



भारतीय विमानपत्तन प्राधिकरण  
बिरसा मुण्डा विमानपत्तन, राँची - 834002  
AIRPORTS AUTHORITY OF INDIA  
BIRSA MUNDA AIRPORT, RANCHI - 834002

Ref: AAI/RC/AGM(Engg.-E)/WO-02/Toilet Blocks/2024-25/76-84

Date : 06.08.2024

|                                                                          |                                                                                                          |
|--------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| सेवा में,                                                                | To,                                                                                                      |
| मेर्सस अमर एंटरप्राइजेज, वीर<br>कुँवर सिंह कॉलोनी, हिनू रांची-<br>834002 | M/s AMAR ENTERPRISES, Veer Kunwar<br>Singh Colony, Hinoo, Ranchi-834002<br>Email: amarjeet.748@gmail.com |

विषय : बिरसा मुंडा हवाई अड्डे, राँची में एनआईटीबी में शौचालय ब्लॉकों का नवीनीकरण: विद्युत कार्य।

Subject : Renovation of Toilet Blocks at NITB at BM Airport Ranchi : Electrical works.

संदर्भ : (i) CPP Portal Bid No: **2024\_AAI\_196076\_1**

(ii) Your Price Bid opened on CPP portal : 25.06.2024

महोदय,

1. उपर्युक्त कार्य हेतु आपकी निविदा अध्यक्ष, भा0वि0प्रा0 की ओर से एतद्वारा इस आधार पर स्वीकार की जाती है कि आपके द्वारा उद्धृत आइटम दरों पर कुल योग, **26,76,400/- (छब्बीस लाख छिहत्तर हजार चार सौ मात्र) जी.एस.टी. को छोड़कर जो कि 40.17% अनुमानित दर 44,73,651/- (चवालीस लाख तिहत्तर हजार छः सौ इक्यावन रुपया मात्र) से कम है।**

Your tender for the work mentioned above is hereby accepted on behalf of the Chairman, AAI, at the item rates quoted by you totaling to **Rs. 26,76,400.00 (Twenty Six Lakhs Seventy Six Thousand Four Hundred Only)** excluding GST which is 40.17% below from the estimated cost put in tender of **Rs. 44,73,651.00 (Rupees Forty Four Lakhs Seventy Three Thousand Six Hundred and Fifty One Only)**.

2. कृपया ध्यान दें कि कार्य को पूरा करने के लिए अनुमत समय आठ महीने का है, जिसकी गिनती इस पत्र के जारी होने के दसवें दिन के बाद से शुरू हो जाएगी।

Please note that the time allowed for carrying out the work is (08) Eight Months, which shall be reckoned after 10 days from the date of issue of this letter.

3. अनुबंध दस्तावेजों के ईएनआईटी-05 के अनुसार बयाना राशि आपकी निविदा के साथ प्राप्त रु. 89,473.00 (उन्चासी हजार चार सौ तिहत्तर रुपया मात्र) को सुरक्षा जमा के हिस्से के रूप में परिवर्तित कर दिया गया है। कृपया 1,78,167.00 (एक लाख अठहत्तर हजार एक सौ सड़सठ रुपया मात्र) रुपये जमानत राशि के रूप में इस पत्र के जारी होने की तिथि से 15 दिनों के भीतर जमा करा दें, ऐसा न करने पर शर्त के अनुसार आपके चल रहे बिलों से कटौती की जाएगी। 1(ए) अनुबंध दस्तावेजों के पेज जीसीसी-17 पर।

As per eNIT-02 of the contract documents, Earnest Money amount of Rs. 89,473.00 (Rupees Eighty Nine Thousand Four Hundred and Seventy Three Only) received along with your tender has been converted as part of security deposit. Please deposit Rs. 1,78,167.00 (Rupees One Lacs Seventy Eight Thousand One Hundred and Sixty Seven Only) towards security deposit within 15 days from the date of issuing of this letter, failing which, the same will be deducted from your running bills as per condition 1(A) on page GCC-17 of the contract documents.

