

AVIATION COMPLEX AT BLUE AREA, ISLAMABAD

BILL NO. 1.C: CIVIL WORKS (FINISHES WORKS)

BILL OF QUANTITIES

Item No.	Item Description	Unit	Qty	Unit Rate (Rs.)	Total Amount (Rs.)
(i)	(ii)	(iii)	(iv)	(v)	(vi)

GENERAL NOTESCOPE : *(Applicable to all sections)*

Providing, supply, fabricating and applying in any floor and at any height or depth except where otherwise stated in the specific item of the Bill, including all material, labour, all operations related to the items and plant for the following items, complete in all respects as per drawings, approved shop drawings, specifications, miscellaneous details and instructions of the Engineer, etc. complete as directed.

SECTION - A**PLAIN AND REINFORCED CONCRETE**

Ref Specs: 2100, 2200, 2300

B-C-	1	Providing and laying reinforcement cement concrete Class 'B' for door window lintels and counter slabs, fuel tank, pre-cast slab etc. including form work, leveling, curing, compacting with smooth finish etc., complete in all respect and as approved by The Engineer.	Cft	5,680	
B-C-	2	Supply, cutting, bending, placing, and fixing in position of high yield deformed reinforcement bars of Steel Grade 60, including all laps, chairs, spacers, binding wires, supports, hooks, and all other accessories as per drawings and specifications and as directed by the Engineer.	M.Ton	26	

SECTION - B**BRICK MASONARY WORK**

Ref Specs: 4200

B-C-	3	First class burnt brick masonry upto any thickness, depth & height laid and jointed in cement sand mortar 1:4 at any floor and at any height complete in all respects and as directed by the Engineer.	Cft	279,715	
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SECTION - C**CEMENT PLASTER**

Ref Specs: 6521

B-C-	4	½" thick 1:4 cement sand plaster in any floor and at any height, complete in all respects.	Sft.	1,193,560	
B-C-	5	¾" thick 1:4 cement sand plaster in any floor and at any height, complete in all respects.	Sft.	55,665	
B-C-	6	⅜" thick 1:4 cement sand plaster in any floor and at any height, complete in all respects.	Sft.	1,000	
B-C-	7	¾" thick 1:3 cement sand plaster including water proofing admixture (Waterproofing Mortars), dosage as per manufacturer recommendation in overhead and underground water tanks complete in all respects.	Sft.	17,900	

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SECTION - D**CARPENTRY AND JOINERY**

Ref Specs: 4600, 6250, 6700

B-C- 8	Providing and fixing first class deodar wood flush doors, including MS frames (chowkat) of 16 SWG mild steel sheet, enamel painted with matching color with hold-fasts embedded in adjoining surfaces; 1½" thick single leaf solid flush shutters with partial wood solid core and minimum ½" thick oak veneer plywood hydraulically pressed on both sides; oak veneer edge bending all around, deodar wood architraves, 6" high stainless steel kick plate etc. as shown on the drawings or as approved by the Engineer, imported locks of European origin, all necessary hardware and fittings in stainless steel and as shown on drawings and finishing with matt enamel painting or lacquer polishing, complete in all respects, all in accordance with the drawings, specifications, and directions of the Engineer. (WD1 & WD2)	Sft.	655		
B-C- 9	Providing, making, and fixing kitchen cabinets comprising wall-hung and floor-mounted units, including drawers, partitions, shelves, and shutters made with ¾" thick MDF board of approved make, color and shade as approved by the designer, framing and lipping with first class deodar wood, complete with all necessary hardware fittings including, lock, handle, hydraulic hinges, push catcher, channel, etc. and finished with painting or polishing, all in accordance with the drawings, specifications, and/or as directed by the Engineer, complete in all respects.	Sft.	1,830		
B-C- 10	Providing and fixing WPC door with 1½" (37mm) thick best quality WPC paneled single/ double leaf shutter solid core of approved design, complete with matching WPC frame (chowkat), 12mm thick glass for vision panel (where required), approved stainless steel hardware as mentioned in drawings and all necessary fittings in stainless steel, complete in all respects as required and as directed by the Engineer. (WP1 to WP5)	Sft.	15,240		
B-C- 11	Providing and fixing Heavy Duty Hydraulic door Closers on doors as specified on drawings or as directed by Engineer.	No	153		

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SECTION - E					
ALUMINUM WORKS					
Ref Specs: 4600, 6220, 6250, 6700					
B-C- 12	Providing, Fabricating and Installing 8mm Thick Tempered Glass with Single/Double Leaf Double Action Swing Door with aluminum top and bottom rails of size 75 mm × 2 mm thick in approved powder coated finish, floor spring/ hinged machine, SS handles, locks, center locks, patch fittings, silicone sealants, frosted film and all necessary accessories, fittings and hardware complete in all respects, including fixing to floor, wall or structural supports as required, in accordance with approved drawings and Engineer's instructions. (MDF 3,4,7)	Sft.	6,050		
B-C- 13	Providing, supplying, and installing frameless full-height glass partition system up to false ceiling level, comprising 12 mm thick clear tempered safety glass, fixed in position with approved patch fittings, SS grade 316 brackets, and high grade aluminum channels. The top channel shall be structurally anchored to the slab/beam above the false ceiling with suitable supports, hangers, or framework to ensure rigidity and stability of the partition independent of the false ceiling system. All glass panels shall have machine-polished edges with smooth, safe finishes, and joints shall be sealed with clear structural silicone to provide a neat, dust-free and seamless appearance. The partition shall include a double-leaf openable glass door fabricated from 12 mm thick tempered glass, complete with heavy-duty stainless steel patch fittings, top and bottom pivots, imported floor spring for both leaf of adequate capacity, SS handles, locks, and door stoppers, all in approved satin/matte finish. The scope shall also include providing and fixing imported frosted film/paper of approved design and pattern at locations as indicated in the drawings, properly aligned and bubble-free. The work includes all necessary cutouts, notches, alignment, leveling, anchoring, sealing, and provision of all accessories required to complete the installation in accordance with drawings, specifications and as directed by the Engineer. (Type P1 and P3)	Sft.	13,590		

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B-C- 14	Providing, supplying, and installing frameless full-height glass partition system up to false ceiling level, comprising 12 mm thick clear tempered safety glass, fixed in position with approved patch fittings, SS grade 316 brackets, and aluminum bottom channel. The top channel shall be structurally anchored to the slab/beam above the false ceiling with suitable supports, hangers, or framework to ensure rigidity and stability of the partition independent of the false ceiling system. All glass panels shall have machine-polished edges with smooth and safe finishes, and joints shall be sealed with clear structural silicone to provide a neat, dust-free, and seamless appearance. The scope shall also include providing and fixing imported frosted film/paper of approved design and pattern at locations as indicated in the drawings, properly aligned and free from bubbles or wrinkles. The work includes all necessary cutouts, notches, alignment, leveling, anchoring, sealing, and provision of all accessories required to complete the installation in accordance with drawings, specifications and as directed by the Engineer. (Type P2)	Sft.	103,025		
B-C- 15	Providing, supplying, and installing frameless full-height glass partition system up to false ceiling level, comprising 12 mm thick clear tempered safety glass, fixed in position with approved patch fittings, SS grade 316 brackets, and high grade aluminum channels. The top channel shall be structurally anchored to the slab/beam above the false ceiling with suitable supports, hangers, or framework to ensure rigidity and stability of the partition independent of the false ceiling system. All glass panels shall have machine-polished edges with smooth, safe finishes, and joints shall be sealed with clear structural silicone to provide a neat, dust-free and seamless appearance. The partition shall include a single leaf openable glass door fabricated from 12 mm thick tempered glass, complete with heavy-duty stainless steel patch fittings, top and bottom pivots, imported floor spring of adequate capacity, SS handles, locks, and door stoppers, all in approved satin/matte finish. The scope shall also include providing and fixing imported frosted film/paper of approved design and pattern at locations as indicated in the drawings, properly aligned and bubble-free. The work includes all necessary cutouts, notches, alignment, leveling, anchoring, sealing, and provision of all accessories required to complete the installation in accordance with drawings, specifications and as directed by the Engineer. (Type P4)	Sft.	315		

