



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

दिनांक / DATE 25/08/2022

संदर्भ सं / Ref. No. AAI/BD/Engg(C)/Minor Capital Works FY 22-23 (Toilet & Facelifting)/W.O.-04/22-23/1562-1568

To
M/s Youngmen Traders,
P-27/1, Rashtraguru Avenue,
Dum Dum,
Kolkata – 700028.

Sub: - Misc. Minor Capital Works FY 2022-23. S.H.: - Renovation of first floor pre-security check area toilet and facelifting work in Terminal Building at Bagdogra Airport.

**Ref: - Your E-Bid opened on 18/08/2022
[Open Tender ID: 2022_AAI_122987_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. 53,37,320.65 (Rupees Fifty Three Lacs Thirty Seven Thousand Three Hundred Twenty and Sixty Five Paise Only)** which is **31.52%** below the estimated cost put to tender of Rs. 77,94,216.63.
2. Asstt. Gen. Manager (E-C), AAI, Bagdogra Airport shall be the Engineer-in-charge of the work. You are requested to attend the office of Asstt. Gen. Manager (E-C), AAI, Bagdogra Airport, Dist.- Darjeeling, Pin: - 734421 by **04/09/2022** 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. 1,55,884.00 (Rupees One Lac Fifty Five Thousand Eight Hundred Eighty Four Only)** received along with your tender has been converted as part of **Security Deposit**, as per **condition 1A on page 16** of the **General Conditions of Contract**. Please deposit **Rs. 3,77,848.00 (Rupees Three Lacs Seventy Seven Thousand Eight Hundred Forty Eight 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 Conditions 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.

(Signature)

5. You are also directed to contact **The Manager (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 **04 (Four) Months** and same shall be reckoned from the tenth 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-

(Ashwini Kumar)
Asst. General Manager (E-C),
Airports Authority of India,
Bagdogra Airport
For and on behalf of the Chairman,

N. O. O:

Copy to: -

1. GM (Engg), AAI, NSCBI Airport, Kolkata - 700052.
2. GM (F&A), AAI, NSCBI Airport, Kolkata - 700052.
3. Airport Director, AAI, Bagdogra Airport - 734421.
4. Mgr. Engg. (Civil), AAI, Bagdogra Airport - 734421.
5. The Labour Enforcement Officer (Central) Siliguri Office of the Asst. Labour Commissioner (Central), Choudhury Complex, Near New Masjid, Burdwan Road, Siliguri-734001.
6. Employees Provident Fund Organization, Bhavishyanidhi Bhawan, Hill Cart Rd, Ward 1, Patiram Jote, Siliguri, West Bengal-734001.
7. Income Tax Office, Paribahan Nagar, Matigara, Siliguri, Pin - 734010.
8. Agreement Copy.
9. Work File.


(Ashwini Kumar)
Asst. General Manager (E-C),
Airports Authority of India,
Bagdogra Airport
For and on behalf of the Chairman,

SCHEDULE OF QUANTITIES

Name of work :- Misc. Minor Capital Works FY 2022-23. S.H.: - Renovation of first floor pre-security check area toilet and facelifting work in Terminal Building at Bagdogra Airport.

Item No.	Description	Unit	Qty.	Rate	Amount
1	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	cum	1.40	890.00	1246.00
2	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) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources).	cum	1.58	4700.00	7426.00
3	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	cum	0.48	5100.00	2448.00
4	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	kg	81.00	65.00	5265.00
5	Centering and shuttering including strutting, propping etc. and removal of form for: Lintels, beams, plinth beams, girders, bressumers and cantilevers.	sqm	5.63	175.00	985.25
6	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:4 (1 cement : 4 coarse sand).	cum	1.00	4800.00	4800.00
7	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:4 (1 cement :4 coarse sand).	sqm	4.62	750.00	3465.00
8	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite stone slab colour black, Cherry/Ruby red. Area of slab over 0.50 sqm.	sqm	5.25	2400.00	12600.00



Item No.	Description	Unit	Qty.	Rate	Amount
9	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	kg	58.80	575.00	33810.00
10	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm.	sqm	52.00	950.00	49400.00
11	Providing and laying flamed finish Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge : Flamed finish granite stone slab Jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.	sqm	113.28	2200.00	249216.00
12	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. 110 mm diameter.	metre	40.00	225.00	9000.00
13	Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Single tee with door. 110x110x110 mm.	Each	10.00	200.00	2000.00
14	Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Single tee without door. 110x110x110 mm.	Each	10.00	175.00	1750.00

