



**BUILDING
FINISHING MATERIALS
AND
SPECIFICATIONS**

PUNJAB ARCHITECTURE DEPARTMENT

JUNE 2022

OFFICE BUILDINGS



OFFICE BUILDINGS

FINISHING MATERIAL SPECIFICATIONS

BUILDING COMPONENT	FLOORS	SKIRTING / DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	MISCELLANEOUS	EXTERIOR FINISH
LOBBIES/ RECEPTIONS/ WAITING AREAS/ VERANDAHS & CORRIDORS (PUBLIC & EXECUTIVE)	<ul style="list-style-type: none"> ▪ ¾” Th. Natural Granite ▪ ¾” Th. Natural Marble ▪ Appropriate Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect. ▪ Terrazzo tiles 2” th 24”x24” or 18” x18”/ 1” th 12”x12” ▪ Solid hard wood flooring 	<ul style="list-style-type: none"> • 4” high in matching material. • Dado in matching material up to 4’-0”or other appropriate height decided by the architect. 	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ Acrylic based plastic emulsion paint ▪ Natural Stone cladding on specified walls/wall areas ▪ Tiles cladding on specified walls/wall areas ▪ Decorative Wooden / POP/PVC/MDF moulding on walls / wall cladding. ▪ HDF/fibre cement board wall cladding 	<ul style="list-style-type: none"> ▪ Plastic emulsion paint ▪ Matt Enamel paint 	<ul style="list-style-type: none"> ▪ Plaster of Paris (POP) false ceiling ▪ Powder coated Al. panel False ceiling/Dampa ▪ 2’x2’ Gypsum board false ceiling on Al. frame. ▪ MDF/HDF false ceiling on solid wood frame. 	<ul style="list-style-type: none"> • Solid wood panelled door • Solid wood glazed French door • Solid core flush doors with 5 mm Thick ply pressed over MDF base ▪ Solid wood Engineered door. ▪ Anodized Al glazed/semi glazed door window ▪ Tempered glass (12 mm th) frame less sensor door. • Steel Collapsible door may be adopted with Al/uPVC profile where required. • Door handles/locks & latches – size 8” to 15” of good quality alloy/brass. 	<ul style="list-style-type: none"> • Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel. • Solid wood glazed open able windows with open able wire gauze panels. • UPVC glazed/double glazed sliding or open able windows. • Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel. 		<ul style="list-style-type: none"> ▪ Fair face brick ▪ Clad brick (Gutka) ▪ Fair face concrete ▪ Washed terrazzo ▪ Aluminum cladding panels ▪ Wall coatings <ul style="list-style-type: none"> • Acrylic coating • Weather shield exterior paint ▪ Natural stone cladding <ul style="list-style-type: none"> • Sand stone • Slate stone • Granite • Marble • Travertine
STAIRCASE & ENT STEPS/ /RAMPS	<ul style="list-style-type: none"> • Stair cases to be finished in 1” thick pre polished granite slab or 1” thick pre polished marble slab with non skid strips/grooves along front edges S.S staircase railing with S.S. pipe handrail as per architect design/ M.S staircase square bar railing with solid wood hand rail above as per architect design. • Ramps to be finished in conglomerate /terrazzo/ marble in non slip pattern as per architect design 								
EXECUTIVE OFFICES	<ul style="list-style-type: none"> ▪ Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect. ▪ ¾” th Granite ▪ ¾” Th. Natural Marble ▪ Solid hard wood flooring ▪ Laminate Flooring ▪ Wood Plastic Composite floor 	<ul style="list-style-type: none"> • 4” high in matching material. • Dado in matching material up to 4’-0”or other appropriate height decided by the architect. 	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ Acrylic based plastic emulsion paint ▪ Natural Stone cladding on specified walls/wall areas ▪ Tiles cladding on specified walls/wall areas ▪ Decorative Wooden / POP moulding on walls / HDF wall panelling ▪ Vinyl wall papers ▪ Fabric wall papers 	<ul style="list-style-type: none"> ▪ Plastic emulsion paint 	<ul style="list-style-type: none"> ▪ Plaster of Paris (POP) false ceiling ▪ MDF/HDF false ceiling on solid wood frame. 	<ul style="list-style-type: none"> • Solid wood panelled door • Solid wood glazed French door • Solid core flush doors with 5 mm Thick ply pressed over MDF base ▪ Solid wood Engineered door. ▪ Door handles/locks & latches – size 8”to 15” of good quality alloy/brass. 	--do--		<ul style="list-style-type: none"> ▪ Tiles cladding • External Decks / pathways / Driveways may be finished in concrete pavers/marble/terrazzo/terrazzo tiles/brick or their combination.. • Roof may be finished in 12” x 12” x 1” Thick Terrazzo Tiles/Mud brick/Marble.

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BUILDING COMPONENT	FLOORS	SKIRTING / DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	EXTERIOR FINISH
STAFF OFFICES	<ul style="list-style-type: none"> ▪ Porcelain tiles (full body) 24"x24" / 24"x48" or as deemed appropriate by the architect. ▪ ¾" Th. Natural Marble ▪ Terrazzo tiles 2" th 24"x24" or 18" x18"/ 1" th 12"x12" 	<ul style="list-style-type: none"> • 4" high in matching material. • Dado in matching material up to 4'-0" or other appropriate height decided by the architect. 	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ plastic emulsion paint 	<ul style="list-style-type: none"> ▪ Plastic emulsion paint 	<ul style="list-style-type: none"> ▪ Plaster of Paris (POP) false ceiling ▪ Powder coated Al. panel False ceiling ▪ 2'x2' Gypsum board false ceiling on Al. frame. 	<ul style="list-style-type: none"> • Solid core flush doors with 5 mm Thick ply pressed over MDF base ▪ Solid wood Engineered door. ▪ Door handles/locks & latches – size 8" to 15" of good quality alloy/brass. 	<ul style="list-style-type: none"> • Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel. • Solid wood glazed open able windows with open able wire gauze panels. • UPVC glazed/double glazed sliding or open able windows. • Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel.. 	
RECORD ROOM	<ul style="list-style-type: none"> ▪ ¾" Th. Natural Marble ▪ Terrazzo tiles 2" th 24"x24" or 18" x18"/ 1" th 12"x12" ▪ Terrazzo (cast in situ) 	-do-	-do-	-do-	--	<ul style="list-style-type: none"> ▪ Solid core flush doors with 5 mm Thick ply pressed over MDF base. ▪ Solid wood Engineered door. ▪ Door handles/locks & latches – size 8" to 15" of good quality alloy/brass. 	-do-	
CONFERENCE ROOM/ BOARD ROOM/ MULTI PURPOSE HALL	<ul style="list-style-type: none"> ▪ Porcelain tiles (full body) 24"x24" / 24"x48" or as deemed appropriate by the architect. • Solid hard wood flooring ▪ Laminate Flooring 	-do-	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ Acrylic based plastic emulsion paint ▪ Natural Stone/tiles cladding on specified walls/wall areas ▪ Decorative Wooden / POP/PVC/MDF moulding on walls / wall cladding. ▪ HDF/fibre cement board wall cladding ▪ Vinyl wall papers ▪ Fabric wall papers ▪ Acoustic panels 	-do-	<ul style="list-style-type: none"> ▪ Plaster of Paris (POP) false ceiling ▪ Powder coated Al. panel False ceiling/Dampa ▪ 2'x2' Gypsum board false ceiling on Al. frame. ▪ MDF/HDF false ceiling on solid wood frame. 	<ul style="list-style-type: none"> • Solid wood panelled door • Solid wood glazed French door. • Solid core flush doors with 5 mm Thick ply pressed over MDF base ▪ Solid wood Engineered door. ▪ Door handles/locks & latches – size 8" to 15" of good quality alloy/brass. 	-do-	

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FINISHING MATERIAL SPECIFICATIONS

BUILDING COMPONENT	FLOORS	SKIRTING / DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	MISCELLANEOUS	EXTERIOR FINISH
KITCHEN/ PANTRY	<ul style="list-style-type: none"> • Porcelain tiles (full body) 24"x24" or as deemed appropriate by the architect. 	<ul style="list-style-type: none"> ▪ Glazed porcelain tiles between Counter top and cabinet 	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ plastic emulsion paint 	<ul style="list-style-type: none"> ▪ plastic emulsion paint 	NIL	<ul style="list-style-type: none"> ▪ Solid wood Engineered semi-glazed door. ▪ Wood plastic composite semi-glazed door ▪ Solid wood panelled semi glazed door. ▪ Solid core flush semi-glazed door ▪ Door handles/locks & latches – size 8" to 15" of good quality alloy/brass. 	<ul style="list-style-type: none"> • Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel. • Solid wood glazed open able windows with open able wire gauze panels. • UPVC glazed/double glazed sliding or open able windows. • Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel. 	<ul style="list-style-type: none"> • Corian/ marble/granite tops to be given • Cabinets with RCC structure and tile cladding inside and MDF lamination/PVC foam Board panels to be given in kitchen. • Finished floor of kitchen / pantries to be kept 3/4" lower from remaining floor level. • Heavy duty 12" dia Exhaust fans to be provided • Main hospital kitchen to be designed as S.S kitchen and to be designed by kitchen consultant. 	
WASHROOMS (OFFICERS)	<ul style="list-style-type: none"> ▪ Porcelain tiles (any appropriate size) ▪ Ceramic tiles (any appropriate size) 	<ul style="list-style-type: none"> ▪ Glazed tiles up to ceiling height 	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ Plastic emulsion paint 	<ul style="list-style-type: none"> ▪ Vinyl emulsion paint ▪ Matt enamel Paint 	<ul style="list-style-type: none"> ▪ 2'x2' Gypsum board false ceiling on Al. frame. ▪ False ceiling at 9' height 	<ul style="list-style-type: none"> ▪ Wood plastic composite door ▪ Solid wood panelled door with SS kick plate 4" high. ▪ uPVC doors ▪ Door handles/locks & latches – size 8" to 15" of good quality alloy/brass. 	-do-	<ul style="list-style-type: none"> • Under counter vanities/ Pre-fab PVC vanities to be given • Height of all counters / vanities in wash rooms / lavatories to be kept 2'-9" from F.F. Level. • Finished floors of all lavatories / bath rooms to be kept 3/4" lower from remaining floor level. • 12" dia/12" x 12" exhaust fans to be provided 12" below the ceiling level.(Soffit of the slab) 	
WASHROOMS (STAFF)	<ul style="list-style-type: none"> ▪ Porcelain tiles (any appropriate size) ▪ Ceramic tiles (any appropriate size) 	<ul style="list-style-type: none"> ▪ Glazed tiles up to ceiling height 	<ul style="list-style-type: none"> ▪ Plastic emulsion paint 	<ul style="list-style-type: none"> ▪ Vinyl emulsion paint 	NIL	<ul style="list-style-type: none"> ▪ Wood plastic composite door ▪ uPVC doors ▪ Solid core flush doors with 5 mm Thick ply pressed over MDF base ▪ Door handles/locks & latches – size 8" to 15" of good quality alloy/brass. 	-do-	<ul style="list-style-type: none"> • Best quality fixtures, faucets, looking mirror and bath room accessories are to be used (Porta or equivalent) • Best quality local bathroom fittings (Master or equivalent) to be provided 	
EMERGENCY STAIRCASE	M.S. stair case as per design/ R.C.C. staircase with M.S railing. Fire rated steel door. Steps in matt finish (no glossy surface)								