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(i)	(ii)	(iii)	(iv)	(v)	(vi)
B-C- 16	Providing and installing an aluminum-framed revolving door system of approx. 8'-0" diameter with four-wing arrangement, complete with central shaft, bearings, and safety sensor system (anti-tailgating/anti-piggyback), ensuring smooth and safe operation. The revolving door shall be flanked on both sides by double leaf swing glass doors of 12mm thick tempered glass, complete with floor springs, fittings, and locking arrangements. The entire assembly shall be integrated with a glazed partition wall of 12 mm clear tempered glass doors, fixed in anodized aluminum framework. The work shall include all necessary cutting, drilling, alignment, hardwares, sealants, gaskets, safety features, and other accessories, complete in all respects as per approved design, specifications, and the directions of the Engineer.	Sft.	840		
B-C- 17	Providing and fixing skylight consists of a unitized/semi-unitized system featuring high-performance insulated laminated glazing composed of a 6mm low-e outer pane, a 12mm air gap, and a 6mm clear glass inner pane bonded by a Polyvinyl Butyral (PVB) interlayer for enhanced safety and thermal efficiency. The assembly is supported by a structural framework of powder-coated extruded aluminum main and intermediate frames, reinforced internally with concealed galvanized steel stiffeners to manage structural spans and wind loading. The system is finished with 6mm thick aluminum cladding covers at joints and transitions, integrated with weather-grade silicone sealants and EPDM gaskets to ensure a watertight interface with the concrete curb and specified roofing detail providing complete fixing arrangements as per manufacturer's recommendations. The work shall include all necessary cutting, drilling, alignment, and adjustments, as well as protection of adjacent finishes and making good any damages caused during installation. Complete in all respects as per approved design, specifications, and the directions of the Engineer	Sft	3,210		

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B-C- 18	Supply, fabrication, and installation of aluminum acoustic louvered door of size as shown on drawing, made out of 150 mm thick aluminium framed door section comprising 2.0 mm thick extruded aluminium blade profiles arranged in a fixed louver configuration as per approved shop drawings. The louver blades shall be infilled with high-performance mineral wool insulation to achieve acoustic attenuation and thermal resistance, and shall be non-combustible, 1 hour fire-retardant compliant material. The door frame shall be fabricated from heavy-duty aluminium sections with reinforced joints, concealed mechanical fasteners, and provision for structural rigidity to prevent vibration and deflection under service conditions. All hardware including heavy-duty hinges, handles, locking arrangement, fasteners, and accessories shall be of corrosion-resistant finish. The complete assembly shall be factory-finished with approved powder coating finish, including necessary gaskets and sealing arrangements to ensure acoustic integrity and air-control performance. Installation shall include proper alignment, fixing to prepared openings, sealing, leveling, and testing for smooth operation and durability as per specifications and approved shop drawings and instructions of the Engineer. (ALD1 & ALD5)	Sft	7,810		
B-C- 19	Supply, fabrication, and installation of aluminum louvered door of size as shown on drawing, comprising 2.0 mm thick extruded aluminium section as per approved shop drawings. The door frame shall be fabricated from heavy-duty aluminium sections with reinforced joints, concealed mechanical fasteners, and provision for structural rigidity to prevent vibration and deflection under service conditions. All hardware including hinges, handles, locking arrangement, fasteners, and accessories shall be of corrosion-resistant finish. The complete assembly shall be factory-finished with approved powder coating finish, including necessary gaskets and sealing arrangements. Installation shall include proper alignment, fixing to prepared openings, sealing, leveling, and testing for smooth operation and durability as per specifications and approved shop drawings and instructions of the Engineer. (ALD2, ALD3 & ALD4)	Sft	10,230		

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SECTION - F					
FLOOR & WALL FINISHES					
Ref Specs: 6531, 6533, 6600					
B-C- 20	Providing and fixing full body porcelain wall tiles (imported) of approved colour, shade, and texture, in sizes not exceeding 2 sq.ft., fixed in the specified pattern over a ½" (12 mm) thick cement-sand plaster (1:4), including laser cutting for precise alignment and grouting with matching colour epoxy grout to match the tile shade. Work to be executed at any height and at any floor, complete in all respects, in accordance with the approved design, specifications, and as directed by the Engineer.	Sft	123,330		
B-C- 21	Providing and laying full body porcelain floor tiles (imported) of approved colour, shade, and texture, in sizes exceeding 2 sq.ft and upto 8 sq.ft., laid in the specified pattern over a 2" (50 mm) thick cement-sand mortar (1:3) base, including laser cutting for precise alignment, jointing with cement-sand mortar (1:3), matching colour epoxy grout to match the tile shade, at any floor and any height, complete in all respects and in accordance with the approved design, specifications, and as directed by the Engineer.	Sft	384,810		
B-C- 22	Providing and fixing full body porcelain tile (imported) in skirting of approved colour, shade, and texture, with matching colour mortar in joints set over 1/2" thick rough cast 1:4 cement sand plaster, at any height and at any floor, complete in all respects, as per specifications and instructions of the Engineer.	Sft	10,630		
B-C- 23	Providing and laying Pre-Polished supreme quality Granite floor (minimum thickness ¾") of approved shade/ colour and having minimum size up to 8 Sft to specified surfaces of floors laid in approved design/pattern, including 1-1/4" thick cement sand 1:3 mortar base, grouted with epoxy grout with matching colour, complete in all respects, as per specifications and instructions of the Engineer.	Sft	130,830		
B-C- 24	Providing and laying Pre-Polished supreme quality Granite Slab (minimum thickness ¾") of approved shade, colour and size to specified surfaces of counter & vanity top laid in approved design/pattern, including ¾" thick cement sand 1:3 mortar base, grouted with epoxy grout with matching colour, complete in all respects, as per specifications and instructions of the Engineer.	Sft	4,470		

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B-C- 25	Providing and laying Pre-Polished supreme quality Granite slab of 3/4" thickness on entrance steps with 2 Nos. of stainless steel anti slip strips anchored with minimum 2 Nos of S.S dowels and 3/4" thickness on riser of approved color, shade and pattern to specified surfaces laid in approved color, design and pattern, including 1" thick cement sand 1:3 mortar base, grouted with epoxy grout with matching colour, complete in all respects, as per specifications and instructions of the Engineer.	Sft	1,790		
B-C- 26	Providing and laying Matt Polished supreme quality Granite Effect Tiles of size 600 mm x 600 mm (24" x 24") and thickness 3/4", of approved shade and colour, on prepared floor surfaces, laid in approved pattern/design, true to line, level and slope as required. The work shall include providing and laying 32 mm (1-1/4") thick cement sand mortar (1:3) as bedding, properly compacted and leveled, including slurry bond coat where required. Tiles shall be laid with uniform joints and proper alignment. All joints shall be filled with approved epoxy grout of matching colour, including cleaning of joints and surface finishing to achieve a smooth, even and stain-free appearance, complete in all respects, as per drawings. specifications and as directed by the Engineer.	Sft	16,970		
B-C- 27	Providing, cutting, dressing and fixing 19 mm (3/4") thick pre-polished supreme quality granite stone (supreme quality Black galaxy granite imported) of approved color, texture and pattern for dado/cladding on walls, in approved design and layout, including edge finishing, grooves, cut-outs, and matching as per drawings. The work shall include surface preparation, application of approved bonding material, and fixing with stainless steel mechanical anchors (pins/clamps/holdfasts) of appropriate size and spacing, embedded in wall with non-shrink grout/epoxy, ensuring proper alignment, level, plumb and true surface. Joints shall be filled with approved color-matching epoxy, including provision of backing rods, sealants where required, and proper finishing to achieve a uniform appearance. at any floor and at any height, complete in all respects, as per drawings, specifications and as directed by the Engineer.	Sft	94,490		
B-C- 28	Supply and installation of MDF wooden wall paneling including 19mm thick MDF panels fixed over a deodar wood backing frame (minimum section 2"x1" or as approved), complete with vertical and/or horizontal decorative grooves as per design drawings. All joints, edges, and surfaces shall be properly sanded, filled, and prepared to receive decorative paint finish (Decopaint), including application of primer, base coats, and final finish coats in approved color/shade. All materials, accessories, surface preparation, cutting, jointing, and finishing shall be included, complete in all respects as per drawings, specifications, and as approved by the Engineer.	Sft	39,780		

