V DP MCB complete with connections, testing and commissioning etc. as required	Each	2	864.80	1729.60
27	Providing and laying in position reinforced cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) in foundation of pump, DG set etc including form work etc as required (excluding reinforcement).	Cum	19.2	5210.00	100032.00
Total					4199916.50
Say Rs.					4199917.00
(Rupees in word: Forty One Lakhs Ninety Nine Thousand Nine Hundred Seventeen Only)					


Sr. Manager, E-EE,
AAI, S.V. Airport, Raipur