JUDICIARY BUILDINGS



JUDICIARY BUILDINGS

FINISHING MATERIAL SPECIFICATIONS

BUILDING COMPONENT	FLOORS	SKIRTING / DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	EXTERIOR FINISH
LOBBIES/ RECEPTIONS/ WAITING AREAS/ VERANDAHS & CORRIDORS (PUBLIC & EXECUTIVE)	<ul style="list-style-type: none"> ▪ ¾” Th. Natural Granite ▪ ¾” Th. Natural Marble ▪ Appropriate Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect. ▪ Terrazzo tiles 2” th 24”x24” or 18” x18”/ 1” th 12”x12” ▪ Solid hard wood flooring 	<ul style="list-style-type: none"> • 4” high in matching material. • Dado in matching material up to 4’-0”or other appropriate height decided by the architect. 	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ Acrylic based plastic emulsion paint ▪ Natural Stone cladding on specified walls/wall areas ▪ Tiles cladding on specified walls/wall areas ▪ Decorative Wooden / POP/PVC/MDF moulding on walls / wall cladding. ▪ HDF/fibre cement board wall cladding 	<ul style="list-style-type: none"> ▪ Plastic emulsion paint ▪ Matt Enamel paint 	<ul style="list-style-type: none"> ▪ Plaster of Paris (POP) false ceiling ▪ Powder coated Al. panel False ceiling/Dampa ▪ 2’x2’ Gypsum board false ceiling on Al. frame. ▪ MDF/HDF false ceiling on solid wood frame. 	<ul style="list-style-type: none"> • Solid wood panelled door • Solid wood glazed French door • Solid core flush doors with 5 mm Thick ply pressed over MDF base ▪ Solid wood Engineered door. ▪ Anodized Al glazed/semi glazed door window ▪ Tempered glass (12 mm th) frame less sensor door. • Steel Collapsible door may be adopted with Al/uPVC profile where required. ▪ Door handles/locks & latches – size 8” to 15” of good quality alloy/brass. 	<ul style="list-style-type: none"> • Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel. • Solid wood glazed open able windows with open able wire gauze panels. • UPVC glazed/double glazed sliding or open able windows. • Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel. 	<ul style="list-style-type: none"> ▪ Fair face brick ▪ Clad brick (Gutka) ▪ Fair face concrete ▪ Washed terrazzo ▪ Aluminum cladding panels ▪ Wall coatings <ul style="list-style-type: none"> •Acrylic coating •Weather shield exterior paint ▪ Natural stone cladding <ul style="list-style-type: none"> • Sand stone • Slate stone • Granite • Marble • Travertine ▪ Tiles cladding
STAIRCASE & ENT STEPS/ /RAMPS	<ul style="list-style-type: none"> • Stair cases to be finished in 1” thick pre polished granite slab or 1” thick pre polished marble slab with non skid strips/grooves along front edges S.S staircase railing with S.S. pipe handrail as per architect design/ M.S staircase square bar railing with solid wood hand rail above as per architect design. • Ramps to be finished in conglomerate /terrazzo/ marble in non slip pattern as per architect design 							
EXECUTIVE OFFICES	<ul style="list-style-type: none"> ▪ Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect. ▪ ¾” th Granite ▪ ¾” Th. Natural Marble ▪ Solid hard wood flooring ▪ Laminate Flooring ▪ Wood Plastic Composite floor 	<ul style="list-style-type: none"> • 4” high in matching material. • Dado in matching material up to 4’-0”or other appropriate height decided by the architect. 	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ Acrylic based plastic emulsion paint ▪ Natural Stone cladding on specified walls/wall areas ▪ Tiles cladding on specified walls/wall areas ▪ Decorative Wooden / POP moulding on walls / HDF wall panelling ▪ Vinyl wall papers ▪ Fabric wall papers 	<ul style="list-style-type: none"> ▪ Plastic emulsion paint 	<ul style="list-style-type: none"> ▪ Plaster of Paris (POP) false ceiling ▪ MDF/HDF false ceiling on solid wood frame. 	<ul style="list-style-type: none"> • Solid wood panelled door • Solid wood glazed French door • Solid core flush doors with 5 mm Thick ply pressed over MDF base ▪ Solid wood Engineered door. ▪ Door handles/locks & latches – size 8” to 15” of good quality alloy/brass. 	--do--	<ul style="list-style-type: none"> •External Decks / pathways / Driveways may be finished in concrete pavers/marble/terrazzo/terrazzo tiles/brick or their combination.. • Roof may be finished in 12” x 12” x 1” Thick Terrazzo Tiles/Mud brick/Marble.

JUDICIARY BUILDINGS

FINISHING MATERIAL SPECIFICATIONS

BUILDING COMPONENT	FLOORS	SKIRTING / DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	MISCELLANEOUS	EXTERIOR FINISH
COURT ROOMS	<ul style="list-style-type: none"> ▪ ¾” Th. Natural Granite ▪ ¾” Th. Natural Marble ▪ Porcelain Tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect. ▪ Solid wood flooring in select areas. 	<ul style="list-style-type: none"> • 4” high in matching material. • Dado in matching material up to 4’-0”or other appropriate height decided by the architect. 	<ul style="list-style-type: none"> ▪ Plastic emulsion paint ▪ Matt Enamel paint 	<ul style="list-style-type: none"> ▪ Plastic emulsion paint ▪ Matt Enamel paint 	<ul style="list-style-type: none"> ▪ Plaster of Paris (POP) false ceiling ▪ Powder coated Al. panel False ceiling/Dumpa ▪ 2’x2’ Gypsum board false ceiling on Al. frame. ▪ MDF/HDF false ceiling on solid wood frame. ▪ Solid wood false ceiling 	<ul style="list-style-type: none"> • Solid wood panelled door • Solid wood glazed French door • Solid core flush doors with 5 mm Thick ply pressed over MDF base ▪ Solid wood Engineered door. ▪ Door handles/locks & latches – size 8” to 15” of good quality alloy/brass. 	<ul style="list-style-type: none"> • Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel. • Solid wood glazed open able windows with open able wire gauze panels. • UPVC glazed/double glazed sliding or open able windows. • Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel. 		
JUDGES CHAMBERS	<ul style="list-style-type: none"> ▪ Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect. ▪ ¾” th Granite ▪ ¾” Th. Natural Marble ▪ Solid hard wood flooring ▪ Laminate Flooring ▪ Wood Plastic Composite floor 	<ul style="list-style-type: none"> • 4” high in matching material. • Dado in matching material up to 4’-0”or other appropriate height decided by the architect. 	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ Acrylic based plastic emulsion paint ▪ Natural Stone cladding on specified walls/wall areas ▪ Tiles cladding on specified walls/wall areas ▪ Decorative Wooden / POP/PVC/MDF moulding on walls / wall cladding. ▪ HDF/fibre cement board wall cladding ▪ Vinyl wall papers ▪ Fabric wall papers 	-do-	-do-	-do-	-do-		

OFFICE OF THE CHIEF ARCHITECT, PUNJAB

JUDICIARY BUILDINGS

FINISHING MATERIAL SPECIFICATIONS

BUILDING COMPONENT	FLOORS	SKIRTING / DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	EXTERIOR FINISH
STAFF OFFICES	<ul style="list-style-type: none"> ▪ Porcelain tiles (full body) 24"x24" / 24"x48" or as deemed appropriate by the architect. ▪ ¾" Th. Natural Marble ▪ Terrazzo tiles 2" th 24"x24" or 18" x18"/ 1" th 12"x12" 	<ul style="list-style-type: none"> • 4" high in matching material. • Dado in matching material up to 4'-0" or other appropriate height decided by the architect. 	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ plastic emulsion paint 	<ul style="list-style-type: none"> ▪ Plastic emulsion paint ▪ Matt Enamel paint 	<ul style="list-style-type: none"> ▪ Plaster of Paris (POP) false ceiling ▪ Powder coated Al. panel False ceiling ▪ 2'x2' Gypsum board false ceiling on Al. frame. 	<ul style="list-style-type: none"> • Solid core flush doors with 5 mm Thick ply pressed over MDF base ▪ Solid wood Engineered door. ▪ Door handles/locks & latches – size 8" to 15" of good quality alloy/brass. 	<ul style="list-style-type: none"> • Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel. • Solid wood glazed open able windows with open able wire gauze panels. • UPVC glazed/double glazed sliding or open able windows. • Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel. 	
RECORD ROOM	<ul style="list-style-type: none"> ▪ ¾" Th. Natural Marble ▪ Terrazzo tiles 2" th 24"x24" or 18" x18"/ 1" th 12"x12" ▪ Terrazzo (cast in situ) 	-do-	-do-	-do-	Nil	<ul style="list-style-type: none"> ▪ Solid core flush doors with 5 mm Thick ply pressed over MDF base. ▪ Solid wood Engineered door. ▪ Door handles/locks & latches – size 8" to 15" of good quality alloy/brass. 	-do-	
CONFERENCE ROOM/ BOARD ROOM/ MULTI PURPOSE HALL	<ul style="list-style-type: none"> ▪ Porcelain tiles (full body) 24"x24" / 24"x48" or as deemed appropriate by the architect. • Solid hard wood flooring ▪ Laminate Flooring 	-do-	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ Acrylic based plastic emulsion paint ▪ Natural Stone/tiles cladding on specified walls/wall areas ▪ Decorative Wooden / POP/PVC/MDF moulding on walls / wall cladding. ▪ HDF/fibre cement board wall cladding ▪ Vinyl wall papers ▪ Fabric wall papers ▪ Acoustic panels 	-do-	<ul style="list-style-type: none"> ▪ Plaster of Paris (POP) false ceiling ▪ Powder coated Al. panel False ceiling/Dampa ▪ 2'x2' Gypsum board false ceiling on Al. frame. ▪ MDF/HDF false ceiling on solid wood frame. 	<ul style="list-style-type: none"> • Solid wood panelled door • Solid wood glazed French door. • Solid core flush doors with 5 mm Thick ply pressed over MDF base ▪ Solid wood Engineered door. ▪ Door handles/locks & latches – size 8" to 15" of good quality alloy/brass. 	-do-	