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(i)	(ii)	(iii)	(iv)	(v)	(vi)
B-C- 29	Providing and Fixing approved quality WPC (Wood Plastic Composite) wall cladding panels of min thickness 23mm of approved shade, texture and pattern on walls including required GI/MS/Aluminum base framework, backing battens, screws, clips, adhesives, trims, corner beads and all necessary accessories, fixed in proper line and level as per approved drawings and manufacturer recommendations, including cutting, wastage, lifting at all heights and complete finishing, complete in all respects as directed by the Engineer.	Sft	31,600		
B-C- 30	Providing and Fixing approved quality Acoustic Wall Panels of specified thickness, texture and finish on walls, comprising acoustic core with fabric/polyester/perforated finish as approved, including wooden base framework, acoustic insulation backing, screws, clips, adhesives, trims, edge finishing and all necessary accessories, fixed in proper alignment and level as per approved drawings and manufacturer recommendations, including cutting, wastage, lifting at all heights and complete finishing, complete in all respects as directed by the Engineer.	Sft	3,670		
B-C- 31	Providing and laying 3/4" thick pre-polished granite slab for staircase treads and landings of approved color, shade, and texture, machine-cut, free from cracks, cavities, or other defects, including a half-round bullnose edge profile as per the architectural drawing. The granite shall be set over 1" (25 mm) thick cement-sand mortar (1:3) bedding with neat cement slurry. The tread shall feature three rows of abrasive inserts (anti-slip grooves) near the leading edge to ensure pedestrian safety. The scope of work includes supply, precise cutting to size, edge molding, polishing, and fixing the stone, including jointing with matching color epoxy grout, to provide a seamless finish, complete in all respects, as per drawings, specifications. and instructions of the Engineer.	Sft	35,030		
B-C- 32	Providing and laying 1/2" thick pre-polished granite slab for staircase risers/ skirting of approved color, shade, and texture, free from cracks, cavities, or other defects, fixed vertically over a cement mortar bed. The riser shall be accurately cut to match the height of the step and aligned perfectly with the tread. The scope of work includes supply, precise cutting to size, polishing, and fixing the stone, including jointing with matching color epoxy grout, to provide a seamless finish, complete in all respects, as per drawings, specifications, and instructions of the Engineer.	Sft	7,590		
B-C- 33	Providing and fixing Pre-Polished Granite 1/2" thick in skirting, grouted with white/coloured cement using imported pigments, including laser cutting, over and including 1/2" thick 1:4 cement sand base plaster, complete in all respects as per specifications and instructions of the Engineer.	Sft	1,320		

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B-C- 34	Providing and fixing Pre-Polished Granite Effect tiles (4" wide and 24" long) 1/2" thick in skirting, grouted with white/coloured cement using imported pigments, including laser cutting, over and including 1/2" thick 1:4 cement sand base plaster, complete in all respects as per specifications and instructions of the Engineer.	Sft	1,490		
B-C- 35	Providing and laying approved quality 3mm thick self-leveling epoxy flooring system over prepared 2" thick Class 'C' concrete floor laid in panels, including surface grinding, primer coat, epoxy base coat, self-leveling epoxy layer, top protective coat, panel joints, and epoxy skirting extending up to 6" high on walls, complete with all accessories, consumables, curing and protection, in proper line and level as per specifications, approved drawings and manufacturer's recommendations, complete in all respects as directed by the Engineer.	Sft	14,770		
B-C- 36	Providing and laying 3" thick Class 'C' concrete floors using hardonate, laid in panels using marble strip of size 8mm x 40mm complete in all respects, as per specifications and instructions of the Engineer.	Sft	175,470		
B-C- 37	Providing and laying 2" thick Class 'C' concrete floors using hardonate, laid in panels complete in all respects, as per specifications and instructions of the Engineer.	Sft	426,070		
B-C- 38	Providing and laying 3mm epoxy floor over 2" thick Class 'C' concrete floors, laid in panels complete in all respects, epoxy extend to wall upto 6" high. as per specifications and as per instructions of the Engineer.	Sft	33,950		
B-C- 39	Providing and laying skirting with 1/2" (13 mm) thick cement plaster 1:3 in ground floor including finishing smooth with a floating coat of neat cement, rounding corners and curing etc. complete in all respects as per specifications and instructions of the Engineer.	Sft	5,325		
B-C- 40	Providing & fixing of 2mm thick Rubber floor including 4mm thick underlay on specified floor area, colour, quality & design as approved and set with adhesive chemical as per manufacturer recommendation, as shown on drawing, complete in all respects and as directed by the Engineer.	Sft	5,685		
B-C- 41	Providing & fixing of Carpet Tile on specified floor area, colour, quality & design as approved by the designer and set with adhesive chemical as per manufacturer recommendation, as shown on drawing, complete in all respects and as directed by the Engineer.	Sft	37,970		

AVIATION COMPLEX AT BLUE AREA, ISLAMABAD

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B-C- 42	Providing & fixing of 12mm Laminated Wooden floor, colour, quality & design as approved by the designer and set with adhesive chemical as per manufacturer recommendation, as shown on drawing, complete in all respects and as directed by the Engineer.	Sft	2,400		
B-C- 43	Providing, fabricating and installing MDF 4" thick partition wall , finish with paint, color as approved by the Engineer, fixed in true line, level and plumb with necessary brackets, U channel anchors, screws, The partition shall be consisting of fix glass with aluminum section, complete fittings , Glass shall be 8mm thick tempered glass, including clear as shown on drawings. The work shall include all necessary accessories, glazing beads, rubber gaskets, sealants, fittings and hardware, complete with cutting, fabrication, installation, finishing, cleaning and making good of adjacent surfaces, complete in all respects as per drawings and instructions of the Engineer. Partition wall (Type MD-1)	Sft.	12,130		
B-C- 44	Providing, fabricating and installing MDF 4" thick partition wall, finish with paint, color as approved by the Engineer, fixed in true line, level and plumb with necessary brackets, U channel anchors, screws, The partition shall be consisting of fix glass with aluminum section, complete fittings , Glass shall be 8mm thick tempered glass, including clear as shown on drawings. The work shall include all necessary accessories, glazing beads, rubber gaskets, sealants, fittings and hardware, complete with cutting, fabrication, installation, finishing, cleaning and making good of adjacent surfaces, complete in all respects as per drawings and instructions of the Engineer. Partition wall (Type MD-2)	Sft.	1,020		
B-C- 45	Providing, fabricating and installing MDF 4" thick partition wall , finish with paint, color as approved by the Engineer, fixed in true line, level and plumb with necessary brackets, U channel anchors, screws, The partition shall be consisting of fix glass with aluminum section, complete fittings , Glass shall be 8mm thick tempered glass, as shown on drawings. The work shall include all necessary accessories, glazing beads, rubber gaskets, sealants, fittings and hardware, complete with cutting, fabrication, installation, finishing, cleaning and making good of adjacent surfaces, complete in all respects as per drawings and instructions of the Engineer. Partition wall (Type MD-3,4,5 & 7)	Sft.	74,355		

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B-C- 46	Providing, fabricating and installing MDF 4" thick partition wall , finish with paint, color as approved by the Engineer, fixed in true line, level and plumb with necessary brackets, U channel anchors, screws, The partition shall be consisting of complete fittings , including clear as shown on drawings. The work shall include all necessary accessories, glazing beads, rubber gaskets, sealants, fittings and hardware, complete with cutting, fabrication, installation, finishing, cleaning and making good of adjacent surfaces, complete in all respects as per drawings and instructions of the Engineer. Partition wall (Type MD-6)	Sft.	110		

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SECTION - G					
PAINTING					
Ref Specs: 6700					
B-C- 47	03 coats of vinyl emulsion paint including surface preparation by provision of a film with Alkali resisting primer on plastered ceiling to form smooth base for paint, including sanding, filling where required, etc. at any floor, complete in all respect, as per specifications and instructions of the Engineer.	Sft	100		
B-C- 48	03 coats of spotless matt emulsion paint including surface preparation by provision of a film with Alkali resisting primer on plastered ceiling to form smooth base for paint, including sanding, filling where required, etc. at any floor, complete in all respect, as per specifications and instructions of the Engineer.	Sft	1,370		
B-C- 49	03 coats with Weather shield paint make of approved shade on plaster surface and including the cost of cleaning the surface, sand papering etc.at any height in any floor, complete in all respect, as per specifications and instructions of the Engineer.	Sft	50,440		
B-C- 50	02 coats of satin acrylic paint over prepared surface, including necessary surface preparation such as cleaning, sanding, and application of suitable primer/undercoat as required to achieve a smooth and uniform finish etc. at any floor, complete in all respect, as per specifications and instructions of the Engineer.	Sft	611,820		
B-C- 51	Providing and applying approved quality epoxy paint system comprising complete surface preparation including cleaning, removal of dust, grease, laitance and loose particles, filling of minor surface imperfections with approved fillers, application of compatible epoxy primer, epoxy putty/skim coat where required, followed by two coats of epoxy paint of approved shade and finish, applied strictly in accordance with manufacturer's recommendations, including all tools, consumables, scaffolding, protection and curing, at any floor and at any height, complete in all respects as per drawings, specifications and instructions of the Engineer.	Sft	9,120		
B-C- 52	3 coats of matt enamel paint including surface preparation by provision of a film with Alkali resisting primer on plastered wall to form smooth base for plastic emulsion paint, including sanding, filling where required, etc. at any floor, complete in all respect, as per specifications and instructions of the Engineer.	Sft	949,560		

