



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

Ref. No. AAI//Kushinagar /Engg-(E)/WO-4/2021-22/74C 1-14)

DATE:- 09.12.2021

सेवा में,
मेसर्स पद्मजा इलेक्ट्रीकल्स,
शाप न. 3, न्यू वाईट हाउस को - ऑप, एच. एस.जी.,
अपोजिट सहयद्री बस स्टाप, मुंबई-पुणे रोड,
मनीषा नगर, कलवा थाणे, महाराष्ट्र - 400605.

To,
M/s Padmaja Electricals,
Shop No. 3, New White House Co-op. Hsg.,
Opp. Sahyadri Bus Stop, Mumbai- Pune
Road, Manisha Nagar, Kalwa Thane,
Maharashtra -400605.

कार्य का नाम:- कुशीनगर हवाई अड्डे पर पुराने पावर हाउस से नए सब स्टेशन उपकरणों का स्थानांतरण।

Name of Work: -Shifting of Substation Equipments from Old Power House to New Substation at Kushinagar Airport.

संदर्भ :- आपका ई-टेंडर पोर्टल (E - Bid No. - 2021_AAI_92868) 29.11.2021 को खोला गया

Ref: -Your E-Tender portal (E - Bid No. - 2021_AAI_92868) opened on 29.11.2021.

Sir,

1. उपरोक्त उल्लिखित कार्य हेतु आपका टेंडर अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है, आपके द्वारा बताए गये मद मूल्यों पर आपकी टेंडर राशि कुल **₹16,65,245.00/-** (शब्दों में सोलह लाख पैंसठ हजार दो सौ पैंतालिस रुपए मात्र है), जोकि टेंडर की जायज़ लागत **₹21,35,543/-** से **22.02%** कम है।

Your tender for the above mentioned work submitted through e-portal is hereby accepted on behalf of Chairman, Airports Authority of India at the items rates quoted by you amounting to **₹16,65,245.00/- (Rupees Sixteen Lakh Sixty Five Thousand Two Hundred Forty Five Only)** which is **22.02% below** the Justified cost put to tender of **₹21,35,543/-**

2. सहायक महाप्रबंधक (इंजी-विद्युत), कुशीनगर विमानपत्तन कार्य के प्रभारी अभियन्ता होंगे। आपसे निवेदन है कि आप दिनांक **28.12.2021** तक सहायक महाप्रबंधक (इंजी-विद्युत), कुशीनगर हवाई अड्डा के कार्यालय में उपस्थित हों या आपकी ओर से एक विश्वसनीय प्रतिनिधि प्रतिनियुक्त करें जो करारनामे पर हस्ताक्षर के लिए अधिकृत हो तथा करारनामे को पूरा करें। ठेके का करारनामा 100/- के नोन ज्यूडीशियल स्टाम्प पेपर पर निष्पादित किया जाएगा, तथा पेपर का खर्च आपके द्वारा उठाया जाएगा।

Asst. Gen. Manager (E-E), AAI, Kushinagar International Airport, Kushinagar shall be the Engineer-In-charge of the work. You are requested to attend the office of AGM (E-E), Kushinagar International Airport, Kushinagar by 28.12.2021 to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value **₹100/- (Rupees One Hundred only)** and the cost of the stamp paper shall be borne by you.

3. इस ठेके में बयाना राशि लागू नहीं होने की वजह से आपसे कोई बयाना राशि प्राप्त नहीं हुई। अतः ठेके के कारनामे के अनुसार सुरक्षा राशि के लिए इस पत्र के जारी करने के तिथि से 10 दिनों के भीतर जमानत राशि रु. **1,66,525/-** (रुपये एक लाख छियासठ हजार पांच सौ पच्चीस मात्र) जमा कर दे, अन्यथा इतनी ही राशि जीसीसी के पेज संख्या 18 पर दिये गये क्लॉज न. 1ए की शर्त के अनुसार काट ली जायेगी।

The earnest money amount has not been received from you as EMD is not applicable in this contract. Therefore, please deposit Rs. 1,66,525/- (Rupees One Lakh Sixty Six

4. आपसे निवेदन है कि आप केन्द्रीय और राज्य सरकार के 1970 के अधिनियम अनुबंध, श्रम नियम तथा 1971 केन्द्रीय नियम अनुबंध श्रम नियम (नियमन तथा उन्मूलन एवं केंद्र तथा राज्य सरकार के न्यूनतम वेतन अधिनियम और नियमों के प्रावधानों का करें।

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 including Provident Fund.

