



भारतीय विमानपत्तन प्राधिकरण,
Airports Authority of India
सिविल एयरपोर्ट पंतनगर,
Civil Airport, Pantnagar.

संख्या:-भाविप्रा/अभि0(वि)/पीएनटी/ए0जी0एम अभि.(वि)/का0 आ0-53/पेरीमीटर लाईट/2022-23/1132 दिनांक :-25.08.2022
Ref:- AAI/Engg(E)/PNT/AGMEngg(E-E)/W.O.-53 /Perimeter Light/ 2022-23/ -1139 Date :- 25.08.2022
By Speed Post/email

सेवा में,

To,

मेसर्स नेशनल इलेक्ट्रिकल एण्ड
इलेक्ट्रानिक्स सर्विसेज 548/सी259
चन्द्रोदय नगर देवपुर पारा लखनऊ-226017

M/s. National Electrical and
Electronics Services 548/C-259
Chandrodaya Nagar Deopur
Para Lucknow-226017.

Email ID.: national.electrical25@gmail.com

कार्य का नाम :- डेवलपमेंट ऑफ पन्तनगर एयरपोर्ट फॉर आर0सी0एस0 ऑपरेशनस एस0एच0 : प्रोविजन ऑफ
पेरीमीटर लाईट फॉर बैलेन्स पोर्शन ऑफ ऑपरेशनल एरिया एट सिविल एयरपोर्ट पन्तनगर।

Name of Work: - Development of Pantnagar Airport for RCS Operations SH: Provision
of Perimeter lights for balance portion of Operational Area at Civil
Airport Pantnagar.

संदर्भ :- 1) आपका टेंडर आई0डी0 (2022_AAI_115491_1) खोला गया दिनांक - 06.07.2022
Your tender ID. - (2022_AAI_115491_1) opened on dated - 06.07.2022

महोदय / Sir,

1. उपरोक्त कार्य हेतु आपका आफर अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है, आपके द्वारा बताये गये मद मूल्यों पर आपका ऑफर कुल रुपये 53,13,217/- (रुपये तिरपन लाख तेरह हजार दो सौ सत्रह केवल) (जी0एस0टी0 अतिरिक्त) है। जोकि टैंडर की न्यायसंगत राशि रु0 67,18,290/- से 20.91 प्रतिशत कम है।

Your offer for the work mentioned above work is hereby accepted on behalf of the Chairman, Airports Authority of India at the item rates quoted by you totaling to Rs.53,13,217/- (Rupees. Fifty Three Lakhs Thirteen Thousand Two Hundred Seventeen only) (GST Extra). Which is 20.91% below the justified cost put to tender of Rs. 67,18,290/-.

2. सहा0 महा0 प्रबन्धक (इंजी-विद्युत) भाविप्रा, सिविल एयरपोर्ट, बरेली कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि आप करारनामों पर हस्ताक्षर करने के लिए दिनांक 04.09.2022 तक अधोहस्ताक्षरकर्ता के कार्यालय में उपस्थित हो तथा करारनामों को पूरा करें। ठेके का करारनामा 100/-रुपये के नोनज्यूडिशियल स्टाम्प पेपर पर निष्पादित किया जाएगा, तथा स्टाम्प पेपर का खर्च आपके द्वारा वहन किया जाएगा।

Asstt. General Manager Engg. (Elect.), AAI, Civil Airport, Bareilly- 243122, shall be the Engineer in charge of the work. You are requested to attend the office of undersigned by 04.09.2022 to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs. 100/- (Rupees Hundred only) and the cost of the stamp paper shall be borne by you.

जारी / Contd-2..

ACM (EE)

3. आपके इ-टेंडर के साथ प्राप्त धरोहर राशि रुपये 1,34,366-/- ठेके के सामान्य शर्तों पर दी गयी शर्त 1(A) के अनुसार जमानत राशि में परिवर्तित कर दी जायेगी। कृपया इस पत्र के जारी होने के 15 दिनों के भीतर सिविल एयरपोर्ट डिपोजिट के लिए रुपये 3,96,956/- (रु. तीन लाख छियाब्बे हजार नौ सौ छप्पन मात्र) जमा कर दें, अन्यथा ठेके के करारनामे में दी शर्त के अनुसार इतनी राशि आपके रनिंग बिलों से काट ली जाएगी।

The earnest money amount of Rs. 1,34,366/- received along with your e-tender will be treated and converted as part of Security Deposit as per GCC Clause 1(A) of the contract document. Please deposit Rs 3,96,956/- (Rupees Three Lakh Ninety Six Thousand Nine Hundred Fifty Six Only) towards security deposit within 15 days from the date of issue of this letter, failing which the same will be deducted from your running bills as per condition of the contract.

