



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA
पुर्णिया हवाई अड्डा, पुर्णिया
PURNEA AIRPORT, PURNEA

संदर्भ सं. AAI/ER/PXN/AGM(E-E)/GLF-Work/W.O.-2/25-26

दि. -27/03/2026

स्पीड पोस्ट

प्रति,

To,

मेसर्स सौरभ इंटरप्राइजेज,
पुरा-रघुनाथपुर, बाबतपुर,
वाराणसी-221006.

M/s Saurabh Enterprises,
Pura-Raghunathpur, Babatpur,
Varanasi-221006.

विषय- सिविल एन्क्लेव पूर्णिया, बिहार में एप्रन, टैक्सीवे, जीएसई रोड (वायु और शहर की तरफ) और अन्य संबंधित कार्यों (चरण -1) का निर्माण (एसएच: बिहार के पूर्णिया स्थित सिविल एन्क्लेव में नव-निर्मित एप्रन और टैक्सीवे के लिए GLF सिस्टम, बे पहचान चिह्न और परिचालन मार्गदर्शन चिह्न की SITC.)"

Sub: - "Construction of Apron, Taxiways, GSE Road (Air and City Side) and other associated works (Phase-1) at Civil Enclave Purnea, Bihar (SH: SITC of GLF system, Bay Identification sign, and Operational Guidance Sign for newly constructed Apron and Taxiway at Civil Enclave Purnea, Bihar".)

संदर्भ - दिनांक-19/03/2026 को भाविप्रा की ई-निविदा क्र:2026_AAI_265153_1 की खोली गई वित्तीय बोली।
Financial Bid opened on 19/03/2026 for AAI's E-tender ID: 2026_AAI_265153_1

महोदय/Sir,

- ऊपर उल्लेखित कार्य हेतु आपकी ई-निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत की जाती हैं, आपके द्वारा बताए गए मद मूल्यों/प्रतिशत-मूल्य पर आपकी ई-निविदा राशि कुल रु. 70,26,950/- (रुपए सत्तर लाख छब्बीस हजार नौ सौ पचास मात्र) (जी.एस.टी. अतिरिक्त) हैं। जो कि ई-निविदा की अनुमानित लागत राशि रु. 67,70,131 /- से 3.79% अधिक हैं।

Your e-tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at the item rates /percentage rate quoted by you totalling to Rs. 70,26,950/- (Rupees Seventy Lakhs Twenty-Six Thousand Nine Hundred and Fifty Only) (excluding GST) which is 3.79% above the estimated cost put to e-tender of रु.67,70,131 /-

- सहायक महाप्रबंधक(अभि-वि.), भाविप्रा, पुर्णिया हवाई अड्डा पुर्णिया कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि आप करारनामे पर हस्ताक्षर करने एवं करारनामे को पूरा करने के लिए दि.-06/04/2026 तक सहायक महाप्रबंधक(अभि-वि.), भाविप्रा, पुर्णिया हवाई अड्डा पुर्णिया के कार्यालय में उपस्थित हो। ठेके का करारनामा रु.1000/- (हजार रुपए मात्र) के नोनज्युडिशियल स्टैम्प पेपर पर निष्पादित किया जाएगा, तथा स्टैम्प पेपर का खर्च आपके द्वारा वहन किया जाएगा।

AGM(E-E), AAI, Purnea Airport, Purnea shall be the Engineer-in-charge of the work. You are requested to attend the office of AGM(E-E), AAI, Purnea Airport, Purnea by **06/04/2026** to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs.1000/- (Rupees One Thousand Only) and the cost of stamp paper shall be borne by you.

3. इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर जमानत राशि **रु. 7,02,695/- (रुपए सात लाख दो हजार छह सौ पचानवे रुपये मात्र)** जमा करें, अन्यथा ठेके के दस्तावेज पृष्ठ 16 पर दी गई शर्त खंड 1(क) के अनुसार उक्त राशि रनिंग बिल से काट ली जायेगी।

Please Deposit **Rs.7,02,695/- (Rupees Seven Lakhs Two Thousand Six Hundred and Ninety Five Only)**, towards Security Deposit within 10 days from the date of issue of this letter, failing which, the same will be deducted from running bill as per clause 1(A) of contract on page no. 16 of the contract document.

