



भारतीय विमानपत्तन प्राधिकरण  
AIRPORTS AUTHORITY OF INDIA

संदर्भ सं / Ref. No. AAI/BD/ENGG(CIVIL)/Tensile Fabric Membrane NO-05/2023-24 दिनांक / Date 14/07/2023

/963-68

To  
M/s R. R. Construction  
3<sup>rd</sup> Floor, Plot No. 12,  
DDA Facility Center,  
Opp. CNG Station,  
Mayapuri Phase-II,  
New Delhi 110064.

**Sub.: - Providing of Tensile Fabric Membrane canopy in Cityside of Terminal Building for facilitation of passengers at Bagdogra Airport.**

**Ref: - Your E-Bid opened on 05/07/2023  
[Open Tender ID: 2023\_AAI\_155250\_1].**

महोदय/Dear Sir(s),

1. Your tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India at the item rates quoted by you totaling to **Rs. 1,79,78,849.52 (Rupees One Crore Seventy Nine Lacs Seventy Eight Thousand Eight Hundred Forty Nine and Fifty Two Paise Only)** excluding GST which is **18.55% below** the estimated cost put to tender of Rs. 2,20,72,150.00.

2. Jt. Gen. Manager (I-C), AAI, Bagdogra Airport shall be the Engineer in charge of the work. You are requested to attend the office of Jt. Gen. Manager (I-C), AAI, Bagdogra Airport, Dist.: - Darjeeling, Pin: - 734421 by **23/07/2023** to sign and complete the contract agreement. The contract agreement shall be executed on a **non-judicial stamp paper of value Rs. 100/- (Rupees One Hundred only)** and the cost of the stamp paper shall be borne by you.

3. The Earnest Money amount of **Rs. 4,41,443.00 (Rupees Four Lacs Forty One Thousand Four Hundred Forty Three Only)** received along with your tender has been converted as part of **Security Deposit**, as per **condition 1A on page 16** of the contract document. Please deposit **Rs. 13,56,442.00 (Rupees Thirteen Lacs Fifty Six Thousand Four Hundred Forty Two Only)** towards balance Security Deposit within **10 (Ten) days** from the date of issue of this letter, failing which the same will be deducted from your running bills as per **clause 1A on page 16 of General condition of contract**.

4. 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, Child Labour (Prohibition & Regulation) Act 1986, Construction workers (Regulation of Employment and Conditions of Service) Act 1996, Building and other Construction workers Welfare Cess Act 1996 etc. amended from time to time or any other laws relating thereto and rules made there under from time to time of Central and State Governments.

5. You are also directed to contact **The Jr. Executive (E-C), Bagdogra Airport, Bagdogra** who will arrange to hand over the site to you.

6. Please note that the time allowed for carrying out the work is **06 (Six) Months** and same shall be reckoned from the 10<sup>th</sup> day after issue of this letter.

7. Any further correspondence in connection with the contract should normally be addressed to the **Engineer-in-charge**.

8. 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.

Thanking you.

**Enclosure: - Schedule of Rates.**

Yours faithfully

-Sd-

(Bhudeb Sarkar)

Jt. General Manager (E-C),  
Airports Authority of India,  
Bagdogra Airport

For and on behalf of the Chairman,

**N. O. O:**

**Copy to: -**

**External: -**

1. The Labour Enforcement Officer (Central) Siliguri Office of the Asst. Labour Commissioner (Central), Choudhury Complex, Near New Masjid, Burdwan Road, Siliguri-734001.
2. Employees Provident Fund Organization, Bhavishyanidhi Bhawan, Hill Cart Rd, Ward 1, Patiram Jote, Siliguri, West Bengal-734001.
3. Income Tax Office, Paribahan Nagar, Matigara, Siliguri, Pin - 734010.

**Internal: -**

1. GM (Engg.), AAI, NSCBI Airport, Kolkata - 700052.
2. GM (F&A), AAI, NSCBI Airport, Kolkata - 700052.
3. Airport Director, AAI, Bagdogra Airport, Bagdogra-734421.
4. AGM Engg. (C), AAI, Bagdogra Airport - 734421.
5. Jr. Exec. Engg. (C), AAI, Bagdogra Airport - 734421.
6. Work File.



(Bhudeb Sarkar)

Jt. General Manager (E-C),  
Airports Authority of India,  
Bagdogra Airport

For and on behalf of the Chairman,



## Government eProcurement System

Created By: Subhra Santa Ghosh

Created Date/Time: 05-Jul-2023 11:29 AM

Tender Title: Providing of Tensile Fabric Membrane canopy in Cityside of Terminal Building for facilitation of passengers at Bagdogra Airport

Tender ID: 2023\_AAI\_155250\_1

Tender Inviting Authority: Jt. GM (E-C)

Name of Work: Providing of Tensile Fabric Membrane canopy in Cityside of Terminal Building for facilitation of passengers at Bagdogra Airport.