5. श्रम के विभिन्न विधानों के अनुसार संबन्धित अधिकारियों से लाइसेंस/अनुमति लेने व पालन करने के लिए एकमात्र दायित्व ठेकेदार (करार फर्म/कंपनी सहित) का होगा जिसमें संविदा श्रम (विनियमन एवं उन्मूलन) अधिनियम, 1970 के अंतर्गत लेबर लाइसेंस लेना भी शामिल है।

It shall be the sole liability of the contractor (including the contracting firm/company) to obtain and to abide by all necessary licenses/permissions from the authorities concerned as provided under the various labour legislations including the labour license obtained as per the provisions of the Contract Labour (Regulation & Abolition) Act, 1970.

6. ठेकेदार को उसके द्वारा तैनात कर्मियों का नियमित और प्रभावी पर्यवेक्षण और नियंत्रण सुनिश्चित करना होगा और संविदात्मक दायित्वों के पालन के लिए उपयुक्त दिशा देना होगा।

The contractor shall ensure regular and effective supervision and control of the personnel deployed by him and gives suitable direction for undertaking the contractual obligations.

7. आपके निर्देश दिया जाता है कि आप तुरंत सहायक महाप्रबंधक (इंजी-विद्युत)/प्रबंधक(इंजी-विद्युत), कुशीनगर में मिलें वह आपको साइट सौंपने की व्यवस्था करेंगे।

You are also directed to contact AGM (E-E)/Manager (E-E) Kushinagar Airport immediately who arrange to hand over the site to you.

8. कृपया नोट कर लें कि काम करने का अनुमानित समय 2 माह है, जो की कार्य आदेश जारी करने के 10 दिन से गिना जाएगा।

Please note that the time allowed for carrying out the work shall be 2 Months and same shall be reckoned from after 10 days issued of work order date. Time is essence of the contract.

9. इस ठेके के संबंध में आगे का कोई भी पत्राचार सहायक महाप्रबंधक (इंजी-विद्युत), कुशीनगर के पते पर किया जाए।

Any further corresponding in connection with the contract should normally be addressed to the Asst. Gen. Manager (E-E).

10. कृपया पावती स्वीकार करें और इस स्वीकृति के टोकन के रूप में अधोहस्ताक्षरी को हस्ताक्षर करने के बाद इसके साथ संलग्न पत्र की दूसरी प्रति वापस भेजें।

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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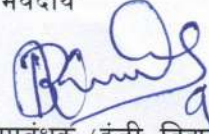
11. यदि कोई विसंगति पाई जाती है तो अंग्रेजी प्रारूप ही मान्य होगा ।

In case any discrepancy is found then English version will be taken as correct.

धन्यवाद ।

संलग्नक: - Schedule of Quantity

भवदीय



सहायक महाप्रबंधक (इंजी-विद्युत)

भारतीय विमानपत्तन प्राधिकरण

कुशीनगर एयरपोर्ट, कुशीनगर (उ०प्र०)

SCHEDULE OF QUANTITY

Name of Work: Shifting of Sub Station Equipments from Old power House to New Sub station at Kushinagar Airport.