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KITCHEN/ PANTRY	<ul style="list-style-type: none"> • Porcelain tiles (full body) 24"x24" or as deemed appropriate by the architect. 	<ul style="list-style-type: none"> ▪ Glazed porcelain tiles between Counter top and cabinet 	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ plastic emulsion paint 	<ul style="list-style-type: none"> ▪ Plastic emulsion paint ▪ Matt Enamel paint 	NIL	<ul style="list-style-type: none"> ▪ Solid wood Engineered semi-glazed door. ▪ Wood plastic composite semi-glazed door ▪ Solid wood panelled semi glazed door. ▪ Solid core flush semi-glazed door ▪ Door handles/locks & latches – size 8" to 15" of good quality alloy/brass. 	<ul style="list-style-type: none"> • Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel. • Solid wood glazed open able windows with open able wire gauze panels. • UPVC glazed/double glazed sliding or open able windows. • Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel. 	<ul style="list-style-type: none"> • Corian/ marble/granite tops to be given • Cabinets with RCC structure and tile cladding inside and MDF lamination/PVC foam Board panels to be given in kitchen. • Finished floor of kitchen / pantries to be kept 3/4" lower from remaining floor level. • Heavy duty 12" dia Exhaust fans to be provided • Main hospital kitchen to be designed as S.S kitchen and to be designed by kitchen consultant. 	
WASHROOMS (OFFICERS)	<ul style="list-style-type: none"> ▪ Porcelain tiles ▪ (any appropriate size) ▪ Ceramic tiles ▪ (any appropriate size) 	<ul style="list-style-type: none"> ▪ Glazed tiles up to ceiling height 	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ Plastic emulsion paint 	<ul style="list-style-type: none"> ▪ Vinyl emulsion paint ▪ Matt enamel Paint 	<ul style="list-style-type: none"> ▪ 2'x2' Gypsum board false ceiling on Al. frame. ▪ False ceiling at 9' height 	<ul style="list-style-type: none"> ▪ Wood plastic composite door ▪ Solid wood panelled door with SS kick plate 4" high. ▪ uPVC doors ▪ Door handles/locks & latches – size 8" to 15" of good quality alloy/brass. 	-do-	<ul style="list-style-type: none"> • Under counter vanities/ Pre-fab PVC vanities to be given • Height of all counters / vanities in wash rooms / lavatories to be kept 2'-9" from F.F. Level. • Finished floors of all lavatories / bath rooms to be kept 3/4" lower from remaining floor level. 	
WASHROOMS (STAFF)	<ul style="list-style-type: none"> ▪ Porcelain tiles ▪ (any appropriate size) ▪ Ceramic tiles ▪ (any appropriate size) 	<ul style="list-style-type: none"> ▪ Glazed tiles up to ceiling height 	<ul style="list-style-type: none"> ▪ Plastic emulsion paint 	<ul style="list-style-type: none"> ▪ Vinyl emulsion paint 	NIL	<ul style="list-style-type: none"> ▪ Wood plastic composite door ▪ uPVC doors ▪ Solid core flush doors with 5 mm Thick ply pressed over MDF base ▪ Door handles/locks & latches – size 8" to 15" of good quality alloy/brass. 	-do-	<ul style="list-style-type: none"> • 12" dia/12" x 12" exhaust fans to be provided 12" below the ceiling level.(Soffit of the slab) • Best quality fixtures, faucets, looking mirror and bath room accessories are to be used (Porta or equivalent) • Best quality local bathroom fittings (Master or equivalent) to be provided 	
EMERGENCY STAIRCASE	M.S. stair case as per design/ R.C.C. staircase with M.S railing. Fire rated steel door. Steps in matt finish (no glossy surface)								

HOSPITALS & HEALTH CARE FACILITIES



HOSPITALS AND HEALTH CARE FACILITIES

FINISHING MATERIAL SPECIFICATIONS

BUILDING COMPONENT	FLOORS	SKIRTING & DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	MISCELLANEOUS	EXTERIOR FINISH
LOBBIES/ RECEPTIONS/ WAITING AREAS/ VERANDAHS & CORRIDORS (PUBLIC)	<ul style="list-style-type: none"> ▪ ¾” Th. Natural Granite ▪ ¾” Th. Natural Marble ▪ Matt Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect. ▪ Terrazzo tiles 2” th 24”x24” or 18” x18”/ 1” th 12”x12” ▪ Epoxy Floor 	<ul style="list-style-type: none"> • 4” high skirting in matching material. • Dado in matching material up to 4’-0” or other appropriate height decided by the architect. • Coving at the bottom of the dado & Wooden / POP/PVC/marble moulding at the top of dado. 	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ Acrylic based plastic emulsion paint ▪ Vinyl emulsion paint ▪ Marble/Tiles cladding on specified walls/wall areas 	<ul style="list-style-type: none"> ▪ Plastic emulsion paint • Matt enamel paint 	<ul style="list-style-type: none"> ▪ Plaster of Paris (POP) false ceiling ▪ Powder coated Al. panel False ceiling ▪ 2’x2’ Gypsum board false ceiling on Al. frame. ▪ MDF false ceiling on solid wood frame. 	<ul style="list-style-type: none"> • Semi-Glazed Solid Wood Paneled Door with S.S. Bar at Stretchers' height • Anodized Al semi glazed door/door window with 5 mm th glass. • 12mm th tempered glass sensor doors with air curtain. ▪ Door handles/locks & latches – size 8” to 15” of good quality alloy/brass. 	<ul style="list-style-type: none"> • Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel. • UPVC glazed/double glazed sliding/open able windows with wire gauze panel. • Solid wood glazed open able windows with open able wire gauze panels. 	<ul style="list-style-type: none"> • UPVC/wooden/ • S.S hand rail at stretcher’s height as per design. 	<ul style="list-style-type: none"> ▪ Fair face brick ▪ Clad brick (Gutka) ▪ Fair face concrete ▪ Washed terrazzo ▪ Aluminum cladding panels ▪ Wall coatings <ul style="list-style-type: none"> • Acrylic coating • Weather shield exterior paint ▪ Natural stone cladding <ul style="list-style-type: none"> • Sand stone • Slate stone • Granite • Marble • Travertine ▪ Tiles cladding • External Decks / pathways / Driveways may be finished in concrete pavers/marble/terrazzo/terrazzo tiles/brick/conglomerate or their combination.. • Roof may be finished in 12” x 12” x 1” Thick Terrazzo Tiles/Mud brick/Marble.
EXECUTIVE LOBBY/ WAITING/ CORRIDORS	<ul style="list-style-type: none"> ▪ ¾” Th. Natural Granite ▪ ¾” Th. Natural Marble ▪ Matt Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect. 	-do-	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ Acrylic based plastic emulsion paint ▪ Marble/Tiles cladding on specified walls/wall areas ▪ Decorative Wooden / POP/PVC moulding on walls. ▪ HDF/MDF/FCB wall cladding 	-do-	<ul style="list-style-type: none"> ▪ Plaster of Paris (POP) false ceiling ▪ Powder coated Al. panel False ceiling ▪ 2’x2’ Gypsum board false ceiling on Al. frame. ▪ MDF false ceiling on solid wood frame. ▪ Solid wood false ceiling 	<ul style="list-style-type: none"> • Solid wood panelled door . • Solid wood glazed French door • Solid core flush doors with 5 mm Thick ply pressed over 3 mm thick ply. ▪ Solid wood Engineered door. ▪ Anodized Al glazed door. ▪ Tempered glass (12 mm th) frame less open able door with floor machine and pivot. ▪ Door handles/locks & latches – size 8” to 15” of good quality alloy/brass. 	-do-		

HOSPITALS AND HEALTH CARE FACILITIES

FINISHING MATERIAL SPECIFICATIONS

BUILDING COMPONENT	FLOORS	SKIRTING & DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	MISCELLANEOUS	EXTERIOR FINISH
SEMI STERILE AREA/CLEAN CORRIDORS & LOBBIES	<ul style="list-style-type: none"> ▪ ¾” Th. Natural Granite • Matt Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect. • Epoxy flooring 	<ul style="list-style-type: none"> • 4” high in matching material. • Dado in matching material up to 4’-0” or other appropriate height decided by the architect. • Coving at the bottom of the dado & Wooden / POP/PVC/marble moulding at the top of dado. 	<ul style="list-style-type: none"> • Antimicrobial Paint 	<ul style="list-style-type: none"> • Antimicrobial Paint 	NIL	<ul style="list-style-type: none"> • Solid core flush door with SS plate up to stretcher/bed height or 3’-6”. • Anodized/powder coated Aluminum semi glazed Door with S.S bar/Plate at Stretchers' Height. ▪ Door handles/locks & latches – size 8” to 15” of good quality alloy/brass. 	<ul style="list-style-type: none"> • Optional fixed window if necessarily required in Anodized aluminum /uPVC as per architect specification 	<ul style="list-style-type: none"> • UPVC/wooden/S.S hand rail at stretcher’s height as per design. 	
STAIRCASE & ENT STEPS/RAMPS	<ul style="list-style-type: none"> • Stair cases to be finished in 1” thick pre polished granite slab or 1” thick pre polished marble slab with non skid strips/grooves along front edges S.S staircase railing with S.S. pipe handrail as per architect design/ M.S staircase square bar railing with solid wood hand rail above as per architect design. • Ramps to be finished in conglomerate /terrazzo/ marble in non slip pattern as per architect design 								
OPERATION THEATRES/ SURGICAL SUITES/ CATHETERIZATION LAB	<ul style="list-style-type: none"> • Homogeneous Vinyl Sheet Flooring • Homogeneous sheet rubber • Poured flooring (Epoxy) 		<ul style="list-style-type: none"> • Stainless Steel lining on Internal Wall/ As proposed by concerned Experts (Modular O.Ts) • Antimicrobial Paint 	<ul style="list-style-type: none"> ▪ Antimicrobial Paint 	NIL	<ul style="list-style-type: none"> • Hermetic S.S sensor Doors/As proposed by concerned Experts 	NIL		

HOSPITALS AND HEALTH CARE FACILITIES

FINISHING MATERIAL SPECIFICATIONS

BUILDING COMPONENT	FLOORS	SKIRTING & DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	MISCELLANEOUS
CONSULTANT ROOMS	<ul style="list-style-type: none"> ▪ ¾” Th. Natural Marble/granite ▪ Matt Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect. 	<ul style="list-style-type: none"> • 4” high in matching material. • Dado in matching material up to 4’-0”or other appropriate height decided by the architect. • Coving at the bottom of the dado & Wooden / POP/PVC/marble moulding at the top of dado. 	<ul style="list-style-type: none"> ▪ Plastic emulsion paint ▪ Matt enamel paint 	<ul style="list-style-type: none"> ▪ Plastic emulsion paint ▪ Matt enamel paint 	<ul style="list-style-type: none"> ▪ Plaster of Paris (POP) false ceiling ▪ Powder coated Al. panel False ceiling ▪ 2’x2’ Gypsum board false ceiling on Al. frame. 	<ul style="list-style-type: none"> • Solid core Wooden Flush Door with. S.S bar/Plate upto Stretcher/ bed height. ▪ Door handles/locks & latches – size 8” to 15” of good quality alloy/brass. 	<ul style="list-style-type: none"> • Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel. • Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel. • UPVC glazed/double glazed sliding/open able windows with wire gauze panels. • Solid wood glazed open able windows with open able wire gauze panels. 	
MO & STAFF ROOMS	<ul style="list-style-type: none"> ▪ Matt Porcelain tiles (full body) 24”x24” / 24”x48” or as deemed appropriate by the architect. ▪ Terrazzo tiles 2” th 24”x24” or 18” x18”/ 1” th 12”x12” 	-do-	-do-	-do-	<ul style="list-style-type: none"> ▪ Plaster of Paris (POP) false ceiling ▪ 2’x2’ Gypsum board false ceiling on Al. frame. 	<ul style="list-style-type: none"> ▪ Solid core semi glazed flush doors with. S.S bar/Plate upto Stretcher/bed Height. ▪ Door handles/locks & latches – size 8” to 15” of good quality alloy/brass. 	-do-	
NURSING UNITS /WARDS	<ul style="list-style-type: none"> ▪ ¾” Th. Natural Marble ▪ Matt Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect. ▪ Terrazzo tiles 2” th 24”x24” or 18” x18”/ 1” th 12”x12” 	-do-	-do-	-do-	Powder coated Al. panel False ceiling	-do-	-do-	