Contract No: AAI/BD/Engg.(C)/Tensile/NIT-05

## SCHEDULE OF WORK / ITEM(S)

| Sl. No | Description of Work / Item(s)                                                                                                                                                                                                                                                                                  | No. of Qty | Units | Rate    | Amount    |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------|---------|-----------|
| 1      | Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-incharge. All kinds of soil. | 334.00     | Cum   | 245.00  | 81830.00  |
| 2      | Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.                                                                      | 234.00     | Cum   | 145.00  | 33930.00  |
| 3      | Extra for every additional lift of 1.5 m or part thereof in excavation / banking excavated or stacked materials. All kinds of soil.                                                                                                                                                                            | 64.00      | Cum   | 100.00  | 6400.00   |
| 4      | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources).        | 13.13      | Cum   | 6000.00 | 78768.00  |
| 5      | Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns, etc. for mass concrete.                                                                                                                                                           | 196.00     | Sqm   | 485.00  | 95060.00  |
| 6      | Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.                                                                                                      | 10076.00   | Kg    | 89.00   | 896764.00 |

*Prasanna*  
संयुक्त महाप्रबंधक (अति-सिविल)  
Jt. General Manager (Engg-Civil)  
भारतीय वायुसेना  
AAI, Bagdogra Airport

| Sl. No | Description of Work / Item(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | No. of Qty | Units | Rate    | Amount     |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------|---------|------------|
| 7      | <p>Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete.</p> <p>Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement.</p> <p>All works upto plinth level.</p> <p>Concrete of M25 grade with minimum cement content of 330 kg /cum.</p>                                                                                                                                                                                                                                               | 83.97      | Cum   | 8500.00 | 713728.00  |
| 8      | Add for using extra cement in the items of design mix over and above the specified cement content therein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 277.09     | Qtl   | 800.00  | 221675.52  |
| 9      | Providing and fixing bolts including nuts and washers complete.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 696.00     | Kg    | 118.00  | 82128.00   |
| 10     | <p>Providing, Fabricating, Assembling, painting, hoisting, erecting and placing in position MS Built-up section/Tubular Structure ( MS built-up section :-Rolled section &amp; plates conforming to IS 2062 minimum required grade E250,Tubular Structure:- made from Steel hollow sections, ISI marked from SAIL / RINL / TATA/JINDAL/APPOLO, conforming to IS 1161/4923, minimum required Grade YST 310, in the profile shape as per drawings with special plate connector, pinion joints, Plates, hollow sections etc. using water jet 3-D cutting system for obtaining smooth 3-dimensional curvature, SAW/MMAW/MIG welding process with special plate connectors, pinion joints, plates, hollow sections to all heights, tools and plants and necessary scaffoldings etc. required for all operations involved. The structural members shall be painted with 350 DFT anticorrosive protection coating using Primer cum MIO of approved make with two coat of Epoxy Primer cum MIO 125 microns (each coat) thick and final coat of polyurethane paint 100 microns thick (to be applied in 2 coats). Up to all heights including preparation of the surface by copper slag blasting before application of primer/paint as per SA2.5 standards. The item shall be executed as per approved drawings, Particular Specifications and direction of the Engineer-in-Charge complete.</p> | 68200.00   | Kg    | 144.00  | 9820800.00 |

  
 General Manager (Engg. Civil)  
 Baidyogya Airport



| Sl. No | Description of Work / Item(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | No. of Qty | Units | Rate             | Amount             |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------|------------------|--------------------|
| 11     | Providing, fabricating, assembling and erection of Tensile Fabric Roof along with Mehler Technologies Valmex Type-III Mehatop N or Serge Ferrari TX30 Type-III fabrics or equivalent having weight of 1000 g/sqm with flame retardant as per particular specification. PVDF lacquer on both sides. Colour of the fabric should be white, Conditional Warranty of 20 years on the fabric, over steel frames with all fittings and fixtures such as Galvanised MS Membrane/ End Plate, Shackles, Rigging Screws, Turnbuckles, swedge, fork, keder rods & galvanized MS strands/ cables with stainless steel end terminals complete as per Drawing/ Detail & as per specifications and as per the instructions of Engineer-in-charge. (Rate includes shop drawings for foundation, structural steel, canopy, cost of fabric including forming, cutting, fabrication, hot weld stitch of fabric, transport to the site, assembling and installation with GI cables, hardware, Aluminium flat, EPDM gasket and required accessories wherever required complete including lifts up to all heights, tools and plants, and necessary scaffolding etc. required for all operations in all respect). Supporting structural steel frame and RCC foundation shall be paid separately. (Note: Actual Plan area of canopy shall only be measured for payment). | 1722.00    | Sqm   | 3303.00          | 5687766.00         |
| 12     | Vetting of structural design and drawings for Tensioned Membrane Structure from IIT/NIT/Any Government Engineering College etc. to make "Good For Construction" drawings including MS pipe/structure and RCC foundation for the Tensile Canopy including submission of 02 sets of drawings, design and Technical Specifications etc., inclusive of all payment to IIT/NIT/Any Government Engineering College etc. for vetting all complete as direction and satisfaction of Engineer-in-Charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1.00       | Job   | 260000.00        | 260000.00          |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |       | <b>Total Rs.</b> | <b>17978849.52</b> |

(Rupees One Crore Seventy Nine Lacs Seventy Eight Thousand Eight Hundred Forty Nine and Fifty Two Paise Only)

  
 (Bhudeb Sarkar)  
 Jt. GM (E-C)  
 AAI, Bagdogra Airport  
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