4. आपसे निवेदन है कि आप केन्द्रीय और राज्य सरकारों के 1970 के अधिनियम अनुबंध श्रम नियम तथा 1971 के केन्द्रीय नियम (रेगुलेशन एवं अबोलिशन) एवं न्यूनतम वेतन अधिनियम और नियमों के प्रावधानों का अब तक के संशोधन के साथ अनुपालन 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 thereof Central and State Governments with upto date amendments.

5. आपको निर्देश दिया जाता है कि आप तुरंत प्रबन्धक (इंजी-विद्युत), भाविप्रा, सिविल एयरपोर्ट, पन्तनगर से मिलें वह आपको साईट सौंपने की व्यवस्था करेंगे। कृपया नोट कर ले कि काम करने का समय 4 (चार) माह है जोकि कार्यदिश की दिनांक के 10 वें दिन से लागू होगा।

You are also directed to contact Manager Engg. (E), AAI, Civil Airport, Pantnagar immediately who will arrange to hand over the site to you. Please note that the time allowed for carrying out the work shall be **04 (Four) Months** which shall be reckoned from 10th day of placing the work order.

6. इस ठेके के संबंध में आगे का कोई भी पत्राचार सहायक महाप्रबन्धक (इंजी-विद्युत), भाविप्रा, सिविल एयरपोर्ट, बरेली, उत्तर प्रदेश के पते पर किया जाए।

Any further correspondence in connection with the contract should normally be addressed to the Asstt. Gen. Manager Engg. (E), AAI, Civil Airport, Bareilly, - 243122, U.P.

7. उक्त कार्य का त्रुटि दायित्व अवधि 12 (बारह) महीने होगी।

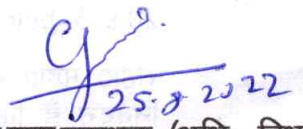
The defects liability period of the contract is 12 (Twelve) months.

कृपया पावती भेजें।

Please acknowledge the receipts

Note: In case of any difference or ambiguity in Hindi or English version, the English version will prevail.

भवदीय/ Yours Faithfully,


25.8.2022
सहायक महा प्रबन्धक (अभि.-विद्युत),
Asstt. General Manager Engg. (Elect.),

कृते तथा ओर से अध्यक्ष,

For and on behalf of Chairman,

भारतीय विमानपत्तन प्राधिकरण

Airports Authority of India.

Civil Airport, Bareilly -243122

संलग्न/Enclosed - शेड्यूल 'ए' मात्रा अनुसूची (6 पृष्ठ)/Schedule of quantities
(Schedule "A") (6 Pages).

जारी/Contd-3...

प्रतिलिपि/ Copy To :-

1. महाप्रबन्धक (इंजी.-विद्युत), भारतीय विमानपत्तन प्राधिकरण, उ.क्षे., आपरेशनल आफिस, रंगपुरी, गुडगाँव रोड, नई दिल्ली-37 / GM(Engg.-Elect.), AAI, NR, Operational Office, Rangpuri, Gurgaon road, New Delhi-37.
2. संयुक्त महाप्रबन्धक (इंजी.-विद्युत), भारतीय विमानपत्तन प्राधिकरण, जौलीग्रांट एयरपोर्ट, देहरादून- 248140, / Jt.GM(Engg.-Elect.), AAI, Jolly Grant Airport, Dehradun -248140
- 3- विमानपत्तन निदेशक, भारतीय विमानपत्तन प्राधिकरण, सिविल एयरपोर्ट पंतनगर/ Airport Director, Civil Airport, Pantnagar.
- 4- सहाय महाप्रबन्धक (वित्त), भारतीय विमानपत्तन प्राधिकरण, जौलीग्रांट एयरपोर्ट, देहरादून- 248140/ Asstt. General Manager (Finance), AAI, Jolly Grant Airport, Dehradun-248140
- 5- प्रबन्धक (इंजी.-विद्युत), भा.विप्रा., सिविल एयरपोर्ट पंतनगर/ Manager (E-E), AAI, Civil Airport, Pantnagar.
- 6- करारनामा प्रतिलिपि/ Agreement copy.
- 7- कार्य आदेश फाईल/ Work Order File.