Item No.	Description	Unit	Qty.	Rate	Amount
15	Providing and fixing GI Clip in Metal Ceiling System of 600x600 mm module which includes providing and fixing 'C' wall angle of size 20x30x20 mm made of 0.5 mm thick pre painted steel along the perimeter of the room with help of nylon sleeves and wooden screws at 300 mm center to centre, suspending the main C carrier of size 10x38x10 mm made of G.I steel 0.7 mm thick from the soffit with help of soffit cleat 37x27x25x1.6 mm, rawl plugs of size 38x12 mm and C carrier suspension clip and main carrier bracket at 1000 mm c/c. Inverted triangle shaped Spring Tee having height of 24 mm and width of 34 mm made of GI steel 0.45 mm thick is then fixed to the main C carrier and in direction perpendicular to it at 600 mm centers with help of suspension brackets. Wherever the main C carrier and spring T have to join, C carrier and spring T connectors have to be used. All sections to be galvanized @ 120 gms/sqm (both side inclusive), fixing with clip in tiles into spring T with : GI Metal Ceiling Clip in plain Beveled edge global white color tiles of size 600x600 and 0.5 mm thick with 25 mm height, made of G I sheet having galvanizing of 100 gms/ sqm (both sides inclusive) and 20% perforation area with 1.8 mm dia holes and having NRC of 0.5, electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending and perforation.	sqm	1298.22	1500.00	1947330.00
16	12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand).	sqm	100.00	225.00	22500.00
17	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 fine sand).	sqm	100.00	250.00	25000.00
18	6 mm cement plaster of mix : 1:3 (1 cement : 3 fine sand).	sqm	100.00	150.00	15000.00
19	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade : Two or more coats on new work.	sqm	200.00	95.00	19000.00
20	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work.	sqm	250.00	65.00	16250.00
21	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	cum	0.18	700.00	126.00
22	Demolishing brick work 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. In cement mortar.	cum	1.00	500.00	500.00
23	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge.	sqm	1350.22	20.00	27004.40

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Item No.	Description	Unit	Qty.	Rate	Amount
24	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests.	each	2.00	3200.00	6400.00
25	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Flexible pipe. 32 mm dia.	each	11.00	50.00	550.00
26	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. 20 mm nominal dia Pipes.	metre	24.00	275.00	6600.00
27	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. 25 mm nominal dia Pipes.	metre	24.00	325.00	7800.00
28	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. 32 mm nominal dia Pipes.	metre	24.00	425.00	10200.00

Item No.	Description	Unit	Qty.	Rate	Amount
29	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For fixed portion. Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15).	kg	315.12	425.00	133926.00
30	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately). Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15).	kg	50.00	475.00	23750.00
31	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS:12823 Grade I Type II, in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge. Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side.	sqm	40.00	850.00	34000.00
32	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm).	sqm	60.00	1050.00	63000.00

Item No.	Description	Unit	Qty.	Rate	Amount
33	Providing and fixing false ceiling at all heights with integral densified calcium silicate reinforced with fibre and natural filler false ceiling tiles of Size 595x595mm of approved texture, design and patterns as per CPWD Specification 2019, to be laid in true horizontal level suspended on interlocking metal T-Grid of hot dipped galvanized iron section of 0.33mm thick (galvanized @ 120 grams per sqm including both sides) comprising of main-T runners of size 24x38 mm of length 3000 mm, cross - T of size 24x32 mm of length 1200 mm and secondary intermediate cross-T of size 24x32 mm of length 600mm to form grid module of size 600 x 600 mm, suspended from ceiling using galvanized mild steel items (galvanizing @ 80 grams per sqm) i.e. 12x50 mm long dash fasteners, 6 mm dia fully threaded hanger rod upto 1000 mm length and L-shape level adjuster of size 76x25x25x1.6 mm fixed with grid and Z cleat of size 25x37x25x1.6mm thick with precut hole on both 25mm flange to pierce into 12x50mm or even bigger size dash fastener if require, fixed with Glavanised iron perimeter wall angle or size 24x24x0.40 mm of length 3000 mm to be fixed on periphery wall / partition with the help of plastic rawl plugs at 450mm center to center and 40 mm long dry wall S.S screws. The work shall be carried out as per specifications, drawing and as per direction of the Engineer-in-Charge. With 15 mm thick Tegular edged light weight calcium silicate false ceiling tiles.	sqm	52.00	1400.00	72800.00
34	Providing and fixing VIVO Crema/ VIVO Mushroom/ VIVO HL Wall Tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	sqm	178.58	1050.00	187509.00
35	Providing and fixing Jaquar wall mounted WC with seat cover, hinges, accessories set (SLS-WHT-6953BI) of size 360x520x405 mm or equivalent, Jaquar concealed flushing cistern (Cat No. JCS-WHT-2400S) manually controlled with Jaquar flush plate of Model No. JCP-CHR-152415 or equivalent, with all fittings and fixtures in approved colour complete including cutting and making good the walls and floors wherever required.	each	4.00	15000.00	60000.00
36	Providing and fixing Jaquar Under Counter basin (Cat No. - CNS-WHT-705) of size 595x420x200 mm or equivalent, Jaquar's pillar cock with auto closing system (Code No. - PRS-031) or equivalent, 32 mm dia C.P. brass waste coupling of Jaquar's make or equivalent, including painting of fittings and brackets, cutting and making good the walls wherever required.	each	7.00	4200.00	29400.00
37	Providing and fixing Jaquar sensor operated urinal (Cat No. - URS-WHT-13255) of size 480x300x740 mm or equivalent sensor code - SNR-CHR-51097 having water inlet from back side, including fixing to wall with suitable brackets all as per manufacturers specification and direction of Engineer-in-charge.	each	4.00	16000.00	64000.00

