



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA
Dimapur Airport

स: एएआई/एनईआर/डीएमपी/डीजीएम (ई-सी/ वाटर प्रूफिंग/25-26/
No.: AAI/NER/DMP/DGM(E-C)/ Water proofing /25-26/ 20

दिनांक: 03.04.2025
Date : 03.04.2025

सेवा में,
मेसर्स एचएच कंपनी ठेकेदार और आपूर्तिकर्ता,
पंजीकृत संख्या एनपीडब्ल्यू/क्लास-1/991,
मकान संख्या 21, एरालिबिल गांव,
दीमापुर: नागालैंड-797115।

To,
M/s HH Co. Contractor and Supplier,
Reg. No. NPW/Class-I/991, H.No. 21,
Eralibill Village, Dimapur: Nagaland-
797115.

कार्य का नाम: दीमापुर हवाई अड्डे पर टर्मिनल भवन और अन्य संबद्ध भवन की आर.सी.सी. छत के लिए जलरोधी उपचार।

Name of Work: Waterproofing Treatment for R.C.C Roof of Terminal Building and other associated Building at Dimapur Airport.

निविदा आईडी /Tender ID : - 2025_AAI_227770_1 dated: 24.02.2025

महोदय/Sir,

1. उपर्युक्त कार्य के लिए आपका ई-टेंडर अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से आपके द्वारा उद्धृत मद दर पर स्वीकार किया जाता है, जिसकी कुल कीमत 1,06,08,989.90 रुपये (एक करोड़ छह लाख आठ हजार नौ सौ अस्सी मात्र) है, जो कि टेंडर में रखी गई अनुमानित लागत 1,42,25,000.00 रुपये से 25.42% कम है।

Your E-tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at the item rate quoted by you totalling to Rs. 1,06,08,989.90 (Rupees One Crore Six Lakhs Eight Thousand Nine Hundred Eighty Nine and ninety paise Only) which is 25.42% below the estimated cost put to tender of Rs. 1,42,25,000.00/-.

2. उप महाप्रबंधक (अभि.- सिविल), एएआई दीमापुर हवाई अड्डा, इस कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि अनुबंध करार को पूरा करने एवं हस्ताक्षर करने के लिए आप दिनांक 10.04.2025 तक उप महाप्रबंधक (अभि.- सिविल), एएआई, दीमापुर हवाई अड्डा के कार्यालय में उपस्थित हों। अनुबंध करार 100 (सौ रूपए) के गैर-न्यायिक स्टांप पेपर पर होगा एवं स्टांप पेपर का खर्च आपके द्वारा वहन किया जाएगा।

DGM General Manager (Engg.-Civil), AAI, Dimapur Airport shall be the Engineer-in-charge of the work. You are requested to attend the office of DGM (Engg.-Civil), AAI Dimapur Airport by 11.04.2025 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. आपके टेंडर के साथ प्राप्त की गई बयाना राशि 4,26,750.00 रुपये (चार लाख छब्बीस हजार सात सौ पचास रुपये मात्र) को अनुबंध दस्तावेज के पृष्ठ 16 पर खंड संख्या 1ए की शर्त के अनुसार सुरक्षा जमा के एक भाग के रूप में माना जाएगा और परिवर्तित किया जाएगा। कृपया इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर सुरक्षा जमा के रूप में 6,34,149.00 रुपये (छह लाख चौत्तीस हजार एक सौ उनचास रुपये मात्र) जमा करें, अन्यथा जीसीसी के पृष्ठ 16 पर खंड संख्या 1ए की शर्त के अनुसार राशि काट ली जाएगी।

The Earnest money amount of Rs. 4,26,750.00 (Rupees Four Lakhs Twenty-Six Thousand Seven Hundred Fifty only) received along with your Tender will be treated and converted as a part of Security Deposit as per condition of clause no. 1A on page – 16 of Contract Document. Please deposit Rs. 6,34,149.00 (Rupees Six Lakhs Thirty-Four Thousand One Hundred Forty-Nine only) towards security deposit within 10 days from the date of issue of this letter failing which, the same will be deducted as per condition of Clause no. 1A at page no. 16 of GCC.

4. निवेदन है कि आप श्रम अनुबंध (विनियम एवं उन्मूलन) अधिनियम 1970 एवं श्रम अनुबंध (विनियम एवं उन्मूलन) केन्द्रीय नियम 1971, बाल श्रम (विनियम एवं निषेध) अधिनियम 1986, निर्माण मजदूर (रोजगार विनियम एवं सेवा शर्त) अधिनियम 1996, भवन एवं अन्य निर्माण मजदूर कल्याण अधिनियम 1996 का पालन करेंगे, जोकि केन्द्र एवं राज्य सरकार के टेंडर के पृष्ठ संख्या 49 जीसीसी के अनुच्छेद 19 पर दर्शाए गए हैं।

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 Condition of Service) Act 1996, Building and other construction Workers Welfare Cess Act 1996 as specified in Clause 19 on page no. 49 of GCC of tender and rules of Central and State Government.