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B-C- 53	Providing and applying approved quality stone finish texture coating on external plastered surfaces as specified. The work shall include surface preparation by cleaning, removing laitance, dust, and loose particles; application of primer/sealer coat; followed by one or more coats of texture finish of approved shade, make, and texture pattern to achieve uniform coverage and decorative appearance. The coating shall be applied strictly in accordance with the manufacturer's specifications, using approved tools and techniques to ensure durability, adhesion, and aesthetic quality, complete in all respects and as directed by the Engineer.	Sft	32,140		
SECTION - H					
FALSE CEILING					
Ref Specs: 6560					
B-C- 54	Providing and fixing 600mmx600mm, 9mm thick imported brand water resistant gypsum board ceiling, fixed to G.I. suspension system comprising main runners, Imported cross tees, hangers, and perimeter channels, complete with all necessary hardware, hangers, and fasteners, in accordance with approved shop drawings. All boards shall be accurately cut, aligned, and securely fixed, with joints properly taped, filled, and finished using approved jointing compound to achieve a smooth, seamless surface ready for final finishing. The ceiling shall be finished with three (03) coats of enamel paint of approved colour and shade, including surface preparation. The work shall include all necessary supports, edge trims, access panels (if required), and allowances for openings for light fixtures, diffusers, or other services. Installation shall be carried out at any floor level, in compliance with the specifications, manufacturer's recommendations and instructions of the Engineer	Sft	26,520		
B-C- 55	Providing and fixing gypsum ceiling 12mm thick 1200mmx2400mm, fixed to G.I. suspension system comprising main runners, cross tees, hangers, and perimeter channels, complete with all necessary hardware, hangers, and fasteners, in accordance with approved shop drawings. All boards shall be accurately cut, aligned, and securely fixed, with joints properly taped, filled, and finished using approved jointing compound to achieve a smooth, seamless surface ready for final finishing. The ceiling shall be finished with three (03) coats of enamel paint of approved colour and shade, including surface preparation. The work shall include all necessary supports, edge trims, access panels (if required), and allowances for openings for light fixtures, diffusers, or other services. Installation shall be carried out at any floor level, in compliance with the specifications, manufacturer's recommendations and instructions of the Engineer	Sft	39,470		

AVIATION COMPLEX AT BLUE AREA, ISLAMABAD

BILL NO. 1.C: CIVIL WORKS (FINISHES WORKS)

BILL OF QUANTITIES

Item No.	Item Description	Unit	Qty	Unit Rate (Rs.)	Total Amount (Rs.)
(i)	(ii)	(iii)	(iv)	(v)	(vi)
B-C- 56	Providing and fixing 600mm x 2600mm modular plain colour aluminum false ceiling tiles of approved make, manufactured from high-quality aluminum alloy with a factory-applied powder-coated finish in approved colour and shade. Installed on an approved aluminum adjustable suspension system comprising main tees, cross tees, wall angles, hangers, and all necessary accessories. The suspension grid shall be fire-rated, corrosion-resistant, accurately leveled, and securely fixed to the structural soffit with appropriate fasteners and hangers. Tiles shall be neatly cut and fitted around columns, walls, light fixtures, and service openings to achieve a clean, seamless appearance. The entire installation shall conform to the approved shop drawings, manufacturer's installation guidelines, and project specifications, at any floor and complete in all respects to the satisfaction of the Engineer.	Sft	53,240		
B-C- 57	Providing and fixing 600mm x 600mm modular plain aluminum acoustic false ceiling tiles approved make, manufactured from high-quality aluminum alloy with a factory-applied powder-coated finish in approved colour and shade. Installed on an approved aluminum adjustable suspension system comprising main tees, cross tees, wall angles, hangers, and all necessary accessories. The suspension grid shall be fire-rated, corrosion-resistant, accurately leveled, and securely fixed to the structural soffit with appropriate fasteners and hangers. Tiles shall be neatly cut and fitted around columns, walls, light fixtures, and service openings to achieve a clean, seamless appearance. The entire installation shall conform to the approved shop drawings, manufacturer's installation guidelines, and project specifications, at any floor and complete in all respects to the satisfaction of the Engineer.	Sft	3,490		
B-C- 58	Providing and installing 1200mmx 300mm aluminum strip false ceiling of approved make, roll-formed from high-quality aluminum alloy with a factory-applied powder-coated finish in approved wooden texture. Strips shall be plain (non-perforated) hygienic type, resistant to corrosion, moisture, and fungal growth, ensuring durability and ease of maintenance. Each strip shall be fixed to an approved concealed aluminum suspension system, including carriers, hangers, wall angles, and all necessary accessories, to achieve a perfectly level and aligned ceiling surface. Suspension system shall be securely anchored to the structural soffit using appropriate fasteners at specified spacing, with provisions for accommodating light fixtures, diffusers, and other ceiling-mounted services. The installation shall be carried out in accordance with the manufacturer's recommendations, approved shop drawings, and specifications, at any floor, complete in all respects to the satisfaction of the Engineer.	Sft	3,070		

AVIATION COMPLEX AT BLUE AREA, ISLAMABAD

BILL NO. 1.C: CIVIL WORKS (FINISHES WORKS)

BILL OF QUANTITIES

Item No.	Item Description	Unit	Qty	Unit Rate (Rs.)	Total Amount (Rs.)
(i)	(ii)	(iii)	(iv)	(v)	(vi)

B-C- 59	Providing and fixing modular aluminum perforated acoustic false ceiling panels 600mmx600mm of approved size, design and make. Manufactured from high-quality aluminum alloy with a factory-applied powder-coated finish in approved colour and shade and ensure ease of cleaning. Installed on an approved aluminum adjustable suspension system comprising main tees, cross tees, wall angles, hangers, and all necessary accessories. The suspension grid shall be fire-rated, corrosion-resistant, accurately leveled, and securely fixed to the structural soffit with appropriate fasteners and hangers. Tiles shall be neatly cut and fitted around columns, walls, light fixtures, and service openings to achieve a clean, seamless appearance. The entire installation shall conform to the approved shop drawings, manufacturer's installation guidelines, and project specifications, at any floor and complete in all respects to the satisfaction of the Engineer.	Sft	283,170		
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B-C- 60	Providing and fixing gypsum board false ceiling with decorative wooden (veneer) strips, of approved make, design and pattern, comprising 12 mm thick gypsum board fixed to a G.I. suspension system (main runners, cross tees, hangers, and perimeter channels) suspended from the structural soffit at required spacing, complete with all necessary fixtures and accessories. The gypsum boards shall be properly cut, aligned, and fixed, with joints treated using approved tape and jointing compound to achieve a smooth finish. The decorative wooden/veneered strips shall be of approved veneer finish, size, spacing, and pattern, securely fixed over the gypsum surface, including necessary backing supports. The veneer surface shall be finished with lacquer polish to the approved shade and gloss level. The work shall include cutting at edges, forming openings for services (light fixtures, diffusers, sprinklers, etc.), providing edge trims, and making good at all junctions. The entire installation shall conform to the approved shop drawings, manufacturer's installation guidelines, and project specifications, at any floor and complete in all respects to the satisfaction of the Engineer.	Sft	153,100		
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SECTION - I

STEEL WORKS

Ref Specs: 3000, 6700

AVIATION COMPLEX AT BLUE AREA, ISLAMABAD

BILL NO. 1.C: CIVIL WORKS (FINISHES WORKS)

BILL OF QUANTITIES

Item No.	Item Description	Unit	Qty	Unit Rate (Rs.)	Total Amount (Rs.)
(i)	(ii)	(iii)	(iv)	(v)	(vi)
B-C- 61	Providing, fabricating, and installing MS doors and frame (chowkat), single leaf as shown on drawings, comprising frame (chowkat) fabricated from 16 SWG mild steel sheet as per approved design, with 44 mm thick hollow metal seamless door shutter, clad on both faces with 18 SWG mild steel sheets, continuously welded to an internal framework of channels and angles to ensure strength and durability. The scope of work shall include all necessary cutting, welding, grinding, and surface finishing, along with supply and installation of approved quality panic bar, door closers, hinges, handles and all required hardware fittings in accordance with approved shop drawings. All steel surfaces shall be thoroughly cleaned and properly prepared, followed by application of one coat of red oxide zinc chromate primer and two coats of high-quality epoxy paint of approved shade. The item shall include fixing of frame, grouting, making good of adjoining surfaces, and all incidental works, complete in all respects as per specifications and to the satisfaction of the Engineer (SD1)	Sft	60		
B-C- 62	Providing and fixing 2" thick minimum 2 hour fire resistant doors, UL listed fabricated from 16SWG MS sheet and the core filled with heavy density foam injected polyurethane of low U factor (≤ 0.069) and full width door frame fabricated from 14 SWG M.S sheet including epoxy painting, 12mm thick fire-rated glass for vision panel, panic bar, hinges, and all other hardware fittings in accordance with the approved shop drawings, etc. complete in all respects as per manufacturer design, approved shop drawings/mock-up samples of the FDR1.	Sft	5,350		

AVIATION COMPLEX AT BLUE AREA, ISLAMABAD

BILL NO. 1.C: CIVIL WORKS (FINISHES WORKS)