4. एजेंसी अधिकतम उद्धृत राशि के @10% की दर से सुरक्षा जमा के खिलाफ बैंक गारंटी जमा करेगी और डीएलपी अवधि + 03 महीने की दावा अवधि तक कुल अनुबंध के लिए वैध होगी। यदि एजेंसी बैंक गारंटी जमा नहीं करती है, तो उस स्थिति में, सुरक्षा जमा @10% चालू और अंतिम बिल से काट लिया जाएगा। सुरक्षा जमा राशि दोष देयता अवधि के संतोषजनक पूरा होने के बाद ही वापस की जाएगी।

The agency shall submit the Bank Guarantee against the Security Deposit @ 10% of quoted amount and shall be valid for total contract up to DLP period plus 03 months claim period. If the agency do not submit the Bank Guarantee, in that case, the Security Deposit @ 10% will be deducted from running and final bills. The security seposit shall be refunded only after satisfactory completion of defects liability period.

5. सहायक महाप्रबंधक (अभि.-विद्युत), भा0वि0प्रा0 बिरसा मुण्डा हवाई अड्डा राँची कार्य के प्रभारी अभियंता होंगे। आप कृपया अपने प्राधिकृत एवं संविदा-करार पर हस्ताक्षर करने में सक्षम प्रतिनिधि को हस्ताक्षर एवं करार पूरा करने हेतु सहायक महाप्रबंधक (अभि.-विद्युत), भारतीय विमानपत्तन प्राधिकरण, बिरसा मुण्डा हवाई अड्डा, राँची के कार्यालय में **22.08.2024** तक भेजे। संविदा करार आप द्वारा उपलब्ध कराए गए 100/- रु (सौ रुपया) के गैर अदालती पक्के कागज पर सम्पादित किया जाएगा।

टेली फेक्स : 0651 - 2252042 (का), दुरभाष : 0651 - 2250107

Tele Fax: 0651-2252042(O) Telephone: 0651 - 2250107

AGM(E-E)



भारतीय विमानपत्तन प्राधिकरण  
बिरसा मुण्डा विमानपत्तन, राँची - 834002  
AIRPORTS AUTHORITY OF INDIA  
BIRSA MUNDA AIRPORT, RANCHI - 834002

Asstt. General Manager (Engg.-E), AAI, BM Airport, Ranchi, shall be the Engineer-in-charge of the work. You are requested to depute your accredited representative empowered to sign the contract agreement on your behalf to attend the office of Asstt. General Manager (Engg.-E), Airports Authority of India, BM Airport, Ranchi by **22.08.2024** to sign and complete the agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs. 100/- and cost of the stamp paper shall be borne by you.

6. आपसे अनुरोध है कि आप संविदा श्रम (नियमन व समापन) अधिनियम-1970 के प्रावधानों तथा संविदा श्रम (नियमन व समापन) केन्द्रीय नियम, 1971, एवं केन्द्र व राज्य सरकारों के तत्सम्बन्धी न्यूनतम मजदूरी अधिनियम व नियमों का पालन करें। You are requested to comply with the provisions of Contract Labour (Regulation & Abolition) Act. of 1970 and Contract Labour (Regulation & Abolition) Central Rules-1971 & Minimum Wages Act., & rules thereof of Central and State Governments.

7. आपकी निविदा एवं इस कार्य के संदर्भ में उल्लिखित पत्र, इस अवार्ड पत्र सहित करार का हिस्सा होंगे। कृपया नोट करें कि दोष दायित्व अवधि (12) बारह महीने होगी।

Your tender mentioned above under the reference for this work shall form part of the agreement along with this award letter. Please note that the defect liability period shall be **(12) Twelve Months** from actual date of completion.

8. भविष्य में संविदा से संबंधित कोई भी पत्राचार सहायक महाप्रबंधक (अभि.-विद्युत), भारतीय विमानपत्तन प्राधिकरण, बिरसा मुण्डा हवाई अड्डा, राँची से किया जाए। Any further correspondence in connection with the contract shall normally be addressed to the Asstt. General Manager (Engg.-E), BM Airport, Ranchi.

9. E.P.F. & E.S.I. की दिशा में भुगतान सीधे मौजूदा नियमों के अनुसार ठेकेदार द्वारा सीधे संबंधित शासी निकायो को किया जाएगा और भुगतान के लिए बयान का प्रमाण AAI को प्रस्तुत किया जाएगा। The payment towards E.P.F. & E.S.I. shall be paid by the contractor directly to the concerned governing bodies as per existing rules and the proof of the statement shall be submitted to AAI for payment.