HOSPITALS AND HEALTH CARE FACILITIES

FINISHING MATERIAL SPECIFICATIONS

BUILDING COMPONENT	FLOORS	SKIRTING & DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	MISCELLANEOUS
ICU/CCU	<ul style="list-style-type: none"> • Matt Porcelain tiles (full body) (24"x24" / 24"x48" or as deemed appropriate by the architect. • Epoxy flooring. 	<ul style="list-style-type: none"> • 4" high in matching material. • Dado in matching material up to 4'-0" or other appropriate height decided by the architect. • Coving at the bottom of the dado & Wooden / POP/PVC/marble moulding at the top of dado. 	<ul style="list-style-type: none"> • Plastic emulsion paint • Matt Enamel paint. • Antimicrobial Paint 	<ul style="list-style-type: none"> • Plastic emulsion paint • Matt Enamel paint. • Antimicrobial Paint 	NIL	<ul style="list-style-type: none"> • Anodized Aluminum semi glazed Door with S.S Plate up to Stretchers'/bed Height • Semi Glazed Solid core Wooden flush Door with. S.S Plate at Stretchers'/bed Height <ul style="list-style-type: none"> ▪ Door handles/locks & latches – size 8" to 15" of good quality alloy/brass. 	<ul style="list-style-type: none"> • Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel. • Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel. • UPVC glazed/double glazed sliding/open able windows with wire gauze panels. • Solid wood glazed open able/fixed windows with open able wire gauze panels. 	
CSSD	<ul style="list-style-type: none"> ▪ ¾" Th. Natural Marble ▪ Matt Porcelain tiles (full body) (24"x24" / 24"x48" or as deemed appropriate by the architect. ▪ Epoxy flooring. 	<ul style="list-style-type: none"> • 4" high in matching material. • Dado in matching material up to 4'-0" or other appropriate height decided by the architect. 	-do-	-do-	NIL	<ul style="list-style-type: none"> • Semi Glazed Solid core Wooden flush Door with. S.S Plate up to 3'-6" • Anodized Al semi glazed door. ▪ Door handles/locks & latches – size 8" to 15" of good quality alloy/brass. 	NIL	
RADIOLOGY FLOUROSCOPY X-RAY C.T SCAN MAMOGRAPHY	<ul style="list-style-type: none"> • Epoxy/chemical flooring. • Antistatic Floor / As proposed by concerned Experts 	<ul style="list-style-type: none"> • Solvent coating on dado 	<ul style="list-style-type: none"> • X-Ray shield chemical coating. • Lead lining inside wall 	<ul style="list-style-type: none"> • X-Ray shield chemical coating. • Lead lining inside slab 	NIL	<ul style="list-style-type: none"> • X-Ray Shield Door. 	NIL	
LINEAR ACCELERATOR	<ul style="list-style-type: none"> • Antistatic Flooring 	<ul style="list-style-type: none"> ▪ Dado in matching material up to 4'-0" or other appropriate height decided by the architect. 	<ul style="list-style-type: none"> • Lead lining inside 4 feet thick wall 	<ul style="list-style-type: none"> • X-Ray shield chemical coating. • Lead lining inside slab 	NIL	<ul style="list-style-type: none"> • Linear accelerator Shield Door. 	NIL	

HOSPITALS AND HEALTH CARE FACILITIES

FINISHING MATERIAL SPECIFICATIONS

BUILDING COMPONENT	FLOORS	SKIRTING & DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	MISCELLANEOUS
PATHOLOGY LABS	<ul style="list-style-type: none"> • Matt Porcelain tiles (full body) (24"x24" / 24"x48" or as deemed appropriate by the architect. • Epoxy Floor 	<ul style="list-style-type: none"> • 4" high in matching material. • Dado in matching material up to 4'-0" or other appropriate height decided by the architect. • Coving at the bottom of the dado & Wooden / POP/PVC/marble moulding at the top of dado. 	•Antimicrobial Paint	•Antimicrobial Paint	NIL	<ul style="list-style-type: none"> • Solid core flush doors with 5 mm Thick ply pressed over 3 mm thick ply with S.S bar/Plate at Stretchers' Height. • Door handles/locks & latches – size 8" of good quality alloy/brass. 	<ul style="list-style-type: none"> • Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel. • Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel. • UPVC glazed/double glazed sliding/open able windows with wire gauze panels. • Solid wood glazed open able/ fixed windows with open able wire gauze panels. 	<ul style="list-style-type: none"> ▪ Height of all counters in Labs to be kept at 3'-0" from F.F. Level. ▪ All counter tops to be finished in natural marble/ granite/ brushed S.S sheets ▪ Cabinets with RCC structure and tile cladding inside ▪ PVC formboard / UV sheet/ MDF lamination board Cabinet shutters to be provided.
LAUNDRY	<ul style="list-style-type: none"> ▪ Matt Porcelain tiles (full body) (24"x24" / 24"x48" or as deemed appropriate by the architect. ▪ Terrazzo tiles 2" th 24"x24" or ▪ 18" x18"/ 1" th 12"x12" 	<ul style="list-style-type: none"> • 4" high in matching material. • Dado in matching material up to 4'-0" or other appropriate height decided by the architect. 	<ul style="list-style-type: none"> •Acrylic based plastic emulsion paint •Vinyl emulsion 	▪ Plastic emulsion paint	NIL	• Aluminum Doors/As proposed by concerned Experts.	-do-	
GENERAL STORES/ MEDICINE STORES	<ul style="list-style-type: none"> ▪ ¾" Th. Natural Marble ▪ Terrazzo tiles 2" th 24"x24" or ▪ 18" x18"/ 1" th 12"x12" 	-do-	-do-	-do-	NIL	<ul style="list-style-type: none"> • Solid core flush doors with 5 mm Thick ply pressed over 3 mm thick ply • Door handles/locks & latches – size 8" of good quality alloy/brass. 	-do-	

HOSPITALS AND HEALTH CARE FACILITIES

FINISHING MATERIAL SPECIFICATIONS

BUILDING COMPONENT	FLOORS	SKIRTING & DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	MISCELLANEOUS
EXECUTIVE WASHROOMS	<ul style="list-style-type: none"> ▪ Matt porcelain tiles (any appropriate size) ▪ Matt ceramic tiles (any appropriate size) 	<ul style="list-style-type: none"> ▪ Glazed tiles up to ceiling height 	NIL	<ul style="list-style-type: none"> ▪ Matt enamel paint 	<ul style="list-style-type: none"> ▪ Plaster of Paris (POP) false ceiling at 9'-0" height 	<ul style="list-style-type: none"> ▪ Solid wood panelled door with SS kick plate 4" high. ▪ Wood plastic composite door ▪ uPVC doors ▪ Door handles/locks & latches – size 8" to 15" of good quality alloy/brass. 	<ul style="list-style-type: none"> • Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel. • Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel. • UPVC glazed/double glazed sliding/open able windows with wire gauze panels. • Solid wood glazed open able windows with open able wire gauze panels. 	<ul style="list-style-type: none"> • Under counter vanities/ Pre-fab PVC vanities to be given • Height of all counters / vanities in wash rooms / lavatories to be kept 2'-9" from F.F. Level. • Finished floors of all lavatories / bath rooms to be kept 3/4" lower from remaining floor level. • 12" dia exhaust fans to be provided 12" below the ceiling level.(Soffit of the slab) • Best quality fixtures, faucets, looking mirror and bath room accessories are to be used (Porta or equivalent) • Best quality local bathroom fittings (Master or equivalent) to be provided.
GENERAL WASHROOMS	-do-	<ul style="list-style-type: none"> ▪ Glazed tiles up to ceiling height 	NIL	-do-	NIL	-do-	-do-	-do-
KITCHEN/ PANTRY	<ul style="list-style-type: none"> • Porcelain tiles (full body) 24"x24" or as deemed appropriate by the architect. 	<ul style="list-style-type: none"> ▪ Glazed porcelain tiles between Counter top and cabinet 	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ plastic emulsion paint 	<ul style="list-style-type: none"> ▪ Plastic emulsion paint ▪ Matt Enamel paint 	NIL	<ul style="list-style-type: none"> ▪ Solid wood Engineered semi-glazed door. ▪ Wood plastic composite semi-glazed door ▪ Solid wood panelled semi glazed door. ▪ Solid core flush semi-glazed door ▪ Door handles/locks & latches – size 8" to 15" of good quality alloy/brass. 	-do-	<ul style="list-style-type: none"> • Corian/ marble/granite tops to be given • Cabinets with RCC structure and tile cladding inside and MDF lamination/PVC foam Board panels to be given in kitchen. • Finished floor of kitchen / pantries to be kept 3/4" lower from remaining floor level. • Heavy duty 12" dia Exhaust fans to be provided • Main hospital kitchen to be designed as S.S kitchen and to be designed by kitchen consultant.
EMERGENCY STAIRCASE	M.S. stair case as per design/ R.C.C. staircase with M.S railing. Fire rated steel door. Steps in matt finish (no glossy surface)							