BILL OF QUANTITIES

Item No.	Item Description	Unit	Qty	Unit Rate (Rs.)	Total Amount (Rs.)
(i)	(ii)	(iii)	(iv)	(v)	(vi)
B-C- 63	Providing, fabricating, and installing MS doors and frame (chowkat), single or double leaf as shown on drawings, comprising frame (chowkat) fabricated from 16 SWG mild steel sheet as per approved design, with 44 mm thick hollow metal seamless door shutter, clad on both faces with 18 SWG mild steel sheets, continuously welded to an internal framework of channels and angles to ensure strength and durability, and filled with approved density rockwool insulation. The door assembly shall have a minimum 120 minutes fire rating, duly tested and certified as per relevant standards. The scope of work shall include all necessary cutting, welding, grinding, and surface finishing, along with supply and installation of approved quality locks, door closers, hinges, handles, fire-rated seals, optional vision panel (where specified) with 12mm thick fire-rated glass, approved beading, MS grill (where required) as shown in drawings and all required hardware fittings in accordance with approved shop drawings. All steel surfaces shall be thoroughly cleaned and properly prepared, followed by application of one coat of red oxide zinc chromate primer and two coats of high-quality epoxy paint of approved shade. The item shall include fixing of frame, grouting, making good of adjoining surfaces, and all incidental works, complete in all respects as per specifications and to the satisfaction of the Engineer. (SD2 to SD6)	Sft	4,430		
B-C- 64	Providing, fabricating, and installing MS sliding door, comprising a 44 mm thick hollow metal seamless door shutter, fabricated from mild steel sections and clad on both faces with sheets of 18 SWG, and filled with polyurethane insulation, complete in all respects. The door shall be mounted on a mechanically operated sliding system consisting of heavy-duty MS channel track with rollers/wheels, ensuring smooth and noiseless operation, including all necessary brackets, guides, stoppers, and suspension arrangements. The shutter shall be provided with MS door grille(s) at designated locations for ventilation, properly fabricated and securely fixed, and the entire assembly shall be finished with approved epoxy paint over properly prepared surfaces. The work shall include provision of middle and bottom sliding bolts, manual locking arrangement, handles, and all required hardware fittings. All steel surfaces shall be thoroughly cleaned, treated, and coated as per specifications, and the complete installation shall be executed in accordance with approved shop drawings and as per the instruction of the Engineer. (SD7)	Sft	70		

AVIATION COMPLEX AT BLUE AREA, ISLAMABAD

BILL NO. 1.C: CIVIL WORKS (FINISHES WORKS)

BILL OF QUANTITIES

Item No.	Item Description	Unit	Qty	Unit Rate (Rs.)	Total Amount (Rs.)
(i)	(ii)	(iii)	(iv)	(v)	(vi)
B-C- 65	Providing, fabricating, and installing MS sliding door, comprising a 44 mm thick hollow metal seamless door shutter, fabricated from mild steel sections and clad on both faces with sheets of 18 SWG, and filled with approved density rockwool insulation, complete in all respects. The door shall be mounted on a mechanically operated sliding system consisting of heavy-duty MS channel track with rollers/wheels, ensuring smooth and noiseless operation, including all necessary brackets, guides, stoppers, and suspension arrangements. The shutter shall be provided with MS door grille(s) at designated locations for ventilation, properly fabricated and securely fixed, and the entire assembly shall be finished with approved epoxy paint over properly prepared surfaces. The work shall include provision of middle and bottom sliding bolts, manual locking arrangement, handles, and all required hardware fittings. All steel surfaces shall be thoroughly cleaned, treated, and coated as per specifications, and the complete installation shall be executed in accordance with approved shop drawings and as per the instruction of the Engineer. (SD8).	Sft	50		
B-C- 66	Providing, fabricating, and installing Sand Trap MS louvered door (single/ double leaf), comprising a 44 mm thick hollow metal door shutter with frame (chowkat) fabricated from 16 SWG mild steel sheet as per approved design. The door leaves shall be sandwiched (sand-trapped) construction, incorporating fixed MS louvers of approved size and spacing to ensure adequate ventilation, and provided with GI/insect mesh on the face. The shutters shall be reinforced with internal stiffeners to ensure rigidity and durability, and hung on heavy-duty hinges fixed to the MS frame. Also include approved quality handles, tower bolts, locking arrangement, stoppers, and all necessary hardware fittings. All steel surfaces shall be thoroughly cleaned, properly prepared, and finished with approved epoxy paint system, including primer and finish coats, to achieve a uniform and durable surface. The frame shall be properly aligned, fixed, and grouted in position, including making good of adjoining civil works. The complete work shall be executed in accordance with approved shop drawings, specifications, and to the instructions of the Engineer. (SLD1 to SLD3)	Sft	775		

AVIATION COMPLEX AT BLUE AREA, ISLAMABAD

BILL NO. 1.C: CIVIL WORKS (FINISHES WORKS)

BILL OF QUANTITIES

Item No.	Item Description	Unit	Qty	Unit Rate (Rs.)	Total Amount (Rs.)
(i)	(ii)	(iii)	(iv)	(v)	(vi)
B-C- 67	Providing, fabricating, and installing Sand Trap MS louvered Window & Ventilators (double leaf), comprising a 44 mm thick hollow metal shutter with frame (chowkat) fabricated from 16 SWG mild steel sheet as per approved design. The door leaves shall be sandwiched (sand-trapped) construction, incorporating fixed MS louvers of approved size and spacing to ensure adequate ventilation, and provided with GI/insect mesh on the face. The shutters shall be reinforced with internal stiffeners to ensure rigidity and durability, and hung on heavy-duty hinges fixed to the MS frame. Also include approved quality handles, tower bolts, locking arrangement, stoppers, and all necessary hardware fittings. All steel surfaces shall be thoroughly cleaned, properly prepared, and finished with approved epoxy paint system, including primer and finish coats, to achieve a uniform and durable surface. The frame shall be properly aligned, fixed, and grouted in position, including making good of adjoining civil works. The complete work shall be executed in accordance with approved shop drawings, specifications, and to the instructions of the Engineer.	Sft	400		
B-C- 68	Providing, fabricating and fixing stainless steel stair railing (Grade 304) comprising 2" diameter (18-gauge) S.S. main handrail, three (03) parallel horizontal pipes of ¾" diameter, supported on vertical S.S. posts of 1½" diameter at an average spacing of 2'-0" c/c, and 2" diameter vertical posts at start, turning, and end points, including all necessary fittings, welding, grinding, polishing, making hole in tread granite, MS sleeves in stair, and anchoring in stair steps and walls, with all accessories, complete in all respects, and as per drawings, specifications. and directions of the Engineer.	Rft	67,135		
B-C- 69	Providing & Fixing M.S Ladder including, welding, epoxy paint complete in all respects as shown drawing or as approved by the Engineer.	Rft	140		
B-C- 70	Providing, fabricating and fixing MS railing as per approved drawings and specifications, comprising 2" diameter (18-gauge) M.S. main handrail, three (03) parallel horizontal pipes of ¾" diameter, supported on vertical S.S. bluster of 1½" diameter at every alternate step, finish with epoxy paint including all necessary fittings, welding, grinding, polishing, MS anchor plate, MS sleeve, and anchoring in floor and walls, with all accessories, complete in all respects, and as per drawings, specifications. and directions of the Engineer.	Sft	1,870		

SECTION - J

ROOF TREATMENT / EXPANSION JOINT FILLING

Ref Specs: 2100, 2300, 6411

AVIATION COMPLEX AT BLUE AREA, ISLAMABAD

BILL NO. 1.C: CIVIL WORKS (FINISHES WORKS)

BILL OF QUANTITIES

Item No.	Item Description	Unit	Qty	Unit Rate (Rs.)	Total Amount (Rs.)
(i)	(ii)	(iii)	(iv)	(v)	(vi)
B-C- 71	Providing and installation of water proofing treatment on roof slabs comprising: a) Minimum 2.5" thick PCC screed b) Primer for waterproofing membrane. c) 4mm thick Torch waterproofing membrane. d) Polythene sheet 150 micron e) 2" TH. Polystyrene rigid insulation f) Polythene sheet 150 micron g) 2" thick (1:2:4) PCC laid in panels h) 12"x12"x1" insulated concrete tile with PU core fixed with cement sand mortar 1:3. All work shall comply with drawings, specification and as per the direction of the Engineer.	Sft.	50,600		
B-C- 72	Supply & installation of Rubber Column Guard of Size (40" x 4" x 4") including Diamond Garde Micro Prismatic Sheeting Reflective Tape water resistance of color and design as approved by the Engineer with fixing arrangements, complete in all respects .	No.	450		
B-C- 73	Providing and applying pavement marking lines 150 mm wide using approved quality non-reflective chlorinated rubber (CR) paint on prepared pavement surface, including cleaning, surface preparation, layout marking, masking, application by approved method/equipment and all necessary labor, tools, traffic management and consumables, complete in all respects as per drawings, specifications and directions of the Engineer.	Rft	42,210		
B-C- 74	Providing and applying pavement directional arrow markings of 4.0 meter size as per drawings using approved quality non-reflective chlorinated rubber (CR) paint on prepared pavement surface, including cleaning, layout marking, masking/ stenciling, application by approved method/equipment and all necessary labor, tools, traffic management and consumables, complete in all respects as per approved drawings, specifications and directions of the Engineer.	Each	140		
B-C- 75	Supply & installation of Rubber Wheel stopper; Size: 48" x 6" x 4" including Diamond Garde Micro Prismatic Sheeting Reflective Tape water resistance of color and design as approved by the Engineer with fixing arrangements, complete in all respects .	No.	42		
B-C- 76	Supply & installation of Rubber Speed Hump; Size: 20" x 14" x 2" including Diamond Garde Micro Prismatic Sheeting Reflective Tape water resistance of color and design as approved by the Engineer with fixing arrangements, complete in all respects .	Rft	710		