10. अन्य सभी नियम और शर्तें एनआईटी के अनुसार होंगी। Rest all other Terms & Condition shall be as per NIT.

11. कृपया पावती भेजें। Please acknowledge the receipt of the same.

धन्यवाद / Thanking you,

**Encl:** 1. Schedule of Quantity Annexure-I - 6 pages

भवदीय,  
06/08/2024  
स.म.प्र. (अभि.-वि.)  
अध्यक्ष, जी.ओ.के.डी. और एन.ए.ए.ए.  
सहायक महाप्रबंधक (अभि.-विद्युत) / A.G.M. (Engg.-Electl.)  
भारतीय विमानपत्तन प्राधिकरण / Airports Authority of India  
बिरसा मुण्डा हवाई अड्डा, राँची - 834002 / Birsa Munda Airport, Ranchi - 834002

**AIRPORTS AUTHORITY OF INDIA**  
**ELECTRICAL ENGG WING**  
**RANCHI AIRPORT, RANCHI**  
**SCHEDULE OF QUANTITIES**

Name of work : Renovation of Toilet Blocks at NITB at BM Airport Ranchi : Electrical works

| Sl No. | Description of Items                                                                                                                                                                                                                                                                                                                                                              | Qty | Unit  | Rate (in Rs.) | Amount (In Rs.) |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|---------------|-----------------|
| 1.00   | Dismantling & shifting to Electrical Stores the existing Light fittings, conduiting (PVC or Steel) and wiring works, switch, sockets, MS/GI Switch Boxes etc located in different Toilet Blocks of the airport complete as per instruction of Engineer-In-Charge<br><b>Note:</b> Dismantling of one Toilet Block will be treated as 01 Job                                        |     |       |               |                 |
| a)     | Ladies Toilet Block                                                                                                                                                                                                                                                                                                                                                               | 10  | Job   | 500.00        | 5,000.00        |
| b)     | Gents Toilet Block                                                                                                                                                                                                                                                                                                                                                                | 10  | Job   | 1,500.00      | 15,000.00       |
| c)     | Disabled Toilet Block                                                                                                                                                                                                                                                                                                                                                             | 8   | Job   | 500.00        | 4,000.00        |
| d)     | Child Care Room                                                                                                                                                                                                                                                                                                                                                                   | 3   | Job   | 500.00        | 1,500.00        |
| e)     | Staff Toilet Block                                                                                                                                                                                                                                                                                                                                                                | 2   | Job   | 500.00        | 1,000.00        |
| 2.00   | 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 <b>steel conduit</b> , 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.<br><b>Group-C</b>       | 150 | Point | 500.00        | 75,000.00       |
| 3.00   | Wiring for group controlled (looped) light point/fan point/exhaust fan point/ call bell point (without independent switch etc.) with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed <b>steel conduit</b> , and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc. as required<br><b>Group-C</b> | 350 | Point | 500.00        | 1,75,000.00     |
| 4.00   | Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed <b>steel conduit</b> including opening of false ceiling and making good the same as in original finish (if required) etc as required as per site condition.                                                       |     |       |               |                 |