EDUCATION INSTITUTIONS/ UNIVERSITIES



EDUCATIONAL INSTITUTIONS/UNIVERSITIES

FINISHING MATERIAL SPECIFICATIONS

BUILDING COMPONENT	FLOORS	SKIRTING / DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	EXTERIOR FINISH
LOBBIES/ RECEPTIONS/ WAITING AREAS/ VERANDAHS & CORRIDORS (PUBLIC & EXECUTIVE)	<ul style="list-style-type: none"> ▪ ¾” Th. Natural Granite ▪ ¾” Th. Natural Marble ▪ Appropriate Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect. ▪ Terrazzo tiles 2” th 24”x24” or 18” x18”/ 1” th 12”x12” ▪ Solid hard wood flooring 	<ul style="list-style-type: none"> • 4” high in matching material. • Dado in matching material up to 4’-0”or other appropriate height decided by the architect. • Wooden / POP/PVC/marble moulding at the top of dado. 	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ Acrylic based plastic emulsion paint ▪ Natural Stone cladding on specified walls/wall areas ▪ Tiles cladding on specified walls/wall areas ▪ Decorative Wooden / POP/PVC/MDF moulding on walls / wall cladding. ▪ HDF/fibre cement board wall cladding 	<ul style="list-style-type: none"> ▪ Plastic Emulsion paint ▪ Matt Enamel paint 	<ul style="list-style-type: none"> ▪ Plaster of Paris (POP) false ceiling ▪ Powder coated Al. panel False ceiling/Dampa ▪ 2’x2’ Gypsum board false ceiling on Al. frame. ▪ MDF/HDF false ceiling on solid wood frame. 	<ul style="list-style-type: none"> • Solid wood panelled door (main doors) • Solid wood glazed French door • Solid core flush doors with 5 mm Thick ply pressed over MDF base ▪ Solid wood Engineered door. ▪ Anodized Al glazed/semi glazed door window ▪ Tempered glass (12 mm th) frame less open able door with pivot assembly floor machine ▪ Tempered glass (12 mm th) frame less sensor door. • Steel Collapsible door may be adopted with Al/uPVC profile where required. 	<ul style="list-style-type: none"> • Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel. • Solid wood glazed open able windows with open able wire gauze panels. • UPVC glazed sliding/open able windows. • Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel. 	<ul style="list-style-type: none"> ▪ Fair face brick ▪ Clad brick (Gutka) ▪ Fair face concrete ▪ Washed terrazzo ▪ Aluminum cladding panels ▪ Wall coatings <ul style="list-style-type: none"> •Acrylic coating •Weather shield exterior paint ▪ Natural stone cladding <ul style="list-style-type: none"> • Sand stone • Slate stone • Granite • Marble • Travertine ▪ Tiles cladding •External Decks / pathways / Driveways may be finished in concrete pavers/marble/terrazzo/terrazzo tiles/brick or their combination. • Roof may be finished in 12” x 12” x 1” Thick Terrazzo Tiles/Mud brick/Marble.
STAIRCASE & ENT STEPS/ RAMPS	<ul style="list-style-type: none"> • Stair cases to be finished in 1” thick pre polished granite slab or 1” thick pre polished marble slab with non skid strips/grooves along front edges • Ramps to be finished in conglomerate /terrazzo/ marble in non slip pattern as per architect design 							
CLASS ROOMS	<ul style="list-style-type: none"> ▪ Matt Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect. ▪ Terrazzo tiles 2” th 24”x24” or 18” x18”/ 1” th 12”x12” 	<ul style="list-style-type: none"> • 4” high in matching material. • Dado in matching material up to 4’-0”or other appropriate height decided by the architect. • Wooden / POP/PVC/marble moulding at the top of dado. 	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ Acrylic based plastic emulsion paint 	<ul style="list-style-type: none"> ▪ Plastic Emulsion paint 	-Nil-	<ul style="list-style-type: none"> ▪ Solid wood Engineered door. ▪ UPVC doors ▪ Door handles/locks & latches – size 8” to 15” of good quality alloy/brass. 	<ul style="list-style-type: none"> • Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel. • Solid wood glazed French open able windows with open able wire gauze panels. • UPVC glazed sliding/open able windows. 	

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FINISHING MATERIAL SPECIFICATIONS

BUILDING COMPONENT	FLOORS	SKIRTING / DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	MISCELLANEOUS	EXTERIOR FINISH
LABS	<ul style="list-style-type: none"> ▪ Matt Porcelain tiles (full body) (24"x24" / 24"x48" or as deemed appropriate by the architect. ▪ Terrazzo tiles 2" th 24"x24" or 18" x18" / 1" th 12"x12" 	<ul style="list-style-type: none"> • 4" high in matching material. • Dado in matching material up to 4'-0" or other appropriate height decided by the architect. 	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ Acrylic based plastic emulsion paint 	<ul style="list-style-type: none"> ▪ Plastic Emulsion paint 	-Nil-	<ul style="list-style-type: none"> ▪ Solid wood Engineered door. ▪ UPVC doors ▪ Door handles/locks & latches – size 8" to 15" of good quality alloy/brass. 	<ul style="list-style-type: none"> • Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel. • Solid wood glazed French open able windows with open able wire gauze panels. • UPVC glazed sliding/open able windows. 	<ul style="list-style-type: none"> ▪ Height of all counters in Labs to be kept at 3'-0" from F.F. Level. ▪ All counter tops to be finished in natural marble/ granite/ brushed S.S sheets ▪ Cabinets with RCC structure and tile cladding inside ▪ PVC formboard / UV sheet/ MDF lamination board Cabinet shutters to be provided. 	
OFFICES	<ul style="list-style-type: none"> ▪ Porcelain tiles (full body) (24"x24" / 24"x48" or as deemed appropriate by the architect. ▪ ¾" th Granite ▪ ¾" Th. Natural Marble ▪ Solid hard wood flooring ▪ Laminate Flooring 	<ul style="list-style-type: none"> • 4" high in matching material. • Dado in matching material up to 4'-0" or other appropriate height decided by the architect. • Wooden / POP/PVC/marble moulding at the top of dado. 	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ Acrylic based plastic emulsion paint ▪ Natural Stone cladding on specified walls/wall areas ▪ Tiles cladding on specified walls/wall areas ▪ Decorative Wooden / POP moulding on walls / HDF wall panelling ▪ Vinyl wall papers ▪ Fabric wall papers 	<ul style="list-style-type: none"> ▪ Plastic Emulsion paint ▪ Matt Enamel paint ▪ Vinyl Emulsion paint 	<ul style="list-style-type: none"> ▪ Plaster of Paris (POP) false ceiling ▪ Powder coated Al. panel False ceiling/Dampa ▪ 2'x2' Gypsum board false ceiling on Al. frame. ▪ MDF/HDF false ceiling on solid wood frame. 	<ul style="list-style-type: none"> • Solid wood panelled door • Solid wood glazed French door • Solid core flush doors with 5 mm Thick ply pressed over MDF base ▪ Solid wood Engineered door. ▪ Door handles/locks & latches – size 8" to 15" of good quality alloy/brass. 	<ul style="list-style-type: none"> • Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel. • Solid wood glazed open able windows with open able wire gauze panels. • UPVC glazed sliding/open able windows. • Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel. 		
RECORD ROOM	<ul style="list-style-type: none"> ▪ ¾" Th. Natural Marble ▪ Terrazzo tiles 2" th 24"x24" or 18" x18" / 1" th 12"x12" ▪ Terrazzo (cast in situ) 	<ul style="list-style-type: none"> • 4" high in matching material. 	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ plastic emulsion paint ▪ Tiles cladding on specified walls/wall areas 	-do-	-Nil-	<ul style="list-style-type: none"> ▪ Solid core flush doors with 5 mm Thick ply pressed over MDF base. ▪ Solid wood Engineered door. 	-do-		

EDUCATIONAL INSTITUTIONS/UNIVERSITIES
FINISHING MATERIAL SPECIFICATIONS

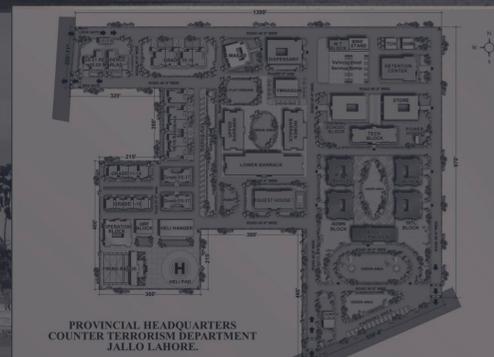
BUILDING COMPONENT	FLOORS	SKIRTING / DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	MISCELLANEOUS	EXTERIOR FINISH
CONFERENCE ROOM	<ul style="list-style-type: none"> ▪ Porcelain tiles (full body) 24"x24" / 24"x48" or as deemed appropriate by the architect. • Solid hard wood flooring ▪ Laminate Flooring 	<ul style="list-style-type: none"> • 4" high in matching material. • Dado in matching material up to 4'-0" or other appropriate height decided by the architect. • Wooden / POP/PVC/marble moulding at the top of dado. 	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ Acrylic based plastic emulsion paint ▪ Natural Stone cladding on specified walls/wall areas ▪ Tiles cladding on specified walls/wall areas ▪ Decorative Wooden / POP/PVC/MDF moulding on walls / wall cladding. ▪ Vinyl wall papers ▪ Fabric wall papers ▪ Acoustic panels (fabric finished) 	<ul style="list-style-type: none"> ▪ Plastic emulsion paint ▪ Matt Enamel paint ▪ Vinyl Emulsion paint 	<ul style="list-style-type: none"> ▪ Plaster of Paris (POP) false ceiling ▪ Powder coated Al. panel False ceiling/Dampa ▪ 2'x2' Gypsum board false ceiling on Al. frame. ▪ MDF/HDF false ceiling on solid wood frame. 	<ul style="list-style-type: none"> • Solid wood panelled door • Solid wood glazed French door • Solid core flush doors with 5 mm Thick ply pressed over MDF base ▪ Solid wood Engineered door. ▪ Anodized Al glazed/semi glazed door window ▪ Door handles/locks & latches – size 8" to 15" of good quality alloy/brass. 	<ul style="list-style-type: none"> • Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel. • Solid wood glazed open able windows with open able wire gauze panels. • UPVC glazed sliding/open able windows. • Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel. 		
LIBRARY	-do-	-do-	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ Acrylic based plastic emulsion paint ▪ Natural Stone cladding on specified walls/wall areas ▪ Tiles cladding on specified walls/wall areas 	-do-	-do-	-do-	-do-		
LECTURE THEATER	<ul style="list-style-type: none"> ▪ Matt Porcelain tiles (full body) (24"x24" / 24"x48" or as deemed appropriate by the architect. • Solid hard wood flooring ▪ Laminate Flooring 	-do-	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ plastic emulsion paint ▪ Acoustic Panelling 	-do-	<ul style="list-style-type: none"> ▪ Plaster of Paris (POP) false ceiling ▪ MDF/HDF false ceiling on solid wood frame. 	<ul style="list-style-type: none"> ▪ Solid core flush doors with 5 mm Thick ply pressed over MDF base ▪ Solid wood Engineered door. ▪ Door handles/locks & latches – size 8" to 15" of good quality alloy/brass. 	-do-		