Item No.	Description	Unit	Qty.	Rate	Amount
38	Providing and fixing Jaquar handshower (Health Faucet with brass handle and tube) (Cat No. - ALD-573) with 8mm dia, 1.2 meter long flexible tube and wall hook or equivalent.	each	6.00	1250.00	7500.00
39	Providing and fixing Jaquar's Bib Cock two in one (Cat No. - CON-041KN) or equivalent. 15mm nominal bore.	each	6.00	1100.00	6600.00
40	Providing and fixing Jaquar's toilet paper holder with flap (Cat No. - ACN-1153S) or equivalent.	each	6.00	1050.00	6300.00
41	Providing and fixing Modular toilet i.e. Rest room cubicles of Merino Besco or equivalent Model Type Titan SS Series, Thickness of compact laminate = 12mm and size of cubicle is 1000mm (W) X 1550mm (D) X 1980mm (H), Door Size : 1750mm (H) X 610mm (W) and Overall Height Of Cubicle : 1980 mm (Including bottom Gap of 150mm) as per design and drawing and as per direction of engineering-in-charge.	each	6.00	36000.00	216000.00
42	Providing and fixing mirror of superior glass (Modi Guard or equivalent make) and of required shape and size with 6 mm thick hard board backing.	sqm	9.27	800.00	7416.00
43	Providing and fixing Mdesty panel system for Urinal partitions of Merino Bosco or Equivalent consisting of high pressure 12mm thick compact laminate board as per IS 2046 (Indian Standards) and a per fire retardant BS-476/97 standards with phenolic core panels for partitions of intermediate divider of required colour and shade. The Partition shall have dimensions of 450mm width x 1200mm Height with stainless steel (SS) 304 Grade accessories such as right angle brackets SS Screws & PVC Wall plugs etc. complete as per direction of Engineer- in-charge.	each	3.00	5500.00	16500.00
44	Providing & fixing in position 3mm thick Aluminum composite panels in external face, column / wall cladding and canopy ceiling of approved make comprising virgin polyethylene core sandwiched between two skins of 0.25mm thick. Fixing of surface cladding to masonry / concrete faces / steel structure as called for (straight/slope and curvilinear profile and shapes), fixed on appropriate and adequate frame work of aluminium tubular sections (aluminium frame work to be paid separately) including all accessories and all incidental work. The cladding shall be done in accordance with the drawings, fixed to sides and faces of columns/ piers, to sills and soffits of window opening, returned over coping, to RCC / structural steel system, etc, to line and level. The joints shall be properly sealed with approved silicon sealant to make the joints watertight and weather proof including, fixing over aluminium frame using mechanical fasteners such as Aluminum cleats and stainless steel fasteners all complete as approved by the Engineer-in-charge. The work shall be completed as per specification and directions of Engineer-in-charge.	sqm	423.03	1600.00	676848.00
45	Providing and fixing SS 316 Marine Grade Tactile Indicator Warning Stud with Concentric Circles Pattern on Top (ET-WTS001) (Size 35x25x4.5 mm) having 1 no. of stem: 6mm X 12mm EMINENT TACTILES brand make by EMINENT OVERSEAS. as per manufacturers design/specification complying with standards as specified in NBC 2016 including installation cost (Drilling hole, Adhesive, fixing & Cleaning). Standard epoxy & Hardened based adhesive cost is considered in the given price per hole.	each	540.00	65.00	35100.00

Item No.	Description	Unit	Qty.	Rate	Amount
46	Providing and fixing SS 316 Marine Grade Matt Finish Tactile Indicator Directional Strip with Linear Pattern on Top (ET-DTS001) (Size 280 x 35 x 25 x 4.5 mm) having 3 No. of stem: 6mm X 12mm. EMINENT TACTILES brand make by EMINENT OVERSEAS. as per manufacturers design/specification complying with standards as specified in NBC 2016 including installation cost (Drilling hole, Adhesive, fixing & Cleaning). Standard epoxy & Hardenred based adhesive cost is considered in the given price per hole.	each	3720.00	325.00	1209000.00
				Total Rs.	5337320.65

(Rupees Fifty Three Lacs Thirty Seven Thousand Three Hundred Twenty and Sixty Five Paise Only)


(Ashwini Kumar)

AGM (E-C)

AAI, Bagdogra Airport