

Government eProcurement System
Created By: Amit Kumar
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Tender Title: Renovation of Arrival Lounge and Replacement of Roof Sheets of Fire Station Parking Shed and Other Miscellaneous Works at Ludhiana Airport, Ludhiana.
Tender ID: 2020_AAI_48091_1

Tender Inviting Authority: Senior Manager (Civil), AAI, Adampur Airport, Jalandhar.

Name of Work: Renovation of Arrival Lounge and Replacement Of Roof Sheets of Fire Station Parking Shed and Other Miscellaneous Works at Ludhiana Airport, Ludhiana.

Contract No: 2020_AAI_48091_1

SCHEDULE OF WORK / ITEM(S)

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	S S BUILDERS		ANUJ ABROL CONTRACTOR		sandeep singh rana		buoyant industries private limited	
					Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
1.00	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineerin- charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	945.00	Sqm		560.00	529200.00	650.00	614250.00	530.00	500850.00	721.68	681987.60
2.00	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+ 0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete : Gutter .(600 mm over all girth)	95.00	Mtr		530.00	50350.00	650.00	61750.00	650.00	61750.00	423.89	40269.55
3.00	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+ 0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete : Ridges plain (500 - 600mm).	46.00	Mtr		530.00	24380.00	650.00	29900.00	310.00	14260.00	478.75	22022.50
4.00	Providing and fixing thermal insulation of ceiling (under deck insulation) with Resin Bonded Rockwool conforming to IS: 8183, density 48 kg/ m3, 50 mm thick, wrapped in 200 G Virgin Polythene bags fixed to ceiling with metallic cleats (50x50x3 mm) @ 60 cm and wire mesh of 12.5mm x 24 gauge wire mesh, for top most ceiling of building.	255.00	sqm		360.00	91800.00	150.00	38250.00	180.00	45900.00	628.36	160231.80

L1 Amount	L1 Vendor
500850.00	sandee p singh rana
40269.55	buoyant industries private limited
14260.00	sandee p singh rana
38250.00	ANUJ ABROL CONTRACTOR

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					Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
5.00	Providing and Fixing 15 mm thick densified tegular edged eco friendly light weight calcium silicate false ceiling tiles of approved texture of size 595 x 595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanised steel sections (galvanising @ 120 grams per sqm including both side) consisting of main 'T' runner suitably spaced at joints to get required length and of size 24x38 mm made from 0.33 mm thick (minimum) sheet, spaced 1200 mm centre to centre, and cross "T" of size 24x28 mm made out of 0.33 mm (Minimum) sheet, 1200 mm long spaced between main 'T' at 600 mm centre to centre to form a grid of 1200x600 mm and secondary cross 'T' of length 600 mm and size 24 x28 mm made of 0.33 mm thick (Minimum) sheet to be inter locked at middle of the 1200x 600 mm panel to from grid of size 600x600 mm, resting on periphery walls /partitions on a Perimeter wall angle pre-coated steel of size(24x24X3000 mm made of 0.40 mm thick (minimum) sheet with the help of rawl plugs at 450 mm centre to centre with 25 mm long dry wall screws @ 230 mm interval and laying 15 mm thick densified edges calicum silicate ceiling tiles of approved texture in the grid, including, cutting/ making opening"for services like diffusers, grills, light fittings, fixtures, smoke detectors etc., wherever required. Main 'T' runners to be	195.00	Sqm		1300.00	253500.00	1500.00	292500.00	950.00	185250.00	1890.55	368657.25
6.00	12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	51.00	sqm		200.00	10200.00	100.00	5100.00	140.00	7140.00	306.88	15650.88
7.00	15 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	50.00	sqm		200.00	10000.00	100.00	5000.00	160.00	8000.00	354.08	17704.00
8.00	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per directions of Engineer-In-Charge. With cement mortar 1:4 (1 cement : 4 fine sand)	101.00	sqm		220.00	22220.00	100.00	10100.00	220.00	22220.00	480.47	48527.47
9.00	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	253.00	sqm		15.00	3795.00	20.00	5060.00	5.00	1265.00	20.99	5310.47

L1 Amount	L1 Vendor
185250.00	sandee p singh rana
5100.00	ANUJ ABROL CONTR ACTOR
5000.00	ANUJ ABROL CONTR ACTOR
10100.00	ANUJ ABROL CONTR ACTOR
1265.00	sandee p singh rana

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					Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount		
10.00	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	507.00	sqm		80.00	40560.00	18.00	9126.00	50.00	25350.00	132.43	67142.01	9126.00	ANUJ ABROL CONTRACTOR
11.00	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications : ... Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of Special primer applied @ 0.75 ltr /10 sqm	507.00	sqm		95.00	48165.00	70.00	35490.00	60.00	30420.00	163.53	82909.71	30420.00	sandeep singh rana
12.00	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of: ... Asbestos Sheet	580.00	Sqm		40.00	23200.00	5.00	2900.00	25.00	14500.00	65.44	37955.20	2900.00	ANUJ ABROL CONTRACTOR
13.00	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : ... Of area 3 sq. metres and below	25.00	each		200.00	5000.00	60.00	1500.00	100.00	2500.00	315.68	7892.00	1500.00	ANUJ ABROL CONTRACTOR
14.00	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material within 50 meters lead as directed by Engineer-in-charge.	200.00	sqm		20.00	4000.00	10.00	2000.00	20.00	4000.00	48.30	9660.00	2000.00	ANUJ ABROL CONTRACTOR
15.00	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading,transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	10.00	cum		200.00	2000.00	100.00	1000.00	80.00	800.00	159.68	1596.80	800.00	sandeep singh rana
16.00	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	5.00	cum		600.00	3000.00	80.00	400.00	500.00	2500.00	1690.39	8451.95	400.00	ANUJ ABROL CONTRACTOR
17.00	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).	45.00	cum		4000.00	180000.00	3000.00	135000.00	3200.00	144000.00	6658.04	299611.80	135000.00	ANUJ ABROL CONTRACTOR