जमानत राशि ठेके के दस्तावेज पृष्ठ 16 पर दी गई GCC खंड - 1A एवं शिड्यूल - "E" के अनुसार लौटा दी जायेगी।

Security deposited will be refund as per clause 1A of GCC on page no. 16 & Schedule - "E" of the contract document.

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

5. आपको निर्देश दिया जाता है कि आप तुरंत प्रबंधक (अभि-वि.), भाविप्रा, पुर्णिया हवाई अड्डा पुर्णिया से मिलें, जो आपको साइट सौंपने की व्यवस्था करेंगे।

You are also directed to contact Manager(Engg.-E), AAI ,Purnea , Airport, Purnea immediately who will arrange to hand over the site to you.

6. कृपया नोट कर लें कि काम करने का अनुमत समय **3 महीने** है जो कि दिनांक **06/04/2026** से गिना जाएगा।

Please note that the time allowed for carrying out the work shall be **3 Months** and same shall be reckoned from the dated **06/04/2026**.

7. इस ठेके के संबंध में आगे कोई भी पत्राचार समान्यतः सहायक महाप्रबंधक(अभि-वि.), भाविप्रा, पुर्णिया हवाई अड्डा पुर्णिया के पते पर किया जाएगा।
Any further correspondence in connection with the contract should normally be addressed to the AGM(E-E), AAI, Purnea Airport, Purnea.

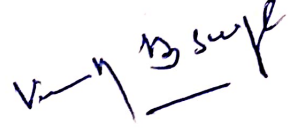
8. कृपया पावती दें और स्वीकृति के रूप में इस पत्र के साथ संलग्न प्रतिलिपी पर हस्ताक्षर कर अधोहस्ताक्षरी को वापस करें।

V. N. Singh
निदेशक

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.

धन्यवाद,

भवदीय



(विवेक कु सिंह)

(Vivek Kumar Singh)
सहायक महाप्रबंधक (अभि-वि.)
AGM (Engg. -Elect.)
अध्यक्ष, भाविप्रा, की ओर से
On behalf of Chairman, AAI
पुर्णिया हवाई अड्डा पुर्णिया
Purnea Airport, Purnea.

संलग्नक -

Schedule of Quantities – 07 Pages

स. महाप्रबंधक (अभि.-विद्युत)
Asst. General Manager (Engg.-E)
भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India
पुर्णिया हवाई अड्डा / Purnea Airport

Government eProcurement System
Created By: VIVEK KUMAR SINGH
Created Date/Time: 19-Mar-2026 11:30 AM
Tender Title: SITC of GLF system
Tender ID: 2026_AAI_265153_1

Tender Inviting Authority: Airports Authority of India, Civil Enclave Purnea, Bihar.

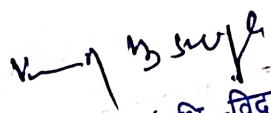
Name of Work: Construction of Apron, Taxiways, GSE Road (Air and City Side) and other associated works (Phase-1) at Civil Enclave Purnea, Bihar.

SCHEDULE OF WORK / ITEM(S)