Sr.No	Description of Items	Qty	Unit	Rate	Amount
1.00	SH:I SUPPLY & LAYING OF CABLES				
1.01	Supply of 3 Core, following sizes of XLPE insulated PVC sheathed aluminium conductor armoured Power cable of 11 KV grade (11 KV earthed system) conforming to IS: 7098 (part-II) amended up to date. (i) 3C x 300 Sq mm	40	Mtr.	1600.00	64000.00
1.02	Supply of following sizes of 1.1 KV grade XLPE insulated PVC sheathed, Aluminium Conductor armoured power cable conforming to IS 7098 (Part-I) 1988 amended upto date : (ii) 3.5C x 300 Sq mm	400	Mtr.	1350.00	540000.00
1.03	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 11 KV grade of size up to 300 Sq. mm. direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.	25	Mtr	400.00	10000.00
1.04	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 11 KV grade of size up to 300 Sq. mm. in the existing RCC/HUME/ METAL pipe as required.	15	Mtr	50.00	750.00
1.05	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. in the existing trench, complete as required. (i) 90 mm dia (OD-90 mm & ID-76 mm nominal)	80	Mtr.	135.00	10800.00
1.06	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. (i) 90 mm dia (OD-90 mm & ID-76 mm nominal)	200	Mtr.	230.00	46000.00
1.07	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. (i) Above 185 sq. mm and upto 400 sq. Mm	100	Mtr.	250.00	25000.00
1.08	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. (i) Above 185 sq. mm and upto 400 sq. Mm	300	Mtr.	75.00	22500.00
1.09	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. (i) 3.5C x 300 Sq mm	20	Set	700.00	14000.00
1.10	Supply and making indoor cable end termination with heat shrinkable jointing kit complete with all accessories including lugs suitable for 3 core X 300 sqmm XLPE aluminium conductor cable of 11 KV (UE) grade as required.	2	Set	10000.00	20000.00



Sr.No	Description of Items	Qty	Unit	Rate	Amount
2.00	SH:II EARTHING				
2.01	Providing and fixing of lightning conductor finial, made of 25 mm dia 300 mm long, G.I. tube, having single prong at top, with 85 mm dia 6 mm thick G.I. base plate including holes etc. complete as required.	2	Each	350.00	700.00
2.02	Jointing copper / G.I. tape (with another copper/ G I tape, base of the finial or any other metallic object) by riveting / nut bolting/ sweating and soldering etc as required.	2	Each	65.00	130.00
2.03	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required.(For horizontal run)	130	Meter	85.00	11050.00
2.04	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required.(For vertical run)	35	Meter	125.00	4375.00
2.05	Providing and fixing testing joint, made of 20 mm X 3 mm thick G.I. strip, 125 mm long, with 4 nos. of G.I. bolts, nuts, chuck nuts and spring washers etc. complete as required.	4	Each	75.00	300.00
2.06	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	6	Set	4000.00	24000.00
2.07	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	6	Set	10000.00	60000.00
2.08	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	2	Set	4000.00	8000.00
2.09	Supplying and laying 25 mm X 5 mm copper strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of brass nut bolt & spring washer spaced at 50mm)	90	Mtr.	650.00	58500.00
2.10	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)	140	Mtr.	110.00	15400.00

(Signature)

Sr.No	Description of Items	Qty	Unit	Rate	Amount
2.11	Providing and fixing 25 mm X 5 mm copper strip in 40 mm dia G.I. pipe from earth electrode including connection with brass nut, bolt, spring, washer excavation and re-filling etc. as required.	60	Mtr.	890.00	53400.00
2.12	Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required.	140	Mtr.	365.00	51100.00
2.13	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.	100	Mtr.	145.00	14500.00
2.14	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	40	Mtr.	45.00	1800.00
2.15	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.	30	Mtr.	785.00	23550.00
2.16	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	50	Mtr.	160.00	8000.00
3.00	SH III MISC. ITEMS				
3.01	Dismanteling of Compact substation(1 No.), LT panels (Essential LT panel & APFC Panel), 2 No. 250 KVA DG sets with AMF Panels alongwith all accesories from installed location of RCS old substation carefully for shifting and Re-installation purpose to New power House location or as directed by EIC at Kushinagar Airport etc complete as required.	1	Job	7000.00	7000.00
3.02	Shifting, Installation, Testing and Recommissioning of Compact substation(1 No.), LT panels (Essential LT panel & APFC Panel), 2 No. 250 KVA DG sets with AMF Panels and Buffer tanks alongwith all accesories i/c Packing, forwarding, Loading & Unloading, transportation charges etc. complete as required from RCS old power House Kushinagar to specified locations of New power at Kushinagar Airport(Approx. distance 2.5 KM).	1	Job	80000.00	80000.00
3.03	Supplying and fixing single line diagram, schematic diagrams etc. of A1 size on suitable Aluminium sheet including lamination etc. as required complete on wall.	2	Each	1000.00	2000.00
3.04	Supplying and fixing of flame retardant electrical insulation mat having no adverse effect of mineral oil, high insulation resistance and water proof of nominal size: 2.5mm +/- 10% thick and 1000mm +/-20mm wide Antistatic Electric Insulated Synthetic Mat confirming to IS: 15652: 2006 with upto date amendments suitable for 11 KV installation alongwith adhesive/resin, sealing material and similar type of taping on sealing at all joints and corners as per recommendations etc as required .The Mat shall be ISI marked. Its leakage current at 11 KV shall not be more then 10 mA.The mat shall be welded by hot gas lending with filler martial method by making V grove cut at joints with suitable welding cord of insulation material of matching colour to provide a seamless jointed surface as per IS:8002	7	Sq.Mtr	2000.00	14000.00