AVIATION COMPLEX AT BLUE AREA, ISLAMABAD

BILL NO. 1.C: CIVIL WORKS (FINISHES WORKS)

BILL OF QUANTITIES

Item No.	Item Description	Unit	Qty	Unit Rate (Rs.)	Total Amount (Rs.)
(i)	(ii)	(iii)	(iv)	(v)	(vi)

SECTION - K
MISCELLANEOUS

B-C- 77 MAIN EMBLEM OF PAA

Supply, fabrication and installation of illuminated "PAA" as crown sign to be mounted at the top of building, as per approved design, drawings and Specifications. The work shall include fabrication of sign in approved size and proportions, complete with LED illumination system to achieve uniform backlit/front-lit effect, including diffusers, wiring, drivers and power supply units, structural supporting frame, base plates, brackets, anchor bolts (chemical/mechanical), and all necessary fixing arrangements designed to withstand wind loads and external environmental conditions at height, anti-corrosion treatment (primer, paint or powder coating), weatherproofing, sealing, and finishing and all incidental works shall be included, complete in all respects, as per approved shop drawings and as directed by the Engineer.

Technical Specification

3d fabricated in stainless steel sheet, coated with approved colors, Illuminated with led's mounted on elevation with Stainless Steel special attachments prepared ON Leath machine measuring size 15ft width x 8.8ft height x 0.5ft depth 0.2ft elevated from surface.

Each 2

- B-C- 78** Supply, fabrication and installation of illuminated "PAA" as crown sign to be mounted at the top of building, as per approved design, drawings and Specifications. The work shall include fabrication of sign in approved size and proportions, complete with LED illumination system to achieve uniform backlit/front-lit effect, including diffusers, wiring, drivers and power supply units, structural supporting frame, base plates, brackets, anchor bolts (chemical/mechanical), and all necessary fixing arrangements designed to withstand wind loads and external environmental conditions at height, anti-corrosion treatment (primer, paint or powder coating), weatherproofing, sealing, and finishing and all incidental works shall be included, complete in all respects, as per approved shop drawings and as directed by the Engineer.

Technical Specification

3d fabricated in stainless steel sheet coated with approved colors, Illuminated with led's mounted on elevation with Stainless Steel special attachments prepared ON Leath machine, Measuring size 7.5ft width x 4.4ft height x 0.25ft depth, 0.1ft elevated from surface.

Each 1

AVIATION COMPLEX AT BLUE AREA, ISLAMABAD

BILL NO. 1.C: CIVIL WORKS (FINISHES WORKS)

BILL OF QUANTITIES

Item No.	Item Description	Unit	Qty	Unit Rate (Rs.)	Total Amount (Rs.)
(i)	(ii)	(iii)	(iv)	(v)	(vi)
B-C- 79	Providing, fabricating, transporting, and installing PAA Monument / Pylon Sign at the designated visible highlighted location, comprising standalone 3D fabricated structure made of approved quality ACP sheets over complete internal mild steel supporting framework, duly mounted on RCC footing with required mild steel base plates, anchor bolts, and attachments. The work shall include fabrication and fixing of PAA emblem and wording in 3D raised letters, internally illuminated with LED lighting system including drivers, wiring, power accessories, and all allied works. The monument shall be complete with weather-resistant paint/coating, finishing, testing, commissioning, and all accessories as per approved drawings and instructions of the Engineer. Overall size of monument shall be 8'-0" width × 8'-0" height with 6" depth/elevated projection, complete in all respects.	No.	1		
B-C- 80	Providing, fabricating, transporting, and installing On-Road Directional Pylon Sign for building entrance, parking area, exit, and other directional guidance, comprising standalone 3D fabricated structure made of approved quality ACP sheets over complete internal mild steel supporting framework, duly mounted on RCC footing with required mild steel base plates, anchor bolts, and attachments. The work shall include fabrication and fixing of emblem, directional arrows, and wording in 3D raised letters, internally illuminated with LED lighting system including drivers, wiring, control gear, and all allied electrical accessories. The pylon sign shall be installed over 0.6 ft high RCC fair-face pedestal/elevated base above finished ground level, complete with smooth exposed concrete finish. Overall size of pylon sign shall be 6'-0" width × 15'-0" height with 1'-3" depth/elevated projection, including weatherproof coating, finishing, testing, commissioning, and all incidental works, complete in all respects as per approved drawings and instructions of the Engineer.	No.	8		

AVIATION COMPLEX AT BLUE AREA, ISLAMABAD

BILL NO. 1.C: CIVIL WORKS (FINISHES WORKS)

BILL OF QUANTITIES

Item No.	Item Description	Unit	Qty	Unit Rate (Rs.)	Total Amount (Rs.)
(i)	(ii)	(iii)	(iv)	(v)	(vi)
B-C- 81	Providing, fabricating, transporting, and installing Parking Lot Directional Pylon Sign for building entrance, parking area, exit, and other directional guidance, comprising standalone 3D fabricated structure made of approved quality ACP sheets over complete internal mild steel supporting framework, duly mounted on RCC footing with required mild steel base plates, anchor bolts, and attachments. The work shall include fabrication and fixing of symbols, directional arrows, and wording in 3D raised letters, internally illuminated with LED lighting system including drivers, wiring, control gear, and all allied electrical accessories. The pylon sign shall be installed over 0.6 ft high RCC fair-face pedestal/elevated base above finished ground level, complete with exposed concrete fair-face finish. Overall size of pylon sign shall be 1'-6" width × 10'-0" height with 1'-0" depth/elevated projection, including weatherproof coating, finishing, testing, commissioning, and all incidental works, complete in all respects as per approved drawings and instructions of the Engineer.	No.	16		
B-C- 82	Providing, fabricating, and fixing Parking Signage at parking levels, wall-mounted type, designated for offices, visitors, staff, and other parking guidance, comprising signage fabricated from approved quality 304 Grade stainless steel sheet (1/16" thick) with required pictographs, symbols, and text finished in approved Pantone colours. The sign shall be fixed over 4 mm thick acrylic backing/support sheet, properly countered and secured with stainless steel screws to the surface, while the main stainless steel sign face shall be mounted using approved silicone adhesive as faceplate signage. Overall size of signage shall be 0.5 ft width × 0.9 ft height with 6 mm depth in contact with surface, including complete fixing accessories, finishing, alignment, and installation, complete in all respects as per approved drawings and instructions of the Engineer.	No.	1,000		
B-C- 83	Providing, fabricating, and installing Double-Sided Hanging Signage at parking levels, designated for offices, visitors, staff, and other directional guidance, comprising signage fabricated from approved quality 304 Grade stainless steel sheet (1/16" thick) with required pictographs, symbols, and text finished in approved Pantone colours. The signage shall be mounted on ACP fabricated box with complete internal mild steel supporting framework and suspended from ceiling through stainless steel hangers/supports. The sign shall be backlit illuminated with LED lighting system including drivers, wiring, and all necessary electrical accessories. Overall size of signage shall be 4'-0" width × 1'-0" height with 0.25 ft depth, suspended 1'-0" below ceiling level, including complete fixing arrangement, finishing, testing, commissioning, and installation, complete in all respects as per approved drawings and instructions of the Engineer.	No.	95		

AVIATION COMPLEX AT BLUE AREA, ISLAMABAD

BILL NO. 1.C: CIVIL WORKS (FINISHES WORKS)