EDUCATIONAL INSTITUTIONS/UNIVERSITIES

FINISHING MATERIAL SPECIFICATIONS

BUILDING COMPONENT	FLOORS	SKIRTING / DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	MISCELLANEOUS
AUDITORIUM	<ul style="list-style-type: none"> ▪ Porcelain tiles (full body) (24"x24" / 24"x48" or as deemed appropriate by the architect. ▪ Solid hard wood flooring ▪ Laminate Flooring ▪ Carpet/carpet tiles 	<ul style="list-style-type: none"> ▪ 4" high in matching material. 	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ Plastic emulsion paint ▪ HDF/fibre cement board wall cladding ▪ Acoustic panels 	<ul style="list-style-type: none"> ▪ Plastic emulsion paint ▪ Matt Enamel paint ▪ Vinyl Emulsion paint 	<ul style="list-style-type: none"> ▪ Plaster of Paris (POP) false ceiling ▪ Powder coated Al. panel False ceiling ▪ 2'x2' Gypsum board false ceiling on Al. frame. ▪ MDF false ceiling on solid wood frame. 	<ul style="list-style-type: none"> • Solid wood panelled door • Solid core flush doors with 5 mm Thick ply pressed over MDF base ▪ Solid wood Engineered door. ▪ Anodized Al glazed/semi glazed door window ▪ Acoustic Panelled door 	<ul style="list-style-type: none"> • Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel. • Solid wood glazed open able windows with open able wire gauze panels. • UPVC glazed sliding/open able windows. • Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel. 	
KITCHEN/ PANTRY	<ul style="list-style-type: none"> ▪ Porcelain tiles (full body) 24"x24" or as deemed appropriate by the architect. 	<ul style="list-style-type: none"> ▪ Glazed porcelain tiles between Counter top and cabinet 	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ Plastic emulsion paint 	-do-	-Nil-	<ul style="list-style-type: none"> ▪ Solid wood Engineered door. ▪ Wood plastic composite door ▪ Solid wood panelled semi glazed door. • Solid core flush doors with 5 mm Thick ply pressed over MDF base 	-do-	<ul style="list-style-type: none"> • Marble/granite tops to be given • Cabinets with RCC counter, marble top and MDF laminated panels to be given in kitchen. • Finished floor of kitchen / pantries to be kept 3/4" lower from remaining floor level. • Exhaust fans to be provided 12" below the ceiling level.(Soffit of the slab) • Main hospital kitchen to be designed as S.S kitchen and to be designed by kitchen consultant.
WASHROOMS	<ul style="list-style-type: none"> ▪ Porcelain tiles ▪ (any appropriate size) ▪ Ceramic tiles (any appropriate size) 	<ul style="list-style-type: none"> ▪ Glazed tiles up to ceiling height 	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ Plastic emulsion paint 	<ul style="list-style-type: none"> ▪ Vinyl emulsion paint ▪ Matt enamel Paint 	<ul style="list-style-type: none"> ▪ 2'x2' Gypsum board false ceiling on Al. frame. ▪ Plaster of Paris (POP) False ceiling 	<ul style="list-style-type: none"> ▪ Wood plastic composite door ▪ Solid wood panelled door with SS kick plate 4" high. ▪ UPVC doors ▪ Door handles/locks & latches – size 8" to 15" of good quality alloy/brass. 	-do-	<ul style="list-style-type: none"> • Under counter vanities/ Pre-fab PVC vanities to be given • Height of all counters / vanities in wash rooms / lavatories to be kept 2'-9" from F.F. Level. • Finished floors of all lavatories / bath rooms to be kept 3/4" lower from remaining floor level. • 12" dia/12" x 12" exhaust fans to be provided 12" below the ceiling level.(Soffit of the slab) • Best quality fixtures, faucets, looking mirror and bath room accessories are to be used (Porta or equivalent) • Best quality local bathroom fittings (Master or equivalent) to be provided
EMERGENCY STAIRCASE	M.S. stair case as per design/ R.C.C. staircase with M.S railing. Fire rated steel door. Steps in matt finish (no glossy surface)							

POLICE & COUNTER TERRORISM FACILITIES



POLICE & COUNTER TERRORISM FACILITIES

FINISHING MATERIAL SPECIFICATIONS

BUILDING COMPONENT	FLOORS	SKIRTING & DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	MISCELLANEOUS	EXTERIOR FINISH
LOBBIES/ RECEPTIONS/ WAITING AREAS/ VERANDAHS & CORRIDORS (PUBLIC & EXECUTIVE)	<ul style="list-style-type: none"> ▪ ¾” Th. Natural Granite ▪ ¾” Th. Natural Marble ▪ Appropriate Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect. ▪ Terrazzo tiles 2” th 24”x24” or 18” x18”/ 1” th 12”x12” ▪ Solid hard wood flooring 	<ul style="list-style-type: none"> • 4” high in matching material. • Dado in matching material up to 4’-0”or other appropriate height decided by the architect. 	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ Acrylic based plastic emulsion paint ▪ Natural Stone cladding on specified walls/wall areas ▪ Tiles cladding on specified walls/wall areas ▪ Decorative Wooden / POP/PVC/MDF moulding on walls / wall cladding. ▪ HDF/fibre cement board wall cladding 	<ul style="list-style-type: none"> ▪ Plastic emulsion paint ▪ Matt Enamel paint 	<ul style="list-style-type: none"> ▪ Plaster of Paris (POP) false ceiling ▪ Powder coated Al. panel False ceiling/Dampa ▪ 2’x2’ Gypsum board false ceiling on Al. frame. ▪ MDF/HDF false ceiling on solid wood frame. 	<ul style="list-style-type: none"> • Solid wood panelled door (main doors) • Solid wood glazed French door • Solid core flush doors with 5 mm Thick ply pressed over MDF base ▪ Solid wood Engineered door. ▪ Anodized Al glazed/semi glazed door window ▪ Tempered glass (12 mm th) frame less open able door. ▪ Tempered glass (12 mm th) frame less sensor door. • Steel Collapsible door may be adopted with Al/uPVC profile where required. ▪ Door handles/locks & latches – size 8” to 15” of good quality alloy/brass. 	<ul style="list-style-type: none"> • Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel. • Solid wood glazed open able windows with open able wire gauze panels. • UPVC glazed sliding/open able windows. • Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel. 		<ul style="list-style-type: none"> ▪ Fair face brick ▪ Clad brick (Gutka) ▪ Fair face concrete ▪ Washed terrazzo ▪ Aluminum cladding panels ▪ Wall coatings <ul style="list-style-type: none"> •Acrylic coating •Weather shield exterior paint ▪ Natural stone cladding <ul style="list-style-type: none"> • Sand stone • Slate stone • Granite • Marble • Travertine ▪ Tiles cladding
STAIRCASE & ENT STEPS	<ul style="list-style-type: none"> • Stair cases to be finished in 1” thick pre polished granite slab or 1” thick pre polished marble slab with non skid strips/grooves along front edges S.S staircase railing with S.S. pipe handrail as per architect design/ M.S staircase square bar railing with solid wood hand rail above as per architect design. • Ramps to be finished in conglomerate /terrazzo/ marble in non slip pattern as per architect design 								

POLICE & COUNTER TERRORISM FACILITIES

FINISHING MATERIAL SPECIFICATIONS

BUILDING COMPONENT	FLOORS	SKIRTING & DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	MISCELLANEOUS	EXTERIOR FINISH
EXECUTIVE OFFICES	<ul style="list-style-type: none"> ▪ Porcelain tiles (full body) (24"x24" / 24"x48" or as deemed appropriate by the architect. ▪ ¾" th Granite ▪ ¾" Th. Natural Marble ▪ Solid hard wood flooring ▪ Laminate Flooring ▪ Wood Plastic Composite floor 	<ul style="list-style-type: none"> • 4" high in matching material. • Dado in matching material up to 4'-0" or other appropriate height decided by the architect. 	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ Acrylic based plastic emulsion paint ▪ Natural Stone cladding on specified walls/wall areas ▪ Tiles cladding on specified walls/wall areas ▪ Decorative Wooden / POP moulding on walls / HDF wall panelling ▪ Vinyl wall papers ▪ Fabric wall papers 	<ul style="list-style-type: none"> ▪ Plastic emulsion paint 	<ul style="list-style-type: none"> ▪ Plaster of Paris (POP) false ceiling ▪ Powder coated Al. panel False ceiling/Dampa ▪ 2'x2' Gypsum board false ceiling on Al. frame. ▪ MDF/HDF false ceiling on solid wood frame. 	<ul style="list-style-type: none"> • Solid wood panelled door • Solid wood glazed French door • Solid core flush doors with 5 mm Thick ply pressed over MDF base ▪ Solid wood Engineered door. ▪ Door handles/locks & latches – size 8" to 15" of good quality alloy/brass. 	<ul style="list-style-type: none"> • Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel. • Solid wood glazed open able windows with open able wire gauze panels. • UPVC glazed sliding/open able windows. • Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel. 		<ul style="list-style-type: none"> • External Decks / pathways / Driveways may be finished in concrete pavers/marble/terrazzo/terrazzo tiles/brick or their combination.. • Roof may be finished in 12" x 12" x 1" Thick Terrazzo Tiles/Mud brick/Marble.
STAFF OFFICES	<ul style="list-style-type: none"> ▪ Porcelain tiles (full body) 24"x24" / 24"x48" or as deemed appropriate by the architect. ▪ ¾" Th. Natural Marble ▪ Laminate Flooring ▪ Terrazzo tiles 2" th 24"x24" or 18" x18"/ 1" th 12"x12" 	-do-	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ Acrylic based plastic emulsion paint ▪ Tiles cladding on specified walls/wall areas 	-do-	<ul style="list-style-type: none"> ▪ Plaster of Paris (POP) false ceiling ▪ Powder coated Al. panel False ceiling ▪ 2'x2' Gypsum board false ceiling on Al. frame. 	<ul style="list-style-type: none"> • Solid core flush doors with 5 mm Thick ply pressed over MDF base ▪ Solid wood Engineered door. ▪ Tempered glass (12 mm th) frame less open able door. 	-do-		

POLICE & COUNTER TERRORISM FACILITIES **FINISHING MATERIAL SPECIFICATIONS**

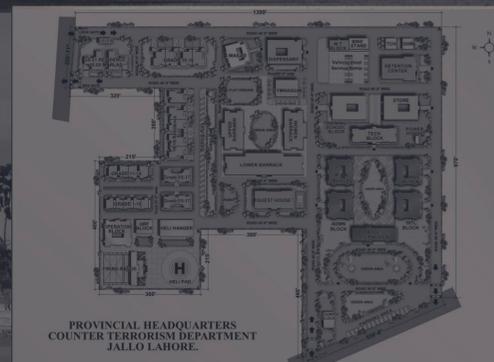
BUILDING COMPONENT	FLOORS	SKIRTING & DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS
RECORD ROOM/ STORE	<ul style="list-style-type: none"> ▪ Terrazzo tiles 2” th 24”x24” or 18” x18”/ 1” th 12”x12” ▪ Terrazzo (cast in situ) 	<ul style="list-style-type: none"> • 4” high in matching material. • Dado in matching material up to 4’-0”or other appropriate height decided by the architect. 	<ul style="list-style-type: none"> ▪ Vinyl emulsion paint 	<ul style="list-style-type: none"> ▪ Vinyl emulsion paint 	-Nil-	<ul style="list-style-type: none"> • Solid core flush doors with 5 mm Thick ply pressed over MDF base ▪ Solid wood Engineered wooden door. ▪ Door handles/locks & latches – size 8” to 15” of good quality alloy/brass. 	<ul style="list-style-type: none"> • Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel. • Solid wood glazed open able windows with open able wire gauze panels. • UPVC glazed sliding/open able windows. • Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel.
CONFERENCE ROOM/ BOARD ROOM	<ul style="list-style-type: none"> ▪ Porcelain tiles (full body) 24”x24” / 24”x48” or as deemed appropriate by the architect. • Solid hard wood flooring ▪ Laminate Flooring 	-do-	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ Plastic emulsion paint ▪ Natural Stone /Tiles cladding on specified walls/wall areas ▪ Decorative Wooden / POP/PVC/MDF moulding on walls / wall cladding. ▪ HDF/fibre cement board wall cladding ▪ Vinyl wall papers ▪ Fabric wall papers ▪ Acoustic panels 	<ul style="list-style-type: none"> • Plastic emulsion paint • Vinyl emulsion paint 	<ul style="list-style-type: none"> ▪ Plaster of Paris (POP) false ceiling ▪ Powder coated Al. panel False ceiling ▪ 2’x2’ Gypsum board false ceiling on Al. frame. ▪ MDF false ceiling on solid wood frame. ▪ Solid wood false ceiling 	<ul style="list-style-type: none"> • Solid wood panelled door • Solid wood glazed French door • Solid core flush doors with 5 mm Thick ply pressed over MDF base ▪ Solid wood Engineered door. ▪ Anodized Al glazed door window ▪ Tempered glass (12 mm th) frame less open able door. ▪ Door handles/locks & latches – size 8” to 15” of good quality alloy/brass. 	-do-