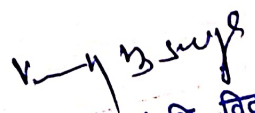
Sl.No	Description of Work / Item(s)	No.of Qty	Units	SAURABH ENTERPRISES (GSTN-NA) BID ID -974952	
				Rate	Amount
1.00	Supply of FAA/ICAO/DGCA-CAR Compliant high intensity Elevated LED Runway guard light with two flashing light fixtures with black independent visors, 6.6A Current driven input power supply, LED lamps/module, flashing rates 45-50 Per Minute, frangible support, high strength base plate for runway guard light to resist wind speed (300 mph) gaskets, SS hardware etc as per specifications complete as required. One set of guard lights means complete set of light fixtures to be fixed on both sides of taxiway.	2.00	Set	489000.00	978000.00
2.00	Supply of FAA/ICAO/DGCA-CAR Compliant elevated type Omni-directional Blue colour, medium intensity LED type Taxiway Edge Light fitting suitable for Taxiway, Apron Edge Lights, Turning Pad Lights suitable for operation at 6.6 Amps, series circuit supply, complete with Omni-directional, Lens clamping mechanism, breakable coupling, gasket, two pin secondary leads, base plate with SS Hardware and other accessories including integrated encapsulated electronic module complete as required as per specifications.	50.00	Each	12000.00	600000.00
3.00	Supply of 2 x 4 sqmm secondary lead cable made out of multi stranded copper conductor EPR insulated & PCP/TCP/CPE sheathed, anti-termite & anti rodent treated 1.1KV grade AGL cable as specified in particular specifications as required.	500.00	Mtrs.	225.00	112500.00
4.00	Supply of secondary Connectors (male and Female) to 2 x 4 Sq.mm multi stranded annealed conductor PCP sheathed secondary cable of 600 V grade suitable to connect with the secondary side of the transformer.	20.00	Each	600.00	12000.00
5.00	Supply of 1C x 6 sq.mm, 5 KV grade, AFL cable, stranded copper conductor, XLPE insulated PE sheathed, anti-termite & anti rodent treated Airfield Ground Lighting series cable generally conforming to IS 7098 as amended up to date in conformity with ICAO/DGCA-CAR, complete as required as per specifications.	4500.00	Mtrs.	220.00	990000.00
6.00	Supply of 6 sqmm, 5 KV grade plug and receptacle of type I, class 'B' connector suitable for field attachment with 5 KV grade XLPE insulated, PE sheathed, copper conductor cable in conformity with ICAO/DGCA-CAR, complete as required as per specifications.	80.00	Set	600.00	48000.00

स. महाप्रबंधक (अभि.-विद्युत)
Asst. General Manager (Engg.-E)
भारतीय विमानपत्तन प्राधिकरण

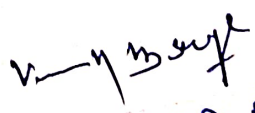
7.00	Supply of Indoor type air cooled constant current regulator of micro processor controlled, thyristor type suitable for remote as well as local control operations on input voltage 230/415 volts, 50Hz AC supply with 6.6A output having 5 steps brightness control with variation of current output and able to communicate with PC or PLC controlled system, with suitable rating Microprocessor based release (Ics = Icu = 25kA) incomer 3 Pole 63 Amp. MCCB, digital output ammeter (0-10A), overcurrent, overvoltage, open circuit and earth fault protection and digital earth leakage meter, two stage earth leakage detector, positive back indication equipments, LED/LCD display, suitable for connection and communication with ALCMS for operation of LED type AGL Circuits etc complete as required confirming to technical specifications for the following rating. a) 4 Kw	4.00	Each	225000.00	900000.00
8.00	Supply of 15 Watt, 6.6/6.6 Amp rating completely enclosed rubber covered isolating transformer for use of 6.6 amps series airport lighting circuits having nominal voltage rating of 5KV rated for operation on 50 Hz. The transformer shall be water tight and shall be designed for direct burial in the earth or installation in a Housing Box in conformity with ICAO/DGCA-CAR, complete as required as per specifications.	60.00	Each	5200.00	312000.00
9.00	Supply of OD 50mm size HDPE Pipe of PN-6, PE-100 grade as per relevant specification and preferred make of AAI	2500.00	Mtrs.	150.00	375000.00
10.00	Supply of C.I. Transformer housing box, water tight round type metal container of outside dia. of 330 mm, height 450 mm made of 10 mm thick cast iron moulding all round except on top surface which is 15 mm thick and having clear holes at the two side walls suitable to receive 50 mm dia HDPE/ G.I. pipes and 6 nos. M 10 tapped hole for receiving base plate at the top as required. The housing box shall be provided with base plate, base plate gasket and M-10 SS bolts.	20.00	Each	5200.00	104000.00
11.00	Supply of C.I. collar, round type of outside dia 330 mm & 100 mm height made of 10 mm thick cast iron moulding all round, except the top and bottom surface, which is 15 mm thick, cast iron moulding suitable to receive a light fitting base plate on the top and shall be fixed on existing CI housing box and having clear opening of 220 mm dia at the top and bottom surface including 6 Nos. M 10 tapped hole at the hole centre 260 mm on both top and bottom including providing 6 nos. SS M10 bolts and a base plate gasket for each collar complete as required as per specifications.	10.00	Each	2800.00	28000.00
12.00	Supply of MS dummy plate of 10mm thickness suitable for installation on the existing transformer housing box of 330mm dia with 6 Nos holes suitable to receive M10 SS bolts complete as required.	10.00	Each	1000.00	10000.00
13.00	Installation, Testing & Commissioning of C.I. transformer housing boxes after excavating the soil and by providing and laying in position cement concrete 1:3:6 (1 cement: 3 Coarse sand: 6 graded stone aggregate 20 mm nominal size) 150 mm thick all around the housing box except the top complete as specified and as per the direction of engineer-in-charge.	20.00	Job	1000.00	20000.00


