



WO No: AAI/VZ/CNS Store /Arrival Immigration Server relocation /2022/384 Date: 28.01.2022

To  
M/S REY TECHNO SOLUTIONS,  
H.no. 3-18-200,  
Pragathi nagar,  
Ramanthapur,  
Hyderabad -500013  
Telangana

**Subject: SIT of OFC Cabling for Immigration and other data network shifting at Visakhapatnam Airport, Visakhapatnam.**

Ref: Tender No: AAI/VZ/CNS/STORES/AS-OFC&LAN/2022 (Tender ID 2021\_AAI\_99286\_1)

Dear Madam/Sir,

With reference to the above, we are pleased to inform you that your offer has been accepted by Competent Authority and work Order is placed herewith for execution of **"SIT of OFC Cabling for Immigration and other data network shifting at Visakhapatnam Airport, Visakhapatnam"**.

**1.Scope of Work:**

- 1) Two OFC (6 core) cables in the HDPE (40 mm) pipe conduit from new arrival to new departure to be laid.
- 2) Out of the above two OFC cables, one OFC cable connecting new departure and new arrival areas is required for Dynamic Signage System for Immigration provided by AAI. This portion is to be laid in 25 mm HDPE pipe from arrival AS switch room to departure AS switch room
- 3) One more OFC cable connecting new departure and existing departure areas is required to be laid in the 25mm HDPE pipe for Immigration.
- 4) OFC termination in new departure immigration, with wall rack. Rack contains Media converters and LC patch panel and OFC patch cables and RJ 45 patch cables for switch connectivity. Splicing of OFC for 36 nos.
- 5) Shifting of Arrival and Departure Switch rack from existing location to new location due to demolition of existing areas. The LAN cables of FIDS switch, Existing Dep Immigration switch, SCCTV LAN switch, DSS /Egates.
- 6) **Project Manager:** DGM (CNS) Airport System shall act as the Project Manager for the work, who shall be responsible for the smooth implementation of the contract.



## **2. Schedule of Quantity**

| Sl No                                                                        | Item                                                                                   | UOM   | Qty      | Rate  | Amount              | Make                                          |
|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------|----------|-------|---------------------|-----------------------------------------------|
| 1.                                                                           | 6 core single mode OFC armoured ,outdoor loose tube, cable                             | Mtrs  | 1300     | 35.40 | 46020               | Molex or Equivalent with tubular metal shield |
| 2.                                                                           | 3 core 1.5 sq mm power cable                                                           | Mtrs  | 400      | 115   | 46000               | Finolex /ISI Brand                            |
| 3.                                                                           | HDPE conduit 40 mm                                                                     | Mtrs  | 400      | 61.36 | 24544               | Sudhakar / ISI Mark                           |
| 4.                                                                           | HDPE conduit 25 mm                                                                     | Mtrs  | 400      | 44.80 | 17920               | Sudhakar / ISI Mark                           |
| 5.                                                                           | SC-LC single mode OFC patch cables(DSS)                                                | Nos.  | 2        | 1121  | 2242                | Dlink / NCB-S09DLCLC-3                        |
| 6.                                                                           | SC-SC single mode OFC patch cables (for Immigration)                                   | Nos.  | 2        | 1121  | 2242                | Dlink or equivalent brand                     |
| 7.                                                                           | OFC Junction boxes rugged outdoor                                                      | Nos.  | 2        | 1770  | 3540                | Dlink or equivalent brand                     |
| 8.                                                                           | SC Pigtails                                                                            | Nos.  | 24       | 159   | 3816                | DLink or equivalent brand                     |
| 9.                                                                           | Supply and Installation of 12 U Wall rack                                              | Nos.  | 2        | 5900  | 11800               | Valrack or equivalent brand                   |
| 10.                                                                          | 12 port LIU ( for Departure)                                                           | Nos.  | 1        | 4130  | 4130                | DLink or equivalent                           |
| 11.                                                                          | 6 port small LIU fully loaded (for DSS)                                                |       | 2        | 3422  | 6844                | Dlink or equivalent brand                     |
| 12.                                                                          | Media Converter                                                                        | Nos.  | 4        | 4484  | 17936               | Dlink / DMC-G1000SC                           |
| 13.                                                                          | Cat 6 cable                                                                            | Mtrs. | 915      | 23.00 | 21045               | DLink or equivalent                           |
| 14.                                                                          | PVC 1 inch conduit                                                                     | Mtrs. | 400      | 28.32 | 11328               | Sudhakar / ISI Mark                           |
| 15.                                                                          | Laying of OFC cable with HDPE conduit in overhead airport shed at the height of 15 mts | Job   | 1300 mts | 53300 | 53300               | Molex                                         |
| 16.                                                                          | Laying of UTP cable with PVC conduit                                                   | Job   | 500 mts  | 27450 | 27450               |                                               |
| 17.                                                                          | Shifting and Fixing of 6 nos. of Wall racks                                            | Job   | 1        | 14160 | 14160               |                                               |
| 18.                                                                          | Fixing of LIU rack                                                                     | Job   | 1        | 3540  | 3540                |                                               |
| 19.                                                                          | OFC/LC pigtails splicing                                                               | Job   | 72 nos   | 12744 | 12744               |                                               |
| 20.                                                                          | Installation & Commissioning of devices and OTDR testing report charges for OFC Cable  | Job   | 1        | 76000 | 76000               |                                               |
| <b>Total In words Four Lakhs Six Thousand Six Hundred and One rupee only</b> |                                                                                        |       |          |       | <b>Rs. 4,06,601</b> |                                               |