|       |                                                                                                                                                                                                                                                 |     |       |        |             |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|--------|-------------|
| a)    | 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire                                                                                                                                                                                                      | 100 | Metre | 200.00 | 20,000.00   |
| b)    | 2 X 4 sq. mm + 1 X 4 sq. mm earth wire                                                                                                                                                                                                          | 400 | Metre | 300.00 | 1,20,000.00 |
| c)    | 2 X 6 sq. mm + 1 X 6 sq. mm earth wire                                                                                                                                                                                                          | 800 | Metre | 400.00 | 3,20,000.00 |
| 5.00  | Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required.                                                                                                      |     |       |        |             |
| a)    | 1 or 2 Module (75 mmX75 mm)                                                                                                                                                                                                                     | 20  | Each  | 200.00 | 4,000.00    |
| b)    | 3 Module (100 mmX75 mm)                                                                                                                                                                                                                         | 15  | Each  | 300.00 | 4,500.00    |
| c)    | 4 Module (125 mmX75 mm)                                                                                                                                                                                                                         | 10  | Each  | 400.00 | 4,000.00    |
| d)    | 6 Module (200 mmX75 mm)                                                                                                                                                                                                                         | 10  | Each  | 500.00 | 5,000.00    |
| 6.00  | Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.                                                                            |     |       |        |             |
| a)    | 5/6 A switch                                                                                                                                                                                                                                    | 20  | Each  | 40.00  | 800.00      |
| b)    | 15/16 A switch                                                                                                                                                                                                                                  | 20  | Each  | 100.00 | 2,000.00    |
| c)    | 3 pin 5/6 A socket outlet                                                                                                                                                                                                                       | 20  | Each  | 100.00 | 2,000.00    |
| d)    | 6 pin 15/16 A socket outlet                                                                                                                                                                                                                     | 20  | Each  | 100.00 | 2,000.00    |
| 7.00  | Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess. including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required.               | 60  | Each  | 300.00 | 18,000.00   |
| 8.00  | Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess. including providing and fixing 6 pin 5/6 A & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.   | 80  | Each  | 350.00 | 28,000.00   |
| 9.00  | Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess. including providing and fixing 2 nos. 3 pin 5/6 A modular socket outlet and 2 nos. 5/6 A modular switch, connections etc. as required. | 20  | Each  | 500.00 | 10,000.00   |
| 10.00 | Supply of following size ISI marked PVC casing caping etc as required.                                                                                                                                                                          |     |       |        |             |
| a)    | 20 X 12mm casing caping medium class as per relevent IS                                                                                                                                                                                         | 100 | Metre | 50.00  | 5,000.00    |
| b)    | 25 X 12mm casing capng medium class as per relevent IS                                                                                                                                                                                          | 200 | Metre | 50.00  | 10,000.00   |
| 11.00 | Supplying and fixing 3 pin. 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required.                                                                                                                 | 50  | Each  | 40.00  | 2,000.00    |

06/08/2024  
AGM(E-E)

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |      |          |             |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|----------|-------------|
| 12.00 | <p>Supply of <b>Recess mounted LED downlighter</b> with LEDs of approved makes having high efficiency Pmma diffuser complete with driver and accessories. Specially designed flat opal diffuser fixed to housing, driver installed on housing or externally and prewired upto the terminal block. PF<math>\geq</math>0.95, THD&lt;10% &amp; surge protection of <math>\geq</math> 2KV, rated life of L-70@ 50,000 hours having lumen output not less than 1000 Lumens with luminaire efficacy of not less than 100 Lumens / watt with CRI Min 80, operating range 140V - 270V, 50Hz AC supply, <b>CCT 4000K</b> and suitable for indoor applications. The luminaire shall be minimum IP-20 protected. LM 79 report to be submitted for luminaire from NABL accredited lab and LM 80 for LED source issued by LED manufacture (Similar to Havells INTEGRANEODLR10WLED840S or as per AAI Preferred makes)</p> <p>(Note:-The model numbers specified below are only for references for Shape of the product requirement. The product shall supplied, must match the technical specifications. The technical data sheets shall be arranged before the material dispatch and got approved from Engineer-In- Charge)</p> | 350 | Each | 1,000.00 | 3,50,000.00 |
| 13.00 | <p>Supply of <b>LED Linear Surface Mounted Luminaire</b> of 9-10 W with heat dissipation capability with Opal diffuser which creates optimum light uniformity with minimum glare with integral constant current LED driver. It shall have <b>CCT of 3000K</b> and shall be suitable for indoor applications</p> <p>complete as per technical specifications. (Similar to Signify CAT No. 581916 Poise 9W IP44 LED Wall Light or as per AAI Preferred makes)</p> <p>(Note:-The model numbers specified below are only for references for Shape of the product requirement. The product shall supplied, must match the technical specifications. The technical data sheets shall be arranged before the material dispatch and got approved from Engineer-In- Charge)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                             | 95  | Each | 3,000.00 | 2,85,000.00 |
| 14.00 | <p>Supply, Installation, Testing &amp; Commissioning of <b>Flexible LED strip light</b> with driver of 4.8W/Meter (IP-20), 150V - 270V, 50Hz AC supply, <b>CCT 3000K</b>, PF<math>\geq</math>0.95 and THD must be &lt;10% &amp; surge protection of <math>\geq</math> 2kv with double tape on backside suitable for Mounting in cove with all accessories as required. (In roll of 5 meter). (Make: Havells FLEXISTRIP5MIP2024V/2ALE830MOD V1 &amp; Driver CVDRIVER24V2A or as per AAI Preferred makes )</p> <p>(Note:-The model numbers specified below are only for references for Shape of the product requirement. The product shall supplied, must match the technical specifications. The technical data sheets shall be arranged before the material dispatch and got approved from Engineer-In- Charge)</p>                                                                                                                                                                                                                                                                                                                                                                                                | 40  | Roll | 1,500.00 | 60,000.00   |

