

**Government eProcurement System**  
**Created By: AJITHA M**  
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**Tender Title: Provision of Glide Path for Runway 04 at VSI Airport, Port Blair. sub Head Installation of Glidepath Frangible Hut, Grading of the Surrounding areas and other Allied works**  
**Tender ID: 2022\_AAI\_106352\_1**

**Tender Inviting Authority: The Assistant General Manager (Engg-Civil), AAI, VSI Airport, Port Blair.**

**Name of Work: Provision of Glide Path for Runway 04 at VSI Airport, Port Blair. SH: Installation of Glidepath Frangible Hut, Grading of the Surrounding areas and other Allied works**

**Contract No: 2022\_AAI\_106352\_1**

| SCHEDULE OF WORK / ITEM(S) |                                                                                                                                                                                                                                                                                                                                                                                                               |           |       |                |                                     |            |                                                 |            |                                                 |            |                                |            |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------|----------------|-------------------------------------|------------|-------------------------------------------------|------------|-------------------------------------------------|------------|--------------------------------|------------|
| Sl.No                      | Description of Work / Item(s)                                                                                                                                                                                                                                                                                                                                                                                 | No.of Qty | Units | Estimated Rate | Island Agency(GSTN-35AAFFI3176G1ZF) |            | City Construction Company(GSTN-35AZCPS5821Q2ZQ) |            | Prasur Electricals and Engineering Co.(GSTN-NA) |            | Kakoli Trade Agencies(GSTN-NA) |            |
|                            |                                                                                                                                                                                                                                                                                                                                                                                                               |           |       |                | Rate                                | Amount     | Rate                                            | Amount     | Rate                                            | Amount     | Rate                           | Amount     |
| 1.00                       | Carriage of Materials By Mechanical Transport including loading , unloading and stacking Lime, moorum, building rubbish (Lead considered 6 K.M)                                                                                                                                                                                                                                                               | 370.00    | cum   | 100.00         | 200.00                              | 74000.00   | 220.00                                          | 81400.00   | 220.00                                          | 81400.00   | 410.00                         | 151700.00  |
| 2.00                       | Carriage of Materials By Mechanical Transport including loading , unloading and stacking etc complete upto a lead of 6 km as per the direction of EIC Earth                                                                                                                                                                                                                                                   | 5000.00   | cum   | 100.00         | 250.00                              | 1250000.00 | 240.00                                          | 1200000.00 | 220.00                                          | 1100000.00 | 486.00                         | 2430000.00 |
| 3.00                       | Carriage of Materials By Mechanical Transport including loading , unloading and stacking Excavated rock (Lead considered 6 K.M)                                                                                                                                                                                                                                                                               | 5150.00   | cum   | 10.00          | 260.00                              | 1339000.00 | 260.00                                          | 1339000.00 | 220.00                                          | 1133000.00 | 488.00                         | 2513200.00 |
| 4.00                       | 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-in-charge. All kinds of soil                                                                                                 | 6500.00   | cum   | 10.00          | 280.00                              | 1820000.00 | 280.00                                          | 1820000.00 | 220.00                                          | 1430000.00 | 275.00                         | 1787500.00 |
| 5.00                       | 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-in-charge Ordinary rock                                                                                                      | 5150.00   | cum   | 10.00          | 310.00                              | 1596500.00 | 340.00                                          | 1751000.00 | 498.00                                          | 2564700.00 | 360.00                         | 1854000.00 |
| 6.00                       | Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m. All kinds of soil                                                                                                                                                                                                                       | 25200.00  | sqm   | 10.00          | 25.00                               | 630000.00  | 32.00                                           | 806400.00  | 25.00                                           | 630000.00  | 21.00                          | 529200.00  |
| 7.00                       | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 Cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 40 mm nominal size)                                                                                                                                                                  | 5.00      | cum   | 10.00          | 8500.00                             | 42500.00   | 9400.00                                         | 47000.00   | 10500.00                                        | 52500.00   | 9728.00                        | 48640.00   |
| 8.00                       | 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) : 8 graded stone aggregate 40 mm nominal size) For Bed PCC Below Footing                                                                                                                                         | 540.00    | cum   | 10.00          | 7500.00                             | 4050000.00 | 8500.00                                         | 4590000.00 | 8380.00                                         | 4525200.00 | 8391.00                        | 4531140.00 |
| 9.00                       | Providing and fixing up to floor five level precast cement concrete solid block, including hoisting and setting in position with cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering, shuttering complete : 1:1½:3 (1 Cement: 1½ coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size).                                                                                   | 3.00      | cum   | 10.00          | 11500.00                            | 34500.00   | 12200.00                                        | 36600.00   | 12500.00                                        | 37500.00   | 11175.00                       | 33525.00   |
| 10.00                      | Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size)                                                                                                                         | 11.00     | cum   | 10.00          | 8500.00                             | 93500.00   | 10200.00                                        | 112200.00  | 12500.00                                        | 137500.00  | 10050.00                       | 110550.00  |
| 11.00                      | Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns, etc. for mass concrete ( For Foundation )                                                                                                                                                                                                                                        | 20.00     | sqm   | 10.00          | 265.00                              | 5300.00    | 280.00                                          | 5600.00    | 550.00                                          | 11000.00   | 339.00                         | 6780.00    |
| 12.00                      | Centering and shuttering including strutting, propping etc. and removal of form for Lintels, beams, plinth beams, girders, bressumers and cantilevers.                                                                                                                                                                                                                                                        | 10.00     | sqm   | 10.00          | 450.00                              | 4500.00    | 360.00                                          | 3600.00    | 550.00                                          | 5500.00    | 425.00                         | 4250.00    |
| 13.00                      | Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete work in string courses, bands, copings, bed plates, anchor blocks, plain window sills and the like, including the cost of required centering, shuttering but, excluding cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size). | .50       | cum   | 10.00          | 12000.00                            | 6000.00    | 12500.00                                        | 6250.00    | 13000.00                                        | 6500.00    | 12200.00                       | 6100.00    |
| 14.00                      | 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                                                                                                                                                                                                      | 1600.00   | kg    | 10.00          | 92.00                               | 147200.00  | 95.00                                           | 152000.00  | 110.00                                          | 176000.00  | 119.00                         | 190400.00  |
| 15.00                      | Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.                                                                                                                                                                                             | 25.00     | kg    | 10.00          | 220.00                              | 5500.00    | 150.00                                          | 3750.00    | 145.00                                          | 3625.00    | 127.00                         | 3175.00    |
| 16.00                      | 15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 coarse sand)                                                                                                                                                                                                                                                                                                    | 10.00     | sqm   | 10.00          | 480.00                              | 4800.00    | 450.00                                          | 4500.00    | 550.00                                          | 5500.00    | 415.00                         | 4150.00    |