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 Asst. General Manager (Engg.-E)
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 City of India

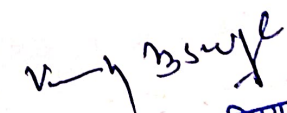
14.00	Installation, testing & commissioning of Elevated type taxiway light fixtures/ Runway Guard light on existing transformer housing boxes and Crimping / Jointing of secondary lead connectors, installation of isolating transformers, i/c supply of all materials except isolating transformer etc.as per specificaiton complete as required.	60.00	Job	150.00	9000.00
15.00	Installation, Testing, Commissioning of CCR including termination of incoming and outgoing power and control cables, inter connection, making foundation, earthing connection etc. complete as required	4.00	Job	2500.00	10000.00
16.00	Laying of DWC/ HDPE of size OD 50 mm dia 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.	2000.00	Mtrs.	65.00	130000.00
17.00	Laying of one number PVC / XLPE / EPR insulated & PVC / PE / PCP sheathed copper conductor power cable of grade exceeding 0.4 KV but not exceeding 11 KV of size not exceeding 25 sq. mm. in the existing cable duct / RCC/HUME/METAL/HDPE/DWC pipes etc. as required.	3000.00	Mtrs.	12.00	36000.00
18.00	Laying of one number PVC / XLPE / EPR insulated & PVC / PE / PCP sheathed copper conductor power cable of grade exceeding 0.4 KV but not exceeding 11 KV of size not exceeding 25 sq. mm in the existing masonry open duct/trench/open surface as required	100.00	Mtrs.	25.00	2500.00
19.00	Earthing with 'B' class G. I. earth pipe 4.5 mtrs. long x 40 mm dia i/c accessories and providing masonry enclosures with cover plate having locking arrangement & watering pipe etc. i/c charcoal/ coke and salt complete as required as per specification.	7.00	Each	6500.00	45500.00
20.00	Earthing with GI earth plate 600mm x 600mm x 6.0mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. Including charcoal and salt complete as required.	2.00	Set	8000.00	16000.00
21.00	Providing and laying earth connection from earth electrode with 6 SWG dia G.I. Wire in 15 mm dia G.I. pipe medium class from earth electrode including connection with G.I. thimble excavation and re-filling as required.	50.00	Mtrs.	210.00	10500.00
22.00	Providing and fixing 6 SWG G. I. wire on surface /trench or in recess for loop earthing as required.	30.00	Mtrs.	60.00	1800.00
23.00	Providing and fixing 25mm x 5mm G.I. strip on surface/in recess/existing pipes etc. for connections etc. as required.	40.00	Mtrs.	300.00	12000.00
24.00	Making field connections by crimping 6 sqmm.. plug & receptacle with existing 6 sqmm.single core PVC insulated and PVC sheathed AFL copper conductor cable including filling the gap with water sealant material, applying HT tape and PVC insulation tape complete as required.	60.00	Job	120.00	7200.00
25.00	Numbering of Airfield Light Fixtures/Panel board on the front/base/ top surface/ RCC foundation with good quality of black color enamel paint with yellow background etc. complete as required.	50.00	Job	60.00	3000.00