POLICE & COUNTER TERRORISM FACILITIES

FINISHING MATERIAL SPECIFICATIONS

BUILDING COMPONENT	FLOORS	SKIRTING & DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	MISCELLANEOUS
EXECUTIVE WASHROOMS	<ul style="list-style-type: none"> ▪ Porcelain tiles (any appropriate size) ▪ Ceramic tiles (any appropriate size) 	<ul style="list-style-type: none"> ▪ Glazed tiles up to ceiling height 	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ Plastic emulsion paint 	<ul style="list-style-type: none"> ▪ Vinyl emulsion paint ▪ Matt enamel Paint 	<ul style="list-style-type: none"> ▪ 2'x2' Gypsum board false ceiling on Al. frame. ▪ False ceiling at 9' height 	<ul style="list-style-type: none"> ▪ Wood plastic composite door ▪ Solid wood panelled door with SS kick plate 4" high. ▪ uPVC doors ▪ Door handles/locks & latches – size 8" to 15" of good quality alloy/brass. 	<ul style="list-style-type: none"> • Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel. • Solid wood glazed open able windows with open able wire gauze panels. • UPVC glazed/double glazed sliding or open able windows. • Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel. 	<ul style="list-style-type: none"> • Under counter vanities/ Pre-fab PVC vanities to be given • Height of all counters / vanities in wash rooms / lavatories to be kept 2'-9" from F.F. Level. • Finished floors of all lavatories / bath rooms to be kept 3/4" lower from remaining floor level. • 12" dia/12" x 12" exhaust fans to be provided 12" below the ceiling level.(Soffit of the slab) • Best quality fixtures, faucets, looking mirror and bath room accessories are to be used (Porta or equivalent) • Best quality local bathroom fittings (Master or equivalent) to be provided -do-
STAFF/PUBLIC WASH ROOMS	<ul style="list-style-type: none"> ▪ Porcelain tiles (any appropriate size) ▪ Ceramic tiles (any appropriate size) 	<ul style="list-style-type: none"> ▪ Glazed tiles up to ceiling height 	<ul style="list-style-type: none"> ▪ Plastic emulsion paint 	<ul style="list-style-type: none"> ▪ Vinyl emulsion paint 	NIL	<ul style="list-style-type: none"> ▪ Wood plastic composite door ▪ uPVC doors ▪ Solid core flush doors with 5 mm Thick ply pressed over MDF base ▪ Door handles/locks & latches – size 8" to 15" of good quality alloy/brass. 	<ul style="list-style-type: none"> • Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel. 	<ul style="list-style-type: none"> • 12" dia/12" x 12" exhaust fans to be provided 12" below the ceiling level.(Soffit of the slab) • Best quality fixtures, faucets, looking mirror and bath room accessories are to be used (Porta or equivalent) • Best quality local bathroom fittings (Master or equivalent) to be provided -do-
KITCHEN/ PANTRY	<ul style="list-style-type: none"> • Porcelain tiles (full body) 24"x24" or as deemed appropriate by the architect. 	<ul style="list-style-type: none"> ▪ Glazed porcelain tiles between Counter top and cabinet 	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ plastic emulsion paint 	<ul style="list-style-type: none"> ▪ Plastic emulsion paint ▪ Matt Enamel paint 	NIL	<ul style="list-style-type: none"> ▪ Solid wood Engineered semi-glazed door. ▪ Wood plastic composite semi-glazed door ▪ Solid wood panelled semi glazed door. ▪ Solid core flush semi-glazed door ▪ Door handles/locks & latches – size 8" to 15" of good quality alloy/brass. 	<ul style="list-style-type: none"> • Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel. • Solid wood glazed open able windows with open able wire gauze panels. • UPVC glazed/double glazed sliding or open able windows. • Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel. 	<ul style="list-style-type: none"> • Corian/ marble/granite tops to be given • Cabinets with RCC structure and tile cladding inside and MDF lamination/PVC foam Board panels to be given in kitchen. • Finished floor of kitchen / pantries to be kept 3/4" lower from remaining floor level. • Heavy duty 12" dia Exhaust fans to be provided • Main hospital kitchen to be designed as S.S kitchen and to be designed by kitchen consultant.
EMERGENCY STAIRCASE	M.S. stair case as per design/ R.C.C. staircase with M.S railing. Fire rated steel door. Steps in matt finish (no glossy surface)							

OFFICER'S & STAFF BARRACKS



OFFICER /STAFF BARRACKS

FINISHING MATERIAL SPECIFICATIONS

BUILDING COMPONENT	FLOORS	SKIRTING / DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	EXTERIOR FINISH
LOBBIES/ RECEPTIONS/ WAITING AREAS/ VERANDAHS & CORRIDORS (PUBLIC & EXECUTIVE)	<ul style="list-style-type: none"> ▪ ¾” Th. Natural Granite ▪ ¾” Th. Natural Marble ▪ Appropriate Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect. ▪ Terrazzo tiles 2” th 24”x24” or 18” x18”/ 1” th 12”x12” ▪ Solid hard wood flooring 	<ul style="list-style-type: none"> • 4” high in matching material. • Dado in matching material up to 4’-0”or other appropriate height decided by the architect. • POP/PVC/ marble moulding at the top of dado. 	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ Acrylic based plastic emulsion paint ▪ Natural Stone cladding on specified walls/wall areas ▪ Tiles cladding on specified walls/wall areas ▪ Decorative Wooden / POP/PVC/MDF moulding on walls / wall cladding. ▪ HDF/fibre cement board wall cladding 	<ul style="list-style-type: none"> ▪ Plastic emulsion paint ▪ Matt Enamel paint 	<ul style="list-style-type: none"> ▪ Plaster of Paris (POP) false ceiling ▪ Powder coated Al. panel False ceiling/Dampa ▪ 2’x2’ Gypsum board false ceiling on Al. frame. ▪ MDF/HDF false ceiling on solid wood frame. 	<ul style="list-style-type: none"> • Solid wood panelled door (main doors) • Solid wood glazed French door • Solid core flush doors with 5 mm Thick ply pressed over MDF base ▪ Solid wood Engineered door. ▪ Anodized Al glazed/semi glazed door window ▪ Tempered glass (12 mm th) frame less open able door. ▪ Tempered glass (12 mm th) frame less sensor door. • Steel Collapsible door may be adopted with Al/uPVC profile where required. 	<ul style="list-style-type: none"> • Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel. • Solid wood glazed open able windows with open able wire gauze panels. • UPVC glazed sliding/open able windows. • Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel. 	<ul style="list-style-type: none"> ▪ Fair face brick ▪ Clad brick (Gutka) ▪ Fair face concrete ▪ Washed terrazzo ▪ Aluminum cladding panels ▪ Wall coatings <ul style="list-style-type: none"> •Acrylic coating •Weather shield exterior paint ▪ Natural stone cladding <ul style="list-style-type: none"> • Sand stone • Slate stone • Granite • Marble • Travertine ▪ Tiles cladding •External Decks / pathways / Driveways may be finished in concrete pavers/marble/terrazzo/terrazzo tiles/brick or their combination.. • Roof may be finished in 12” x 12” x 1” Thick Terrazzo Tiles/Mud brick/Marble.
DORMITORIES/ ROOMS (OFFICERS)	<ul style="list-style-type: none"> ▪ Matt Porcelain tiles (full body) 24”x24” / 24”x48” or as deemed appropriate by the architect. ▪ Laminate Flooring 	-do-	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ Plastic emulsion paint ▪ HDF wall panelling 	<ul style="list-style-type: none"> ▪ Plastic emulsion paint 	<ul style="list-style-type: none"> ▪ Plaster of Paris (POP) false ceiling ▪ 2’x2’ Gypsum board false ceiling on Al. frame. 	<ul style="list-style-type: none"> • Solid core flush doors with 5 mm Thick ply pressed over MDF base ▪ Solid wood Engineered door. ▪ Door handles/locks & latches – size 8” to 15” of good quality alloy/brass. 	-do-	
DORMITORIES (STAFF)	<ul style="list-style-type: none"> ▪ Terrazzo tiles 2” th 24”x24” or 18” x18”/ 1” th 12”x12” 	-do-	<ul style="list-style-type: none"> • Vinyl emulsion paint 	<ul style="list-style-type: none"> ▪ Vinyl emulsion paint 	-Nil-	<ul style="list-style-type: none"> ▪ Solid core flush doors with 5 mm Thick ply pressed over MDF base ▪ Door handles/locks & latches – size 8” to 15” of good quality alloy/brass. 	-do-	
DINING HALL/ RECREATION HALL	<ul style="list-style-type: none"> ▪ Matt Porcelain tiles (full body) 24”x24” / 24”x48” or as deemed appropriate by the architect. ▪ Laminate Flooring ▪ Solid hard wood flooring 	-do-	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ HDF wall panelling ▪ Vinyl wall papers ▪ Fabric wall papers 	<ul style="list-style-type: none"> Plastic emulsion paint 	<ul style="list-style-type: none"> ▪ Plaster of Paris (POP) false ceiling ▪ 2’x2’ Gypsum board false ceiling on Al. frame. 	<ul style="list-style-type: none"> ▪ Solid wood glazed panelled door. ▪ Solid wood Engineered door. • Anodized Aluminium glazed openable door/door window. ▪ Door handles/locks & latches – size 8” to 15” of good quality alloy/brass. 	-do-	
STAIRCASE & ENT STEPS	<ul style="list-style-type: none"> • Stair cases to be finished in 1” thick pre polished granite slab or 1” thick pre polished marble slab with non skid strips/grooves along front edges S.S staircase railing with S.S. pipe handrail as per architect design/ M.S staircase square bar railing with solid wood hand rail above as per architect design. • Ramps to be finished in conglomerate /terrazzo/ marble in non slip pattern as per architect design 							