BILL OF QUANTITIES

Item No.	Item Description	Unit	Qty	Unit Rate (Rs.)	Total Amount (Rs.)
(i)	(ii)	(iii)	(iv)	(v)	(vi)
B-C- 84	Providing and applying Pillar Wrap Parking Signage at internal parking levels, including surface preparation and wrapping of structural RCC/steel columns with high-quality matte waterproof vinyl wrap film of approved make and durability. The work shall include design, printing, and installation of directional signage, symbols, and text using white reflective vinyl lettering and graphics, applied over the base vinyl wrap in approved theme colours. The system shall be UV resistant, weatherproof, scratch resistant, and suitable for indoor parking environment, ensuring long-term adhesion without peeling or fading. Work shall include cleaning, surface preparation, primer (if required), precise alignment, bubble-free application, edge sealing, finishing, and all related accessories and labour, complete in all respects as per approved design, theme, drawings, and instructions of the Engineer.	No.	350		
B-C- 85	Providing, fabricating, transporting, and installing 3D Wall Mural at Entrance Lobby featuring Arabic calligraphy script "Allah Hu Noor-us-Samawati Wal Arz", comprising standalone 3D fabricated lettering made from approved quality Grade 304 stainless steel sheet, precision cut, shaped, and finished with premium surface treatment as per approved design intent. The work shall include complete structural backing, concealed stainless steel supports, spacers, and wall mounting accessories ensuring rigid and durable fixation on wall surface. The mural shall be installed with a 0.15 ft depth raised 3D profile and 0.10 ft stand-off elevation from finished wall surface, achieving a layered floating effect as per architectural design requirements. Overall size shall be 16'-0" width x 11'-0" height, including accurate alignment, spacing, finishing, polishing, protective coating (if required), installation, testing, and all incidental works complete in all respects as per approved drawings, calligraphy artwork, and instructions of the Engineer.	No.	1		
B-C- 86	Providing, fabricating, and fixing Typical Room & Authorized Signage as wall-mounted signage system, comprising signage fabricated from approved quality 304 Grade stainless steel sheet (1/16" thick) with pictographs, symbols, and text finished in approved Pantone colours. The signage shall be fixed over 4 mm thick acrylic backing/support plate, properly counter-sunk and secured with stainless steel screws to the wall surface, while the main stainless steel sign face shall be mounted using approved silicone adhesive as faceplate signage. The work shall include provision of set of 3 plates combined in one assembly measuring 6" width x 6.5" height with 6 mm depth, including precise alignment, surface preparation, drilling, fixing accessories, installation, finishing, and all incidental works complete in all respects as per approved design drawings and instructions of the Engineer.	No.	1,467		

AVIATION COMPLEX AT BLUE AREA, ISLAMABAD

BILL NO. 1.C: CIVIL WORKS (FINISHES WORKS)

BILL OF QUANTITIES

Item No.	Item Description	Unit	Qty	Unit Rate (Rs.)	Total Amount (Rs.)
(i)	(ii)	(iii)	(iv)	(v)	(vi)
B-C- 87	Providing, fabricating, and fixing Area/Department Signage as wall-mounted signage system, comprising signage fabricated from approved quality 304 Grade stainless steel sheet (1/16" thick) with required pictographs, symbols, and text finished in approved Pantone colours. The signage shall be fixed over 4 mm thick acrylic backing/support sheet, properly counterered and secured with stainless steel screws to the wall surface, while the main stainless steel sign face shall be mounted using approved silicone adhesive as faceplate signage. The work shall include complete surface preparation, precise alignment, drilling, fixing accessories, installation, finishing, and all necessary incidental works. Overall size of signage shall be 18 inches width × 4 inches height × 6 mm depth (flush contact with surface), complete in all respects as per approved drawings, design intent, and instructions of the Engineer.	No.	200		
B-C- 88	Providing, fabricating, and fixing Typical Door Plates & Directional Signage as wall-mounted signage system, comprising signage fabricated from approved quality 304 Grade stainless steel sheet (1/16" thick) with pictographs, symbols, and text finished in approved Pantone colours. The signage shall be fixed over 4 mm thick acrylic backing/support sheet, properly counterered and secured with stainless steel screws to the wall surface, while the main stainless steel sign face shall be mounted using approved silicone adhesive as faceplate signage. The work shall include complete surface preparation, precise alignment, drilling, fixing accessories, installation, finishing, and all necessary incidental works. Overall size of signage shall be 6 inches width × 6 inches height × 6 mm depth (flush contact with surface), complete in all respects as per approved drawings, signage schedule, and instructions of the Engineer.	No.	390		

AVIATION COMPLEX AT BLUE AREA, ISLAMABAD

BILL NO. 1.C: CIVIL WORKS (FINISHES WORKS)

BILL OF QUANTITIES

Item No.	Item Description	Unit	Qty	Unit Rate (Rs.)	Total Amount (Rs.)
(i)	(ii)	(iii)	(iv)	(v)	(vi)
B-C- 89	Providing, fabricating, and fixing Services Signage as wall-mounted signage system, comprising signage fabricated from approved quality 304 Grade stainless steel sheet (1/16" thick) with required pictographs, symbols, and text finished in approved Pantone colours. The signage shall be fixed over 4 mm thick acrylic backing/support sheet, properly countered and secured with stainless steel screws to the wall surface, while the main stainless steel sign face shall be mounted using approved silicone adhesive as faceplate signage. The work shall include complete surface preparation, precise alignment, drilling, fixing accessories, installation, finishing, and all necessary incidental works. Overall size of signage shall be 6 inches width × 6 inches height × 6 mm depth (flush contact with surface), complete in all respects as per approved drawings, signage schedule, and instructions of the Engineer.	No.	390		
B-C- 90	Providing, fabricating, and installing Services Signage at office and amenity levels, comprising double-sided hanging signage for identification of office floors, gym, recreational areas, auditorium, and other facilities, as per approved signage schedule. The signage shall be fabricated from approved quality 304 Grade stainless steel sheet (1/16" thick) with pictographs, symbols, and text finished in approved Pantone colours. The signage shall be mounted on 6 mm thick crystal clear acrylic panel, suspended from ceiling using approved stainless steel hangers, rods, and accessories ensuring rigid and stable installation. The system shall be suitable for double-sided visibility and shall include all necessary supports, fasteners, and fixing arrangements. Overall size of signage shall be 3.5 ft width × 1.25 ft height × 8 mm depth, suspended 1 ft below ceiling level, complete with all fabrication, finishing, alignment, installation, testing, and all incidental works, complete in all respects as per approved drawings, specifications, and instructions of the Engineer.	No.	312		

AVIATION COMPLEX AT BLUE AREA, ISLAMABAD

BILL NO. 1.C: CIVIL WORKS (FINISHES WORKS)

BILL OF QUANTITIES

Item No.	Item Description	Unit	Qty	Unit Rate (Rs.)	Total Amount (Rs.)
(i)	(ii)	(iii)	(iv)	(v)	(vi)
B-C- 91	Providing, fabricating, and installing Way Finding Directional Signage at office and amenity levels, comprising double-sided hanging signage for wayfinding to office floors, gym, recreational areas, auditorium, and other facility spaces as per approved signage strategy and drawings. The signage shall be fabricated from approved quality 304 Grade stainless steel sheet (1/16" thick) with pictographs, symbols, and text finished in approved Pantone colours. The signage system shall be mounted on 6 mm thick crystal clear acrylic panel, suspended from ceiling using approved stainless steel hangers, rods, and accessories ensuring rigid, stable, and vibration-free installation. Each sign shall incorporate modular directional slots for changeable information. Each signage unit shall comprise single slot size 4 inches × 48 inches, with provision of maximum 4 slots per sign, arranged as per approved layout. The complete signage shall be suspended 1 ft below ceiling level, suitable for double-sided visibility. Work shall include design coordination, fabrication, edge finishing, drilling, fixing accessories, installation, alignment, testing, and all necessary incidental works complete in all respects as per approved drawings, signage system standards, and instructions of the Engineer.	No.	520		
B-C- 92	Providing, fabricating, transporting, and installing 3D Wall Mural at Male Prayer Area, featuring Arabic calligraphy script "Fabi bi ayyi aala'i rabbikuma tukazziban", comprising standalone 3D fabricated lettering made from approved quality Grade 304 stainless steel sheet, precision cut, shaped, and finished as per approved calligraphic design. The mural shall be securely fixed on wall using concealed stainless steel spacers, brackets, and approved fasteners ensuring firm and durable installation. The lettering shall be installed with 1 inch raised 3D projection (depth) directly in contact configuration with wall surface, maintaining precise alignment and spacing as per architectural intent. Overall size of mural shall be 1.7 ft width × 4 ft height, complete with surface finishing, polishing, protective coating (if required), installation, alignment, testing, and all incidental works, complete in all respects as per approved drawings, artwork and instructions of the Engineer.	No.	1		

AVIATION COMPLEX AT BLUE AREA, ISLAMABAD

BILL NO. 1.C: CIVIL WORKS (FINISHES WORKS)