 स. महाप्रबंधक (अभि.-विद्युत)
 Asst. General Manager (Engg.-E)
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 Airports Authority of India
 अहमदाबाद / Pune

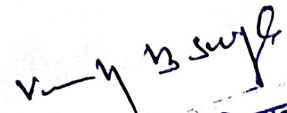
26.00	Supply, Installation, Testing and Commissioning of indoor cubicle LT TTA Type panel as per IEC 61439, IP42, suitable for 415V+/-10%, 3 Phase, 4 wire 50 Hz AC supply system, fabricated in compartmentalized modular design from CRCA sheet steel of 2 mm thick for frame work and covers, 3 mm thick for gland plates i/c cleaning & finishing complete with 7 tank process for powder coating in approved shade, having TPN Aluminium alloy bus bars with 100% size neutral bus as that of phase bus, supported with SMC bus bar supports, with short circuit withstand capacity as per design subject to minimum 25 kA for 1 sec, bottom base channel of MS section not less than 75 mm x 40 mm, fabrication shall be done in transportable sections, entire panel shall have a common Copper earth bus bar of size as per IS 3043 subject to minimum 32 mm x 5 mm at the rear with 2 Nos. earth stud, solid/ flexible copper connections from main earth bus bar to switchgears with required size of Cooper conductors/ bus bars and control wiring with 2.5 sqmm FRLS PVC insulated copper conductor cable, cable alleys, cable gland plates in two halves, including control and interlocking of incomers, bus coupler and providing following switchgears/ accessories as per specifications. Incomer-2 Nos. 100A, 4P MCCB, Microprocessor based release (Ics = Icu = 25kA) with inbuilt O/L , S/C & E/F protection as per specification and each incomer shall be provided with following accessories.1 Set of phase indicating LED lamps with 2 amp back up MCB.1 No. 96 x 96 sqmm Digital MFM meter and 3 nos. Cast resin CTs of ratio 100/5A , Class 0.5 accuracy and 10 VA burden, suitable to measure voltage, Ampere, Frequency, Power Factor, KVA, KW, KVAH, KWH, MDI with RS-485 port. 1 Set of ON/ OFF/TRIP Indicating LED Lamps With 2 Amp MCB.Buscoupler-1 Nos. 100A 4P MCCB, Microprocessor based release (Ics = Icu = 25kA) with inbuilt O/L , S/C & E/F protection as per specification with following accessories.1 Set of ON/ OFF/TRIP Indicating LED Lamps With 2 Amp MCB. Mechanical Interlocking between both incomers & Buscoupler (2 Keys & 3 Lock System) Busbars-	1.00	Job	400000.00	400000.00
27.00	Supply Installation ,Testing and Commissioning of IGBT Three level PWM Design based, modular type, true online double conversion type 20 KVA UPS System with harmonic filter suitable to drive constant current regulators(CCR) with 100% unbalanced load at output at full load condition , working on 3 phase, 4 Wire, 415 Volt, 50 Hz and delivering output 3 phase, 4 Wire, 415 Volt, 50 Hz , High Efficiency , having SMF Barreries to support minimum 30 minutes back up with each UPS, THD less than 3% , Power Factor not less than 0.90, having transfer time of 0 m sec, up along with all accessories i.e.breakers,DC cables, cabinets,battery racks, interconnecting links and related items etc as per site requirement for making the UPS Operational and meeting the standard of IEC and as per specification complete as required.	1.00	Job	425000.00	425000.00
28.00	Supply of 3.5C x 50 sqmm XLPE insulated PVC sheathed aluminium conductor armoured power cable of 1.1 KV grade conforming to IS:7098 (part-I) with upto date amendment complete as required.	300.00	Mtrs.	400.00	120000.00
29.00	Supply of 4C x 25 sqmm XLPE insulated PVC sheathed aluminium conductor armoured power cable of 1.1 KV grade conforming to IS:7098 (part-I) with upto date amendment complete as required.	500.00	Mtrs.	300.00	150000.00