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |       |           |             |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|-----------|-------------|
| 15.00 | Installation, testing and commissioning of pre-wired LED fittings / downlighters etc of all types (surface/recessed), complete with all accessories etc directly on ceiling/wall/POP/false ceiling , including connections with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable, flexible conduit and earthing etc. as required                                                                                                                                                                                                        | 445 | Job   | 100.00    | 44,500.00   |
| 16.00 | SITC of wall mounted Touch Free Infrared sensor activated Stainless Steel Hand Dryer suitable for operation on single phase 230V, 50 Hz AC Power supply including heating element of suitable wattage, auto cut off, quiet operation ,suitable rating of motor,Blower,sensor and all other accessories capable to dry a pair of Hands fully hygenically and for continuous repeat use etc as required (Make:Euronics or as per AAI Preffered makes )<br>(Note: Make & Model to be approved by Engineer-in-Charge before SITC)                             | 28  | Jobs  | 9,000.00  | 2,52,000.00 |
| 17.00 | Supply & Fixing of 5A to 32A rating, 240/415 V, 10 kA, "C" curve, MCB suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. complete as required.                                                                                                                                                                                                                                                                                                                               |     |       |           |             |
| a)    | Single pole                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 30  | Nos   | 150.00    | 4,500.00    |
| b)    | Double pole                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5   | Nos   | 600.00    | 3,000.00    |
| 18.00 | Supply of Water Dispenser floor mounted (Normal, Cold & Hot) suitable for operation on 230 volts +/- 10%, 50 Hz single phase AC supply complete with all accessories etc., as required. (Make: Voltas, Model: Minimagic pure-F or equivalent)                                                                                                                                                                                                                                                                                                             | 3   | Nos   | 10,000.00 | 30,000.00   |
| 19.00 | Supplying and fixing Call bell/ buzzer suitable for single phase, 230 volts, complete as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 8   | Nos   | 100.00    | 800.00      |
| 20.00 | Providing and fixing 6 SWG dia GI wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/ cable as required.                                                                                                                                                                                                                                                                                                                                                                                        | 100 | Metre | 20.00     | 2,000.00    |
| 21.00 | Dismantling & shifting to Electrical Stores the existing Inline Fans its associated canvas connection and accessories etc located above false cieling at different areas of the airport complete as per instruction of Engineer-In-Charge                                                                                                                                                                                                                                                                                                                 | 8   | Job   | 1,000.00  | 8,000.00    |
| 22.00 | Supply, Installation, Testing and Commissioning of Inline Fans suitable for installing in any position in vertical or horizontal ducts, the casing shall be double skin, internally acoustically lined and constructed of galvanised steel. The fan shall be DIDW/SISW with forward/backward curve impeller fitted with maintenance free external rotor motor, canvas connection,gasket,silicon, nut, bolts etc complete as required and suitable for operation on 220 volts, Single phase, 50 Hz AC supply as per specification of following capacities. |     |       |           |             |
| a)    | Capacity : 300 CFM and Static Pressure : 10mm WG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3   | Job   | 18,000.00 | 54,000.00   |
| b)    | Capacity : 450 CFM and Static Pressure : 10mm WG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5   | Job   | 25,000.00 | 1,25,000.00 |