BILL OF QUANTITIES

Item No.	Item Description	Unit	Qty	Unit Rate (Rs.)	Total Amount (Rs.)
(i)	(ii)	(iii)	(iv)	(v)	(vi)
B-C- 93	Providing, fabricating, transporting, and installing 3D Wall Mural at Male Prayer Area, featuring Arabic calligraphy script "Hasbunallahu wa ni'mal wakeel", comprising standalone 3D fabricated lettering made from approved quality Grade 304 stainless steel sheet, precision cut, shaped, and finished as per approved calligraphic design. The mural shall be securely fixed on wall using concealed stainless steel spacers, brackets, and approved fasteners ensuring rigid and durable installation. The lettering shall be installed with 1 inch raised 3D projection (depth) in contact with wall surface, ensuring proper alignment, spacing, and aesthetic integration with the prayer area interior. Overall size of mural shall be 4 ft width × 1.64 ft height, complete with surface finishing, polishing, protective coating (if required), installation, alignment, testing, and all incidental works, complete in all respects as per approved drawings, artwork, and instructions of the Engineer.	No.	1		
B-C- 94	Providing, fabricating, and fixing Warning, Hazard, and Public Services Messages Signage as wall-mounted signage system, comprising signage fabricated from approved quality 304 Grade stainless steel sheet (1/16" thick) with pictographs, hazard symbols, and text finished in approved Pantone colours for clear visibility and safety communication. The signage shall be fixed over 4 mm thick acrylic backing/support sheet, properly countered and secured with stainless steel screws to the wall surface, while the main stainless steel sign face shall be mounted using approved silicone adhesive as faceplate signage. The work shall include complete surface preparation, precise alignment, drilling, fixing accessories, installation, finishing, and all necessary incidental works. Overall size of signage shall be 1 ft width × 1 ft height × 6 mm depth (flush contact with surface), complete in all respects as per approved drawings, safety standards, and instructions of the Engineer	No.	125		

AVIATION COMPLEX AT BLUE AREA, ISLAMABAD

BILL NO. 1.C: CIVIL WORKS (FINISHES WORKS)

BILL OF QUANTITIES

Item No.	Item Description	Unit	Qty	Unit Rate (Rs.)	Total Amount (Rs.)
(i)	(ii)	(iii)	(iv)	(v)	(vi)
B-C- 95	Providing, fabricating, and fixing Emergency Evacuation Plan Signage as wall-mounted signage system, comprising signage fabricated from approved quality 304 Grade stainless steel sheet (1/16" thick) with required pictographs, evacuation route diagram, safety symbols, and text finished in approved Pantone colours for high visibility and compliance with emergency safety standards. The signage shall be fixed over 4 mm thick acrylic backing/support sheet, properly countered and secured with stainless steel screws to the wall surface, while the main stainless steel sign face shall be mounted using approved silicone adhesive as faceplate signage. The work shall include complete design integration of evacuation plan layout, surface preparation, precise alignment, fixing accessories, installation, finishing, and all necessary incidental works. Overall size of signage shall be 2.5 ft width × 2.5 ft height × 6 mm depth (flush contact with surface), complete in all respects as per approved drawings, safety regulations, and instructions of the Engineer.	No.	104		
B-C- 96	Providing, fabricating, and fixing Floor Number Signage at emergency staircases and lift lobbies, comprising wall-mounted 3D fabricated numerals made from approved quality 304 Grade stainless steel sheet (1/16" thick), precision cut, formed, and finished as per approved design intent. The signage shall be securely fixed to the wall using concealed stainless steel attachments, spacers, and fasteners ensuring firm and durable installation with proper alignment and leveling. The lettering shall be installed in raised 3D form with 0.5 inch projection depth, maintaining direct contact configuration with the wall surface. Overall size of each floor number signage shall be 9 inches width × 0.5 inch depth, complete with surface finishing, polishing, installation, alignment, and all necessary incidental works, complete in all respects as per approved drawings, signage standards, and instructions of the Engineer.	No.	208		

AVIATION COMPLEX AT BLUE AREA, ISLAMABAD

BILL NO. 1.C: CIVIL WORKS (FINISHES WORKS)

BILL OF QUANTITIES

Item No.	Item Description	Unit	Qty	Unit Rate (Rs.)	Total Amount (Rs.)
(i)	(ii)	(iii)	(iv)	(v)	(vi)

SECTION - L
MISCELLANEOUS

- B-C- 97 The supply, fabrication, and installation of a complete garbage chute system shall consist of a main vertical duct with an 800mm internal diameter manufactured from 2mm thick Stainless Steel Grade 304, featuring factory-welded longitudinal seams for a smooth, snag-free internal surface. Each floor level shall be equipped with 500mm x 700mm intake hopper door that is self-closing, self-sealing, and 2-hour fire-rated, complete with a dedicated door lock device and floor indicators. Hygiene maintenance is ensured through the provision of a cleaning outlet at each floor, integrated with an automated sanitation system at the top level comprising a disinfectant tank and high-pressure scouring nozzles. The installation includes the provision of aluminum trolley guards and rubber guard rails as per approved details to protect the structure, alongside a 2.5 cubic meter (Cum) garbage container. Safety and environmental controls include an automatic fire discharge shutter at the base held by a 79°C fusible link, a roof-mounted ventilation system with a weather-proof cowl and exhaust fan, and internal fire sprinklers. The entire chute shall be coated externally with a 2mm sound-dampening, anti-vibration material and securely anchored at each floor slab using galvanized steel support frames.

Job 1

BOUNDARY WALLS & MAIN GATE

SECTION - A
EARTH WORKS

(Ref. Specs: 0130, 0150, 1100)

- B-C- 1 Excavation in all kinds of soil / materials, disposal of unsuitable material outside the Project limits and stacking of suitable material as designated/ approved by the Engineer including all lead and lift.

Cft 4,495

SECTION - B
PLAIN AND REINFORCED CONCRETE

Ref Specs: 2100, 2200, 2300

- B-C- 2 Providing and laying Plain Cement Concrete Class "E" under foundations, walls, plinth beams, steps etc., including leveling, compacting, curing etc., complete in all respects.

Cft 605

- B-C- 3 Providing and laying reinforcement cement concrete Class 'B' for footing, columns and plinth beams etc. including form work, leveling, curing, compacting with smooth finish etc., complete in all respect and as approved by The Engineer.

Cft 2,990

AVIATION COMPLEX AT BLUE AREA, ISLAMABAD

BILL NO. 1.C: CIVIL WORKS (FINISHES WORKS)

BILL OF QUANTITIES

Item No.	Item Description	Unit	Qty	Unit Rate (Rs.)	Total Amount (Rs.)
(i)	(ii)	(iii)	(iv)	(v)	(vi)
B-C- 4	Supply, cutting, bending, placing, and fixing in position of high yield deformed reinforcement bars of Steel Grade 60, including all laps, chairs, spacers, binding wires, supports, hooks, and all other accessories as per drawings and specifications and as directed by the Engineer.	M.Ton	12		
SECTION - C CEMENT PLASTER Ref Specs: 6521					
B-C- 5	½" thick 1:4 cement sand plaster in any floor and at any height, complete in all respects.	Sft.	6,120		
SECTION - D PAINTING Ref Specs: 6700					
B-C- 6	Providing and applying approved quality stone finish texture coating on external plastered surfaces as specified. The work shall include surface preparation by cleaning, removing laitance, dust, and loose particles; application of primer/sealer coat; followed by one or more coats of texture finish of approved shade, make, and texture pattern to achieve uniform coverage and decorative appearance. The coating shall be applied strictly in accordance with the manufacturer's specifications, using approved tools and techniques to ensure durability, adhesion, and aesthetic quality, complete in all respects and as directed by the Engineer.	Sft	6,120		
B-C- 7	Two Coats of Bitumen (10/20 Grade) applied at the rate of 0.49 kg/Sqm per coat, complete in all respects and as directed by the Engineer.	Sft.	7,360		
SECTION - E STEEL WORKS Ref Specs: 3000, 6700					
B-C- 8	Providing & Fixing M.S Solid Square bars Boundary wall fencing (1"x1" ,3/4"x3/4' & 1/2" x1/2") M.S Solid square bars including Welding, Painting & Installation on Site, complete in all respects as shown drawing or as approved by The Engineer.	Rft	1,015		
B-C- 9	Provide, Fabricate & Install of Main Entrance Gate, Comprising of M.S Square Box Section Frame of 4"x4"x12SWG Size & 1-1/2"x4"x14SWG MS Box Section Including Including Hold Fast, Earl Lock, Cutting, Jointing, Bending , Welding with Red Oxide Primer & Enamel Painting etc, As shown on Drawings or as Directed by the Engineer, Complete in all Respects.	Sft	570		

AVIATION COMPLEX AT BLUE AREA, ISLAMABAD

BILL NO. 1.C: CIVIL WORKS (FINISHES WORKS)

BILL OF QUANTITIES

Item No.	Item Description	Unit	Qty	Unit Rate (Rs.)	Total Amount (Rs.)
(i)	(ii)	(iii)	(iv)	(v)	(vi)
Total Amount (Rs.)					