 स. महाप्रबंधक (अभि.-विद्युत)
 Asst. General Manager (Engg.-E)
 भारतीय विमानपत्तन प्राधिकरण
 Airports Authority of India

30.00	Laying of one number armoured XLPE insulated and PVC sheathed power cable of grade 1.1KV of following sizes in the existing masonry open duct etc. as required. (a)Upto 35 sqmm	50.00	Mtrs.	25.00	1250.00
31.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing HDPE pipe RCC/ HUME/ METAL/Duct pipe as required. Above 35 sq. mm and upto 95 sq. mm.	200.00	Mtrs.	22.00	4400.00
32.00	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 25 Sq.mm	5.00	Set	520.00	2600.00
33.00	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) 3.5 X 50 Sq.mm	10.00	Set	550.00	5500.00
34.00	Supply and fixing of fire retardant electrically insulated synthetic mat of class B, 2.5 mm thick suitable for all voltages not exceeding 11 KV AC and 240V DC system meeting requirements of IS 15652:2006 tested for breakdown strength, tensile/elongation, ageing properties, insulation resistance, effect to acid, alkaline, diesel, transformer oil & leakage current test, fire test etc. having minimum width of 1000 mm $\pm$ 20 mm along with all allied materials such as Pu-resin, Chemi bound, special PVC adhesive, liquid primer etc. in what so ever quantity required to complete the job as per site conditions and as per instructions from Engineer-in-Charge.	10.00	Mtrs.	620.00	6200.00
35.00	AIRCRAFT STAND IDENTIFICATION SIGNAGES Supply of internally illuminated LED type Aircraft Stand Number Identification signage with WGS Coordinate in rectangular shape having one side display, water tight front openable with facia complying with the latest ICAO standards. Body made of 2mm thick anodized Aluminium profile & poly carbonate sheet of 4mm thick with glare free front face, yellow background and black letters. Signage should have letters & symbols made up of vinyl and pasted on 4mm thick polycarbonate sheet from inside. The rear panel should be ready/suitable for mounting on pole or façade. The board shall have hinged front face to allow easy access for maintenance. The boards shall be internally uniformly illuminated with LED modules/strips with suitable driver operating on 230 V, 50 HZ AC supply complete with all internal wirings, connectors as required.	8.00	Sqm.	27500.00	220000.00
36.00	Supply of 6 Mtr height MS Pole fabricated from B class MS Pipes of 100 mm dia with bottom flange size 300 X 300 X 10 MM Thick having 4 holes of 30 mm dia for fixing foundation bolt for erection shall also be provided. The Pole shall be PU painted in silver grey color or any other colour approved by EIC.	5.00	Each	12000.00	60000.00