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					Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount		
18.00	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.	3386.00	Kg		80.00	270880.00	70.00	237020.00	65.00	220090.00	117.02	396229.72	220090.00	sandee p singh rana
19.00	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Electric resistance or induction butt welded tubes	460.00	Kg		90.00	41400.00	70.00	32200.00	80.00	36800.00	148.75	68425.00	32200.00	ANUJ ABROL CONTRACTOR
20.00	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: ... Cement mortar 1:6 (1 cement : 6 coarse sand)	5.00	cum		4500.00	22500.00	4500.00	22500.00	4000.00	20000.00	7081.07	35405.35	20000.00	sandee p singh rana
21.00	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 @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. ... Size of Tile 600x600 mm	180.00	sqm		870.00	156600.00	800.00	144000.00	750.00	135000.00	1725.63	310613.40	135000.00	sandee p singh rana
22.00	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joint with white cement & matching pigments etc. complete. ... Size of Tile 600x600 mm	15.00	sqm		900.00	13500.00	800.00	12000.00	800.00	12000.00	1777.73	26665.95	12000.00	sandee p singh rana, ANUJ ABROL CONTRACTOR
23.00	Deduct for not grouting the joints with white cement and matching pigment in the items of fixing of vitrified tiles.	195.00	sqm		20.00	3900.00	5.00	975.00	2.00	390.00	12.65	2466.75	390.00	sandee p singh rana
24.00	Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete as per direction of Engineer-in-charge. ... Size of Tile 600x600 mm sqm	195.00	sqm		120.00	23400.00	10.00	1950.00	100.00	19500.00	277.67	54145.65	1950.00	ANUJ ABROL CONTRACTOR

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25.00	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. ... Powder coated aluminium (minimum thickness of powder coating 50 micron)	733.00	kg		360.00	263880.00	450.00	329850.00	280.00	205240.00	524.75	384641.75
26.00	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). ... Powder coated aluminium (minimum thickness of powder coating 50 micron).	538.00	kg		380.00	204440.00	450.00	242100.00	290.00	156020.00	628.30	338025.40
27.00	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 5.50 mm thickness.	45.00	sqm		880.00	39600.00	2500.00	112500.00	700.00	31500.00	1620.50	72922.50

L1 Amount	L1 Vendor
205240.00	sandee p singh rana
156020.00	sandee p singh rana
31500.00	sandee p singh rana

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					Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
28.00	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 aluminum 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 both sides	15.00	sqm		800.00	12000.00	1500.00	22500.00	650.00	9750.00	1203.94	18059.10
29.00	Providing and fixing 12 mm thick frameless toughened glass door shutter of approved brand and manufacture, including providing and fixing top & bottom pivot & spring type fixing arrangement and making necessary holes etc. for fixing required door fittings, all complete as per direction of Engineer-in-charge (Door handle, lock and stopper etc.to be paid separately).	9.00	sqm		4000.00	36000.00	4000.00	36000.00	3800.00	34200.00	5115.09	46035.81
30.00	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete : :: 300x16 mm	6.00	each		200.00	1200.00	300.00	1800.00	180.00	1080.00	295.72	1774.32
31.00	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : :: 200x10 mm	12.00	each		60.00	720.00	50.00	600.00	60.00	720.00	103.50	1242.00
32.00	Deduct for taking away disposal Quantity of PVC sheet/gypsum sheet/plysheet & aluminium Tee, Angle section etc. of falseceiling as available on site.	170.00	sqm		20.00	-3400.00	2.00	-340.00	10.00	-1700.00	2.00	-340.00
33.00	Deduct for taking away disposal Quantity of Old dismantaled wooden members of falseceiling frame etc. as available on site.	186.00	Kg.		20.00	-3720.00	5.00	-930.00	2.00	-372.00	10.00	-1860.00
34.00	Deduct for taking away of disposal quantity of corrugate Asbestos sheet of Arrival Lounge/Airside / Canopy chajja (varanda) & Fire Station Building Shed Area etc. as available on site.	550.00	sqm		35.00	-19250.00	10.00	-5500.00	10.00	-5500.00	5.00	-2750.00
35.00	Deduct for taking away disposal Quantity of aluminium and MS door and windows, ventilators in cluding glass panes and other fixtures Angle section etc. as available on site.	61.04	sqm		100.00	-6104.00	40.00	-2441.60	10.00	-610.40	20.00	-1220.80

L1 Amount	L1 Vendor
9750.00	sandee p singh rana
34200.00	sandee p singh rana
1080.00	sandee p singh rana
600.00	ANUJ ABROL CONTR ACTOR
-3400.00	S S BUILDE RS
-3720.00	S S BUILDE RS
-19250.00	S S BUILDE RS
-6104.00	S S BUILDE RS

Total in Figures	
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2358916.00

2436109.40

1944812.603626062.89

Lowest Amount Quoted BY: sandeep singh rana(1944812.60)			
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