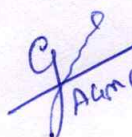
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SCHEDULE OF QUANTITY

Name of Work: -Development of Pantnagar Airport for RCS operations .

SH:Provision of perimeter Lights in balance Portion of Operational Area at Civil Airport Pantnagar

Item no	Description of Work / Item(s)	Quantity	Units	Rate (Excluding GST)	Amount
	SH:1 Car Parking Lighting Pole and Fixture.				
1	Supply of 54/55 W LED road lighting luminaire consisting of single piece, integral, grey powder coated high pressure die-cast aluminium housing, connecting strip, including power driver should having surge protection upto 8KV complete as required suitable for operation on 230 V, 50 Hz AC supply. (Bajaj ENXT P 54 L WH WH CR PC SD (OR) EQUIVALENT as per list of Approved make).(05 years guarantee shall be provided for complete fitting including controller by manufacturer in favour of AAI)	108.00	each	2100.00	226800.00
2	Supply of hot dip galvanized octagonal poles with 130 mm Bottom dia , 70 mm top dia , 3 mm thick , base plate of size 200x200x 12 mm,having openable mechanism with L key set,with Single arm standard bracket(having 70 mm top) not less than 1000 mm length and made of 40 mm dia pipe having suitable nipple of size 32mm dia GI pipe to hold the fittings with tilt angle not more than 20 degree including in built arrangement for incoming cable termination with 63A 4P connector and 6A (B curve) SP MCB etc. complete as required as per EIC for the following Heights. a) 6 Mtr	108.00	each	9000.00	972000.00
3	Supply of 24 /25W LED road lighting luminaire consisting of single piece, integral, grey powder coated high pressure die-cast aluminium housing, connecting strip, including power driver should having surge protection upto 8KV complete as required suitable for operation on 230 V, 50 Hz AC supply. (Bajaj ENXT P 24L WH CR PC SD (OR) EQUIVALENT as per list of Approved make).(05 years guarantee shall be provided for complete fitting including controller by manufacturer in favour of AAI)	67.00	each	1500.00	100500.00


 AGM (EE)

4	Installation of the following size GI street light poles with 04 nos foundation bolts of M20X600mm long J type EN 8 grade along with template with 1:2:4 Cement concrete(0.55x 0.55x 1.05) to the required depth as per special conditions(1:cement :2coarse sand:4graded stone aggregate 20mm nominal size)and necessary base concrete of 1:5:10 for 100mm thickness below the pole (1cement :5 fine sand : 10graded stone aggregate 40mm nominal size) suitable finishing on surface above the ground level etc complete as required. a) 6 Mtr	108.00	job	2500.00	270000.00
5	Supplying and embedding following dia (ISI Marked) HDPE pipe in pole collar/ foundation (during casting) for cable entry including bending the pipe to the required shape complete as required a) 63 mm dia	108.00	Meter	150.00	16200.00
6	Installation ,testing and commissioning of LED fitting on existing street light pole with 2 x 1.5 sqmm FRLS PVC insulated copper conductor round cable from cable looping box to fitting Complete as required as per EIC. A) ITC of 54 W LED fittings on existing 6 mtr street light pole	108.00	job	300.00	32400.00
7	Installation ,testing and commissioning of LED fitting on existing street light pole with 2 x 1.5 sqmm FRLS PVC insulated copper conductor round cable from cable looping box to fitting Complete as required as per EIC. B)ITC of 24 W LED fittings on existing street light pole (L type) of length upto 3 meter.	67.00	job	250.00	16750.00
8	ITC of street light pole made of 50 mm Dia 'B' class G.I pipe having 2.3mtr. straight length and 0.5 Mtr. bend length, tilt angle not more than 20 degree suitable for installation of Street light fittings with suitable clamps, and 04 Nos. anchor fastner i/c fixing of suitable SMC Box on wall for incoming and outgoing cable termination with 63A 4P connector and 6A (B curve) SP MCB etc. complete as required.	67.00	job	2500.00	167500.00
SH : 2 SITC of feeder pillar panel					