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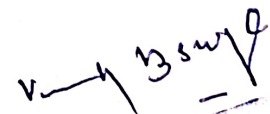
37.00	Erection of 6 Mtr height MS Pole including providing civil foundation of minimum size 500mm (L) x 500 mm (B) x 1000mm (Height) with reinforced cement concrete of ratio 1:2:4 including excavation work and supply & fixing of suitable sized J-Bolts in the foundation for erection of pole, providing G.I Nuts/ washers etc., providing and embedding 40mm dia PVC/HDPE pipe(upto 2 m) for cable entry including bending the pipe complete as required. The rates includes hiring of Hydra/ Crane etc for erection.	5.00	Job	16200.00	81000.00
38.00	Installation of SNI & WGS 84 Boards on the existing MS pole of 6 mtr height with necessary fabrication of MS flat/angles/ complete as required as per site condition. The rates includes hiring of Hydra/Crane etc for erection.	5.00	Job	2100.00	10500.00
39.00	Supply installation testing and commissioning of Polycarbonate enclosure box (IP 65) of min. inner dimension 240 X 130 X 110 (in mm) alongwith 6 A MCB for switching ON/OFF of SNI & WGS 84 Boards including supply and laying of suitable size 2/3 core PVC insulated flexible copper wire from box to SNI & WGS 84 Boards complete as required.	5.00	Job	3200.00	16000.00
40.00	OPERATIONAL GUIDANCE SIGNAGES Supply, Installation, Testing and Commissioning of Internally Illuminated LED based operational guidance signages complying with the latest ICAO standards, made out of 4mm thick glare free poly carbonate sheet at front and body made out of 2mm thick powder coated aluminium profile, supported at back by 50mm dia (Nominal size) die cast aluminium / GI pipe at a separation as required, frangible coupling and base plate/flanges. All the signage shall have letters and symbols made by computerised cutting of vinyl and pasting on the polycarbonate sheet from inside/outside of the sign face of required colour as per ICAO standards. The boards shall be internally illuminated with high luminous, long life LED's of make (Osram / Philips /Nichia) assembled on each PCB with proper heat dissipation mechanism. All the accessories shall be suitable for operation on series circuit at variable current from 2.8A - 6.6A and shall give constant brightness for all current variation including supply and installation of suitable capacity/wattage electronic driver and isolating Transformers. Boards shall be complete with cement concrete foundation of 1:2:4 for mounting legs and cement concrete hard stand of 1:3:6 around the sign board of size & thickness as per specifications, foundation bolt/anchor fasteners, required length of 2X4 Sqmm copper conductor secondary lead cable with male connector protected with PVC medium duty pipe from CI box upto sign board, connections with series cables and isolating transformers etc complete as per technical specifications and as required	15.00	Sqm.	40000.00	600000.00


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41.00	Supply, Installation, Testing and Commissioning of retroreflective signages complying with the latest ICAO standards, made out of 4mm thick poly carbonate sheet at front and body made out of 2mm thick powder coated aluminium profile, supported at back by 50mm dia (Nominal size) die cast aluminium / GI pipe at a separation as required, frangible coupling and base plate/flanges. All the signage shall have letters and symbols made by computerised cutting of vinyl and pasting on the polycarbonate sheet from inside/outside of the sign face of required colour as per ICAO standards. Boards shall be complete with cement concrete foundation of 1:2:4 for mounting legs and thickness as per specifications, foundation bolt/anchor fasteners, etc complete as per technical specifications and as required	5.00	Sqm.	11500.00	57500.00
42.00	SITC of Outdoor feeder pillar PTTA Type, ground mounted, totally enclosed, MS enclosure suitable for 415V, 3 Phase, 4 Wire, 50Hz AC supply system made of 14 SWG CRCA sheet , IP -55, bottom base channel of suitable MS section i/c wiring and providing following switch gear (i) 100A, 10KA, C Curve, FP MCB-01No (ii) 63A, 10KA, C Curve, FP MCB-03No's (iii) 1 Set of ON/ OFF/TRIP Indicating LED Lamps With 2 Amp MCB	1.00	Job	40000.00	40000.00
43.00	SITC of 100 amp capacity TPN Al. Bus bar loop in loop out Junction box / Cable panel box along with MS angle iron stand i/c fixing it at ground by doing PCC etc complete civil work.	1.00	Job	10000.00	10000.00
44.00	Providing 6 SWG dia G.I. Wire.as per relevant specifications	1500.00	Mtrs.	20.00	30000.00
45.00	Laying of 6 SWG dia G.I. Wire in the existing 15 mm dia G.I. pipe medium class/ 50mm dia HDPE Pipe as required.	1400.00	Mtrs.	10.00	14000.00

Total in Figures

7026950.00


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