|       |                                                                                                                                                                                                                                                                                                                                                                                            |    |          |           |             |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----------|-----------|-------------|
| 23.00 | Supplying, fixing, testing, commissioning of supply air diffusers of powder coated aluminium with aluminium volume control dampers with anti smudge ring & removable core suitable for direct replacement of existing diffuser as per site conditions                                                                                                                                      | 16 | Sq. Mtrs | 10,000.00 | 1,60,000.00 |
| 24.00 | Supplying, fixing, testing, commissioning of Return air diffusers of powder coated aluminium without volume control dampers with anti smudge ring & removable core suitable for direct replacement of existing diffuser as per site conditions                                                                                                                                             | 16 | Sq. Mtrs | 5,000.00  | 80,000.00   |
| 25.00 | Supplying and fixing of 8 way, Double Door, 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)(Make HAVELLS Model No: DHDPHODRW08 or as per AAI Preferred Makes) | 6  | Job      | 2,800.00  | 16,800.00   |
| 26.00 | Supply, Fabrication, Installation, Testing and Commissioning of Site fabricated GI sheet metal rectangular/round duct, GI sheet conforming to IS:277 & Fabrication generally as per IS : 655 (Latest Version) in accordance with the approved shop drawing and specifications of following sheet thickness complete as required.                                                           |    |          |           |             |
| a)    | 0.63 mm                                                                                                                                                                                                                                                                                                                                                                                    | 10 | Sq. Mtrs | 500.00    | 5,000.00    |
| b)    | 0.80 mm                                                                                                                                                                                                                                                                                                                                                                                    | 10 | Sq. Mtrs | 500.00    | 5,000.00    |
| 27.00 | <b>Signage for Washroom / Drinking Water / Baby Care</b>                                                                                                                                                                                                                                                                                                                                   |    |          |           |             |
|       | These signs identify the key facilities essential to the passengers.                                                                                                                                                                                                                                                                                                                       |    |          |           |             |
|       | <b>Refer design drawing 2.4a-S, 2.4a-G</b><br>Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in- Charge                                                                                                                 |    |          |           |             |
|       | <b>Sign face:</b><br>Sign face shall be made in 5mm thick 040 white acrylic (as specified) having graphics pasted in Plotter cut Block out vinyl. The Plotter cut block out vinyl shall match the specified colour (colour Pantone Black 6C) and vinyl for text Pantone yellow C or Pantone Cyan 311C as per graphics and of specified make duly approved by the Engineer-in-Charge        |    |          |           |             |

06/08/2024  
AGM (E-E)

|                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |          |              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|----------|--------------|
| <b>Sign Frame (Type -1 :Wall Projected and Type -2 :Wall Mounted) :</b><br>Providing and fixing sign frame 50mm wide Powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with 3M brand dual lock system in one side and 3M both way tape from the other side or other suitable means. The panel should be made easily openable for maintenance |    |      |          |              |
| <b>Sign Structure (Type -1 : Wall Projected) :</b><br>All hardware used for fixing of sign shall be Stainless Steel. Projection supported internally by side mounting of SS frame.                                                                                                                                                                                                                                                            |    |      |          |              |
| <b>Lighting:</b><br>All internal illumination shall be using Power LED strip edge Lights from Osram or as per AAI Preferred makes with electronic controllers, having even spread and overlaps to avoid banding and dark spots including all internal connections and wiring, termination and connection to the incoming electrical supply cable from nearest available point at the site.                                                    |    |      |          |              |
| The actual structural design of the sign for its stability shall be responsibility of the contractor. Secret fixing methods should be used to fix parts together.                                                                                                                                                                                                                                                                             |    |      |          |              |
| <b>Accessories:</b><br>Providing and fixing all accessories such as thimbles, end connectors, nut- inserts, screws, rivets, bolts, washers, nuts, etc. complete in all respect as per drawing/ specification as required.                                                                                                                                                                                                                     |    |      |          |              |
| Size of signage - 450mm X 450mm (TYPE 1 - WALL PROJECTED : DOUBLE SIDE - Sign face in acrylic)                                                                                                                                                                                                                                                                                                                                                | 6  | Each | 7,000.00 | 42,000.00    |
| Size of signage - 450mm x 450mm (TYPE 2 - WALL MOUNTED : SINGLE SIDE CONTENT - Sign Face: acrylic and Back: 3mm ACP)                                                                                                                                                                                                                                                                                                                          | 45 | Each | 7,000.00 | 3,15,000.00  |
| Total                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |      |          | 26,76,400.00 |
| Say                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |      |          | 26,76,400.00 |

Note: Rate is Comprehensive and excluding of GST.

Say: Rs. 26,76,400.00 (Rupees Twenty Six Lakh Seventy Six Thousand and Four Hundred Only)

06/08/2024  
 Asst. Gen. Manager (E-E)  
 जे.आ.किंडा / JOSHUA KINDO  
 AAI, Ranchi Airport, Ranchi  
 भारतीय विमानपत्तन प्राधिकरण  
 बिस्सा मुण्डा हवाई अड्डा, राँची - 834002