5. आपको निर्देश दिए जाते हैं कि आप शीघ्रातिशीघ्र वरिष्ठ प्रबंधक (अभि.- सिविल), से सम्पर्क करें जोकि आपको साइट को सौंपने का प्रबंध करेंगे।

You are also directed to contact SM (Engg.-Civil)- immediately who will arrange to hand over the site.

6. कृपया ध्यान दें कि कार्य पूरा करने के लिए 05 (पांच) महीने का समय दिया जाएगा और इसकी गणना इस पत्र के जारी होने के 10वें दिन से या वास्तविक साइट पर कब्जा लेने के बाद, जो भी पहले हो, से माना जाएगा।

Please note that the time allowed for carrying out the work shall be 05(Five) months and same shall be reckoned from the 10th day after issue of this letter or actual site taken over whichever is earlier.

7. इस करार के संबंध में भविष्य में होने वाले सभी पत्राचार प्रभारी अभियंता को संबोधित किया जाए।

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

(Handwritten signature)



8. कृपया इस पत्र की पावती भेजें एवं सलग्न प्रतिलिपि पर हस्ताक्षर करके स्वीकृति के प्रमाणस्वरूप अधोहस्ताक्षरी को वापिस भेजें।

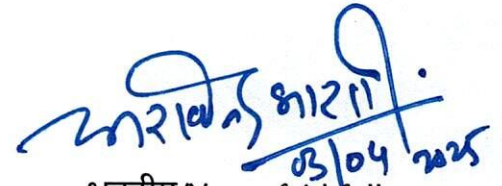
Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after signing it to the undersigned as a token of acceptance.

9. किसी भी विवाद की स्थिति में पाठ का अंग्रेजी रूप मान्य होगा।

If case of difference or ambiguity in Hindi and English version, the English version will prevail.

धन्यवाद,

Thanking you,


भवदीय/Yours faithfully,

उप महाप्रबंधक (अभि°-सिविल) / DGM (Engg. - Civil)
अध्यक्ष, ए ए आई की ओर से तथा उनके लिए/For and on behalf of the Chairman, AAI

संलग्न:- मात्राओं की अनुसूची

Enclosed: - Schedule of Quantities

Validate

Print

Help

Item Rate BoQ

Tender Inviting Authority: SM(E-C) AAI, Dimapur Airport.

Name of Work: "Water Proofing Treatment for R.C.C Roof of Terminal Building and other associated Building at Dimapur Airport."

Contract No: 2025_AAI_227770_1

Name of the Bidder/ Bidding

H.H. CO. CONTRACTOR & SUPPLIER

PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #
Sl. No.	Item Description	Quantity	Units	RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT in Rs. P
1	2	4	5	7	8
1	Dismantling APP (Atactic Polypropylene Polymer) modified prefabricated five layer, 3 mm thick water proofing membrane, black finished reinforced with glass fibre matt consisting of a coat of bitumen primer for bitumen membrane As per satisfaction and direction of E.I.C.	5520.00	sqm	344.90	1903848.00
2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.	20.00	cum	955.70	19114.00
3	Demolishing brick tile covering in terracing including stacking of serviceable material and disposal of unserviceable material within 50 metres lead. (Brick coba in terrace)	1380.00	sqm	55.30	76314.00
4	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead	100.00	sqm	27.00	2700.00
5	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge 15 mm to 40 mm nominal bore	30.00	metre	65.20	1956.00
6	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge Above 40 mm nominal bore	300.00	metre	89.60	26880.00
7	Providing and injecting approved grout in proportion recommended by the manufacturer into cracks/honey-comb area of concrete/masonry by suitable gun/pump at required pressure including cutting of nipples after curing etc. complete as per directions of Engineer-in-Charge. (The payment shall be made on the basis of actual weight of approved grout injected.)Epoxy injection grout in concrete/RCC work of approved make	1500.00	Kg	791.30	1186950.00
8	Providing and applying fibre reinforced elastomeric liquid water proofing membrane with resilient acrylic polymers having Sun Reflectivity Index (SRI) of 105 on top of concrete roof in three coats @10.76 litre/ 10 sqm. One coat of self-priming of elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dry film thickness of complete application/system not less than 500 microns). The operation shall be carried out after scrapping and properly cleaning the surface to remove loose particles with wire brushes, complete in all respect as per the direction of Engineerin-Charge.	5520.00	sqm	444.60	2454192.00
9	Grading roof for water proofing treatment with:Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	230.00	cum	8027.30	1846279.00
10	Providing and fixing glass strips in joints of terrazzo/ cement concrete floors.40 mm wide and 4 mm thick	8310.00	meter	17.20	142932.00
11	Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer, 3 mm thick water proofing membrane, black finished reinforced with glass fibre matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/sqm by the same membrane manufactured of density at 25°C, 0.87 - 0.89 kg/litre and viscosity 70 - 160 cps. Over the primer coat the layer of membrane shall be laid using butane torch and sealing all joints etc., and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under : Joint strength in longitudinal and transverse direction at 23°C as 350/300 N/5 cm. Tear strength in longitudinal and transverse direction as 60/80N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D - 5147. The laying of membrane shall be got done through the authorised applicator of the manufacturer of membrane : 3 mm ThickNote: 10% of total value of item shall be withheld for 5 years as a guarantee of Water Proofing Work.	400.00	Sqm	445.30	178120.00