**\*The offered items shall be of above or higher quality make.**

3. Payment for the power/ UTP/OFC cable, HDPE pipe and other components will be made on actual requirement of the site upon completion of laying and measurement.



4. **Price :** The items as per Schedule of Quantity shall be supplied and work executed by the supplier at a total cost of Rs. 4,06,601.00, /- (Four Lakhs Six Thousand Six Hundred One Rupees Only) exclusive of GST
5. **Time Schedule:** Time Period for completion of work is 45 days from the date of receipt of the work order.
6. **Payment terms :** Payment shall be released by Airport Director, Visakhapatnam airport to the supplier on submission of documents a) GST Invoice in duplicate and shall reflect HSN code and our GST No. 37AAACA6412D1Z7 with Delivery Challan and Bank details b) Certificate from DGM(CNS) Airport System for successful completion of SAT of the awarded work along with copy of work order . 3% of work order amount will be deducted as Security Deposit from the bill and will be refunded after 15 months from the date of completion of work .
7. **Warranty:** Onsite warranty will be for a period of 1 year for entire works & items involved in SIT, whichever is later. Warranty starts from the date of successful SIT of the system. In case of any defects in the supplied items/parts which may be noticed within the warranty period, the successful bidder shall be fully responsible to rectify or replace the items/parts on site, which may cause unsatisfactory performance, at bidder's own expense to the satisfaction of AAI.
8. **Liquidity Damage:** If the bidder fails to complete the awarded work successfully within the stipulated period and no justifiable reasons are found for the delay, bidder will be liable to pay the compensation for delay at the rate of 1.0 % of the total value of work order per week of delay subject to a maximum of 10% of the value. The amount of compensation for delay or waiver of compensation for delay in case of justified reasons shall be decided at the discretion of the Airport Director, Visakhapatnam and same shall be binding on the bidder. If the successful bidder does not produce the valid justification for the delay (if any) in proper time and if the successful bidder does not properly respond to AAI during the period of execution of awarded work, the work will be cancelled and firm will be debarred by AAI for future participation in AAI tendering.
9. The successful bidder has to take adequate insurance coverage for the workers for the execution of the work and he/she will be wholly responsible for any mishap/accident. AAI will not be responsible for any such unfortunate eventuality. However AAI will provide the first aid.
10. The bidder shall assume complete responsibility for the design and performance of the equipment / items to satisfy all technical and functional requirements.

पुरुषोत्तम 3  
28/01/2022

N.Purushotham  
CNS In-Charge  
For Airport Director

Visakhapatnam Airport  
एन पुरुषोत्तम/N Purushotham  
उप महाप्रबंधक (सी एन एस)/Dy.General Manager (CNS)  
सी एन एस प्रभारी/CNS in-Charge  
भारतीय विमानपत्तन प्राधिकरण/Airports Authority of India  
विशाखपट्टणम हवाईअड्डा/Visakhapatnam Airport  
Web: www.aai.aero  
Fax : 0891-2851103