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |      |       |            |            |            |            |            |            |            |            |
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| 17.00 | Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.<br>Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 360.00   | cum  | 10.00 | 600.00     | 216000.00  | 1000.00    | 360000.00  | 700.00     | 252000.00  | 459.00     | 165240.00  |
| 18.00 | Dismantling manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge :<br>Water bound macadam road                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1000.00  | sqm  | 10.00 | 180.00     | 180000.00  | 250.00     | 250000.00  | 45.00      | 45000.00   | 38.00      | 38000.00   |
| 19.00 | Dismantling manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge :<br>bituminous road                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1000.00  | sqm  | 10.00 | 180.00     | 180000.00  | 350.00     | 350000.00  | 65.00      | 65000.00   | 38.00      | 38000.00   |
| 20.00 | Consolidating with power road roller of 8 to 12 tonne capacity including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earthwith lead upto 50 metres                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 25200.00 | sqm  | 10.00 | 4.50       | 113400.00  | 9.00       | 226800.00  | 23.00      | 579600.00  | 18.00      | 453600.00  |
| 21.00 | Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 24.00    | cum  | 10.00 | 10300.00   | 247200.00  | 12300.00   | 295200.00  | 16000.00   | 384000.00  | 14152.00   | 339648.00  |
| 22.00 | Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc. of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand, complete all as per direction of Engineer-in-Charge.<br>60mm thick cement concrete paver block of M-35 grade with approved colour, design & pattern.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5000.00  | sqm  | 10.00 | 1170.00    | 585000.00  | 1250.00    | 625000.00  | 1240.00    | 620000.00  | 1568.00    | 784000.00  |
| 23.00 | Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc. of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand, complete all as per direction of Engineer-in-Charge.<br>80 mm thick C.C. paver block of M-30 grade with approved color design and pattern.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 160.00   | sqm  | 10.00 | 1350.00    | 216000.00  | 1450.00    | 232000.00  | 1295.00    | 207200.00  | 1695.00    | 271200.00  |
| 24.00 | Design, Engineering, Fabrication & Supply & Installation<br>Testang and commissioning of Frangible hut of size 6.30 x3.20 with ridge height upto 3.60 m wrth required accessories for housing NAV AID equipments /ILS equipments in operational area at the airport as per drawing and specifications enclosed, over a C.C. platform and i/c following arrangements. 1. for installation, wall and Roofing panels shall have 2 mm FRP sheet from both sides and 46 mm CFC free Puf at a density of 40+/-2 KG/M3. All panels shall have tounge and grove jointing system with PVC cam lock. 2. Provision of one partition wall with lockable door of size 1.05x2 m to be made for separation of Batery room & Equipment installations including provision of Main entrance single door of size 1.05 x2 m with lockable arrangement and door opening outward with three hinges. 3. Provision of Exhaust fan in batery room. Flooring made of aluminum chequered plate 3 mm thick with 2mm anti static mat over the aluminum chequered plate floor. 4. Outside shelter shall be painted red & white colour checkered and inside painting with white colour. 5. Full canopy of width 600 mm over the door all along the width of the shelter shall be provided. 6. Frangible shelter/ Hut must conform to ICAO guidelines on frangibility, Attachment C' and ICAO Aerodrome Design Manual Part 6 Frangibility ( DOC 9157 ). 7. The shelter Strucure design and details of drawing have to be got vetted and certified from reputed instatutions such as IIT, NIT & Govt Engg. college for complying under ICAO norms. 8. Providing 3.0 m hight Aluminium ladder as per manufacture specification. 9. The rate shall be inclusive of all costs of material, labour, T&P, scaffolding, fixing /anchorage arrangement for electrical fittings and fixtures, electrical conduits, all taxes, duties, mrcidental, surcharges, Octror, serytce tax, Royalty, Transportation, handling charges, Watch & ward, consultant fees etc. all complete as per directron & satisfaction of Engineer-in Charge.<br>Note- Foundation upto plinth level (C C platform ) for frangible hut is not included in this item. | 1.00     | Each | 10.00 | 2051520.00 | 2051520.00 | 3050000.00 | 3050000.00 | 2075000.00 | 2075000.00 | 2150000.00 | 2150000.00 |

Total in Figures

20157420.00

22973300.00

21707725.00

25499998.00

Lowest Amount Quoted BY: Island Agency(20157420.00)

Signature Not Verified

Digitally signed by MAJITHA  
Date: 2022.04.08 16:43:37 IST  
Location: eProcurement System for Central PSUs