2021/05/31/2021

Sl. No.	Item Description	Quantity	Units	RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT in Rs. P
12	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations: (a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment. (b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs(c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineerin- charge. . d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineerin- charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test."All above operations to be done in order and as directed and specified by the Engineer-in-Charge : With average thickness of 120 mm and minimum thickness at khurra as 65 mm.	1400.00	sqm	942.40	1319360.00
13	Making khurras 45x45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over P.V.C. sheet 1mx1mx400 micron, finished with 12mm cement plaster 1:3 (1 cement :3 coarse sand) and a coat of neat cement, rounding the edges and making and finishing the outlet complete.	30.00	each	216.30	6489.00
14	Providing and fixing of expansion joint system of approved make and manufactures for various roof locations as per approved drawings and direction of Engineer-In-Charge. The joints shall be of extruded aluminum base members with, self aligning and self centering arrangement support plates asper ASTM B221-02. The system shall be such that it provides watertight roof to roof/roof to corner joint cover expansion control system that is capable of accommodating multidirectional seismic movement without stress to its components. System shall consist of metal profile that incorporates a universal aluminum base member designed to accommodate various project conditions and roof treatments. The cover plate shall be designed of width and thickness required to satisfy movement and loading requirements and secured to base members by utilizing manufacturer's pre-engineered self-centering arrangement that freely rotates / moves in all directions. The Self centering arrangement shall exhibit circular sphere ends that lock and slide inside the corresponding aluminum extrusion cavity to allow freedom of movement and flexure in all directions including vertical displacement. The Joint System shall resists damage or deterioration from the impact of falling ice, exposure to UV, airborne contaminants and occasional foot traffic from maintenance personnel. Provision of Moisture Barrier Membrane in the Joint System to have water tight joint is mandatory requirement. (Material shall confirm to ASTM 6063.) Roof Joint of 100 mm gap	120.00	mtr	4064.90	487788.00
15	Repair to plaster of thickness 12mm to 20 mm in patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer-In- Charge.	100.00	Sqm	382.80	38280.00
16	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) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	20.00	cum	8195.92	163918.40
17	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work 25 mm dia nominal bore	30.00	metre	366.20	10986.00
18	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work 50 mm dia nominal bore	230.00	metre	600.80	138184.00
19	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work 80 mm dia nominal bore	170.00	metre	929.30	157981.00
20	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :25 mm nominal bore	10.00	each	589.70	5897.00
21	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :50 mm nominal bore	10.00	each	899.60	8996.00

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Sl. No.	Item Description	Quantity	Units	RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT in Rs. P
22	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :80 mm nominal bore	10.00	each	2455.60	24556.00
23	Providing and fixing gun metal non- return valve of approved quality (screwed end) : 80 mm nominal bore Horizontal	2.00	each	2557.00	5114.00
24	Providing and fixing gun metal non- return valve of approved quality (screwed end) : 80 mm nominal bore Vertical	4.00	each	4175.60	16702.40
25	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) :25 mm nominal bore	4.00	each	343.00	1372.00
26	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) :50 mm nominal bore	15.00	each	619.50	9292.50
27	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) :80 mm nominal bore	10.00	each	909.60	9096.00
28	Painting G.I. pipes and fittings with two coats of anti-corrosive bitumastic paint of approved quality : 25 mm diameter pipe	30.00	metre	19.40	582.00
29	Painting G.I. pipes and fittings with two coats of anti-corrosive bitumastic paint of approved quality : 50 mm diameter pipe	230.00	metre	20.70	4761.00
30	Painting G.I. pipes and fittings with two coats of anti-corrosive bitumastic paint of approved quality :80 mm diameter pipe	170.00	metre	32.00	5440.00
31	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including	350.00	sqm	899.10	314685.00
32	Taking away of Dismantalled GI pipe,ms item etc. as per direction of E.I.C	1910.00	Kg	21.06	40224.60
Total in Figures					10608989.90
Quoted Rate in Words		INR One Crore Six Lakh Eight Thousand Nine Hundred & Eighty Nine and Paise Ninety Only			

Arvind Kumar Bhatt
DGM(Engg-C)
AAI,Dimapur Airport

03/4/2025