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ACM EE

1	SITC of outdoor type feeder pillar box with single door weather proof fabricated from 14 SWG MS sheet duly inhibited dust and vermin proof and powder coated complete with rubber gasket, hinged, to be accommodate having IP 65 protection, doors removable gland plate for cable entry. feeder pillar to be installed on the angle iron stand of size 50mmx5mm having four legs and to be mounted in CC base of suitable size etc i/c cement concrete foundation complete as required. 1) 200 A 4 Strip aluminium busbar chamber with DMC/SMC supporting insulators and MS shrouding - 1 set. 2)FP MCCB- 200A, 35KA - (Incoming) 1 No. 3)FP MCB- 63A, 10KA - (outgoing)-2 No. 4)0-500V, 3 phase digital multi function Ammeter voltmeter meter. 5) CTs 200/5 - 1 set 6)R,Y,B Pilot indicating lamps (Cluster LED type) with 6 nos. control 6 Amp. SP MCB -1 Set for incommers. 7)(0-24 Hrs)Astronomical timer switch with 63A FP contactor-01 No.	6.00	Each	55000.00	330000.00
SH : 3 Supply and LAYING of Cable and End TERMINATION					
1	Supply of XLPE/PVC insulated, PVC sheathed aluminium conductor armoured power cable of 1.1KV grade confirming to IS 7098 (Part I) 1978 with upto date amendments etc as required for the following sizes.(Make : As per approved list.) a) 4 x 6 sqmm	4425.00	Meter	116.00	513300.00
2	Supply of XLPE/PVC insulated, PVC sheathed aluminium conductor armoured power cable of 1.1KV grade confirming to IS 7098 (Part I) 1978 with upto date amendments etc as required for the following sizes.(Make : As per approved list.) b) 3.5 x 50 Sqmm.	3003.00	Mtr	326.00	978978.00
3	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) 4 x 6 sqmm	181.00	Set	80.00	14480.00
4	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. b) 3.5 x 50 Sqmm.	12.00	Set	214.00	2568.00

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5	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. a)63 mm dia (OD-63 mm & ID-51 mm nominal)	3279.00	Meter	175.00	573825.00
6	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. b)90 mm Dia (OD-90 mm & ID-76 mm nominal)	3003.00	Meter	200.00	600600.00
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/Metal/HDPE pipe as required. A)Upto 35 sq. mm.	90.00	Meter	45.00	4050.00
8	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 clamp)	1146.00	Meter	98.00	112308.00
9	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)3.5x 50 sq mm	10.00	Each	714.00	7140.00
10	Providing, laying and fixing following dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (75 cm deep) and re-filling & making good the damage etc as required. A) 50mm dia	36.00	meter	147.00	5292.00
SH : 4 EARTHING					
1	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having licking arrangment and watering pipe etc. (with charcoal/coke and salt) as required.	24.00	Job	5000.00	120000.00

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2	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.	120.00	meter	150.00	18000.00
3	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.	7428.00	Mtr	23.00	170844.00
SH:5 WIRING OF SECURITY HUT					
1	Supply, Installation, testing and commissioning of pre-wired, fluorescent fitting/LED fitting of all types, complete with all accessories and tube etc. directly on ceiling/war, including connection with 1.5 sq.mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	6.00	each	250.00	1500.00
2	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 existing surface / recessed PVC conduit, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required. a)Group A	12.00	each	850.00	10200.00
3	Wiring for light/ power plug with 2X2.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed PVC conduit alongwith 1 No 2.5 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	45.00	meter	250.00	11250.00
4	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required. A)15/16 Amps Switch	6.00	Each	50.00	300.00
5	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required. B)3 pin 15/16 Amps Socket outlet	6.00	Each	100.00	600.00
6	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) a)4 way(2+2) Double Door	6.00	Each	1500.00	9000.00

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7	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, 10kA,"C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. A)Single Pole	12.00	Each	200.00	2400.00
8	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, 10kA,"C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. B)Single Pole Neutral(SPN)	6.00	Each	500.00	3000.00
9	Supplying and fixing 3 pin,5 amp ceiling rose on the existing junction box/wooden block including connection etc as required.	12.00	Each	36.00	432.00
10	Supply & Installation of wall mounted fan suitable for operation on 230V,50Hz AC supply ,make Goldmedal modelWFP200716 or equivalent as per approved make list in the existing point, including making good the damage, connection, testing, commissioning etc. as required. a) 400mm sweep	6.00	Each	3500.00	21000.00

Total in Figures (Rupees Fifty Three Lakhs Thirteen Thousands two hundred Seventeen Only)

5313217.00

(Signature)
25.8.2022
A.G.M.(Engg.-E)

Civil Airport ,Bareilly