Sr.No	Description of Items	Qty	Unit	Rate	Amount
3.05	Supplying and fixing of nominal 2.0 mm thick Electric Insulated Synthetic Mat of conforming to IS:15652:2006 and meeting the requirements of IS 5216, IS 8437, IEC-479 Pub-1, alongwith suitable adhesive /chemibound, pu-resin, water proofing compound and sealing material as per in service recommendations of Annexure-'A' 'Clause C' of IS:15652 and Suitable for Class - A upto 3.3 KV AC & 240 V DC without HT Trolley movement.	12	Sqmtr	2000.00	24000.00
3.06	Providing & Fixing of 25 mm dia. "C" Class M.S.pipe confirming to IS: 1239 Part-I (2004) with up to date ammendments along with accessories in surface/recess including painting in case of surface pipe, or cutting the wall and making good the same in case of recessed pipe for making connection between HSD buffer tank & DG Set complete as required.	25	Mtr.	350.00	8750.00
3.07	Supply, installation, testing and commissioning of 200 mm dia MS exhaust piping, heavy duty class-C (as per IS 3589) complete with all accessories such as bends flanges, flexible connections at a suitable distance etc. and insulated with 50 mm thick layer of LRB rock wool having 144 kg/m3 density, cladding with 0.63 mm aluminium sheet all-round the exhaust pipe complete as required at site, as per CPCB norm, including fixing of residential grade silencers, flexible bellows complete as per instruction of EIC . Exhaust pipe & silencer etc shall be soported at least with MS angle size 50 mm x 50mm x 5 mm frame / structure with necessary civil work for foundation arrangements. etc The exhaust system including the silencer must be sized to ensure that back pressure on system does not exceed the back pressure recommended by engine manufacturer. Design calculation in support shall be submitted before execution of work & got approved from the engineer in charge. Silenscers and Horizontal pipe runs shall be supported with angle frame & fixed at foundation on ground. complete as required.	20	Mtr	7000.00	140000.00
3.08	Making PCC foundation complete with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) for the above DG Set canopy of suitable size as per recommendation of OEM/OEA complete as required.	25	Cum.	6200.00	155000.00
3.09	Providing and laying in position cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) in foundation of pump, DG set etc. including form work etc. as required.	25	Cum.	5800.00	145000.00
3.10	Providing and fixing H.T. danger notice plate of 250 mm X 200 mm, made of mild steel, at least 2 mm thick, and vitreous enameled white on both sides, and with inscription in single red colour on front side as required.	5	Each	188.00	940.00
3.11	Providing and fixing M.V. danger notice plate of 200 mm X 150 mm, made of mild steel, at least 2 mm thick, and vitreous enameled white on both sides, and with inscription in single red colour on front side as required.	4	Each	175.00	700.00
TOTAL					1665245.00

(Rupees Sixteen Lakhs Sixty Five Thousand Two Hundred Forty Five Only)

Note: The Rates are Exclusive of GST.

Signature Not Verified

Digitally signed by PRADIP KUMAR B
Date: 2021.12.15 11:43:19 IST
Location: eProcurement System for
Central PSUs