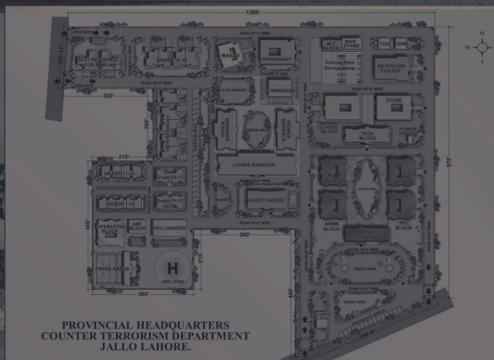
OFFICER/STAFF BARRACKS

FINISHING MATERIAL SPECIFICATIONS

BUILDING COMPONENT	FLOORS	SKIRTING / DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	MISCELLANEOUS
KITCHEN	<ul style="list-style-type: none"> ▪ Porcelain tiles (full body) 24"x24" or as deemed appropriate by the architect. 	<ul style="list-style-type: none"> ▪ Glazed porcelain tiles between Counter top and cabinet 	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ Plastic emulsion paint 	<ul style="list-style-type: none"> ▪ Plastic emulsion paint 	-Nil-	<ul style="list-style-type: none"> ▪ Solid wood Engineered door. ▪ Wood plastic composite door ▪ Solid wood panelled semi glazed door. • Solid core flush doors with 5 mm Thick ply pressed over MDF base ▪ Door handles/locks & latches – size 8" to 15" of good quality alloy/brass. 	<ul style="list-style-type: none"> • Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel. • Solid wood glazed open able windows with open able wire gauze panels. • UPVC glazed sliding/open able windows. 	<ul style="list-style-type: none"> • Corian/ marble/granite tops to be given • Cabinets with RCC structure and tile cladding inside and MDF lamination/PVC foam Board panels to be given in kitchen. • Finished floor of kitchen / pantries to be kept 3/4" lower from remaining floor level. • Exhaust fans to be provided 12" below the ceiling level.(Soffit of the slab) • Main hospital kitchen to be designed as S.S kitchen and to be designed by kitchen consultant.
WASHROOMS (OFFICERS)	<ul style="list-style-type: none"> ▪ Porcelain tiles ▪ (any appropriate size) ▪ Ceramic tiles ▪ (any appropriate size) 	<ul style="list-style-type: none"> ▪ Glazed tiles up to ceiling height 	<ul style="list-style-type: none"> ▪ Matt enamel paint ▪ Plastic emulsion paint 	<ul style="list-style-type: none"> ▪ Vinyl emulsion paint ▪ Matt enamel Paint 	<ul style="list-style-type: none"> ▪ 2'x2' Gypsum board false ceiling on Al. frame. ▪ False ceiling at 9' height 	<ul style="list-style-type: none"> ▪ Wood plastic composite door ▪ Solid wood panelled door with SS kick plate 4" high. ▪ uPVC doors ▪ Door handles/locks & latches – size 8" to 15" of good quality alloy/brass. 	-do-	<ul style="list-style-type: none"> • Under counter vanities/ Pre-fab PVC vanities to be given • Height of all counters / vanities in wash rooms / lavatories to be kept 2'-9" from F.F. Level. • Finished floors of all lavatories / bath rooms to be kept 3/4" lower from remaining floor level.
WASHROOMS (STAFF)	<ul style="list-style-type: none"> ▪ Porcelain tiles ▪ (any appropriate size) ▪ Ceramic tiles ▪ (any appropriate size) 	<ul style="list-style-type: none"> ▪ Glazed tiles up to ceiling height 	<ul style="list-style-type: none"> ▪ Plastic emulsion paint 	<ul style="list-style-type: none"> ▪ Vinyl emulsion paint 	NIL	<ul style="list-style-type: none"> ▪ Wood plastic composite door ▪ uPVC doors ▪ Solid core flush doors with 5 mm Thick ply pressed over MDF base ▪ Door handles/locks & latches – size 8" to 15" of good quality alloy/brass. 	-do-	<ul style="list-style-type: none"> • 12" dia/12" x 12" exhaust fans to be provided 12" below the ceiling level.(Soffit of the slab) • Best quality fixtures, faucets, looking mirror and bath room accessories are to be used (Porta or equivalent) • Best quality local bathroom fittings (Master or equivalent) to be provided
EMERGENCY STAIRCASE	M.S. stair case as per design/ R.C.C. staircase with M.S railing. Fire rated steel door. Steps in matt finish (no glossy surface)							

JAILS

PRISONER BARRACKS,
CELLS, FACTORY &
CLASSROOM



JAILS

FINISHING MATERIAL SPECIFICATIONS

PRISONER BARRACKS

BUILDING COMPONENT	FLOORS	SKIRTING / DADO	WALLS	CEILING	DOORS	WINDOWS	MISCELLANEOUS	EXTERIOR FINISH
VERANDAH/ CORRIDOR	<ul style="list-style-type: none"> ▪ Terrazzo tiles ▪ Terrazzo 	<ul style="list-style-type: none"> • Terrazzo tiles up to 4'-0" Height 	<ul style="list-style-type: none"> • Vinyl emulsion paint 	<ul style="list-style-type: none"> • Vinyl emulsion paint 	<ul style="list-style-type: none"> • Steel grating doors as per design/ jail manual 			<ul style="list-style-type: none"> ▪ Fair face brick ▪ Clad brick (Gutka) ▪ Fair face concrete ▪ Washed terrazzo ▪ Aluminum cladding panels <ul style="list-style-type: none"> ▪ Wall coatings <ul style="list-style-type: none"> • Acrylic coating • Weather shield exterior paint ▪ Natural stone cladding <ul style="list-style-type: none"> • Sand stone • Slate stone • Granite • Marble • Travertine
STAIRCASE	<ul style="list-style-type: none"> • Stair cases to be finished in 1" thick pre polished granite slab or 1" thick pre polished marble slab with non skid strips/grooves along front edges S.S staircase railing with S.S. pipe handrail as per architect design/ M.S staircase square bar railing with solid wood hand rail above as per architect design. • Ramps to be finished in conglomerate /terrazzo/ marble in non slip pattern as per architect design 							
BARRACK	<ul style="list-style-type: none"> • Terrazzo tiles • Terrazzo 	<ul style="list-style-type: none"> • 4" skirting same as floor • Terrazzo tiles up to 4'-0" Height 	<ul style="list-style-type: none"> • Vinyl emulsion paint 	<ul style="list-style-type: none"> • Vinyl emulsion paint 	<ul style="list-style-type: none"> • Steel grating doors as per design/ jail manual 	<ul style="list-style-type: none"> • M.S. bars and steel shutters as per design/ jail manual 		
GUARD ROOM	<ul style="list-style-type: none"> • 24"x24" porcelain tiles or as deemed appropriate by the architect. 	<ul style="list-style-type: none"> • 4" skirting same as floor 	-do-	-do-	<ul style="list-style-type: none"> • Solid core flush doors with 5 mm Thick ply pressed over MDF base 	<ul style="list-style-type: none"> • Anodized Aluminium sliding window with tampered glass and M.S bars and safety grill. 		
WASHROOMS	<ul style="list-style-type: none"> ▪ Porcelain tiles (any appropriate size) ▪ Ceramic tiles (any appropriate size) 	<ul style="list-style-type: none"> • Glazed tiles up to ceiling height 	-do-	-do-	<ul style="list-style-type: none"> • M.S steel doors 	<ul style="list-style-type: none"> • M.S. bars and steel shutters as per design/ jail manual 		
KITCHEN/ PANTRY	<ul style="list-style-type: none"> • Terrazzo tiles 	<ul style="list-style-type: none"> • 4" skirting same as floor 	<ul style="list-style-type: none"> • Vinyl emulsion paint 	<ul style="list-style-type: none"> • Vinyl emulsion paint 	<ul style="list-style-type: none"> • Steel grating doors as per design/ jail manual 	<ul style="list-style-type: none"> • M.S. bars and steel shutters as per design/ jail manual 	<ul style="list-style-type: none"> • Marble/granite tops to be given • Heavy duty 12" dia Exhaust fans to be provided 	

OFFICE OF THE CHIEF ARCHITECT, PUNJAB

JAILS

FINISHING MATERIAL SPECIFICATIONS

PRISONER CELLS

BUILDING COMPONENT	FLOORS	SKIRTING / DADO	WALLS	CEILING	DOORS	WINDOWS	EXTERIOR FINISH
VERANDAH/ CORRIDOR	<ul style="list-style-type: none"> • Terrazzo tiles 	<ul style="list-style-type: none"> • Terrazzo tiles up to 4'-0" Height 	<ul style="list-style-type: none"> • Vinyl emulsion paint above dado 	<ul style="list-style-type: none"> • Vinyl emulsion paint 	<ul style="list-style-type: none"> • Steel grating doors as per design/ jail manual 		<ul style="list-style-type: none"> • External Decks / pathways / Driveways may be finished in concrete pavers/marble/terrazzo/terrazzo tiles/brick or their combination.. • Roof may be finished in 12" x 12" x 1" Thick Terrazzo Tiles/Mud brick/Marble.
CELL	<ul style="list-style-type: none"> • Terrazzo tiles 	<ul style="list-style-type: none"> • 4" skirting same as floor • Terrazzo tiles up to 4'-0" Height 	-do-	-do-	<ul style="list-style-type: none"> • Steel grating doors as per design/ jail manual 	<ul style="list-style-type: none"> • M.S. bars and steel shutters as per design/ jail manual 	
GUARD ROOM	<ul style="list-style-type: none"> • 24"x24" porcelain tiles or as deemed appropriate by the architect. 	<ul style="list-style-type: none"> • 4" skirting same as floor 	-do-	-do-	<ul style="list-style-type: none"> • Solid core flush doors with 5 mm Thick ply pressed over MDF base 	<ul style="list-style-type: none"> • Anodized Aluminium sliding window tampered glass and M.S safety grill. 	
WASHROOM	<ul style="list-style-type: none"> ▪ Porcelain tiles • (any appropriate size) ▪ Ceramic tiles • (any appropriate size) 	<ul style="list-style-type: none"> • Glazed tiles up to ceiling height 	-do-	-do-	<ul style="list-style-type: none"> • M.S steel doors 	<ul style="list-style-type: none"> • M.S. bars and steel shutters as per design/ jail manual 	

OFFICE OF THE CHIEF ARCHITECT, PUNJAB

JAILS

FINISHING MATERIAL SPECIFICATIONS

FACTORY AND CLASS ROOMS

BUILDING COMPONENT	FLOORS	SKIRTING / DADO	WALLS	CEILING	DOORS	WINDOWS	EXTERIOR FINISH
VERANDAH/ CORRIDOR	<ul style="list-style-type: none"> • Terrazzo Tiles • Terrazzo • 24"x24" porcelain tiles or as deemed appropriate by the architect. 	<ul style="list-style-type: none"> • 4" skirting same as floor • Terrazzo tiles up to 4'-0" Height 	<ul style="list-style-type: none"> • Vinyl emulsion paint 	<ul style="list-style-type: none"> • Vinyl emulsion paint 	<ul style="list-style-type: none"> • Solid core flush doors with 5 mm Thick ply pressed over MDF base • Steel grating doors as per design/ jail manual 		
WORK SHOPS	-do-	-do-	-do-	-do-	-do-	<ul style="list-style-type: none"> • Anodized Aluminium sliding window tampered glass and M.S bars and safety grill. 	
CLASS ROOMS	-do-	-do-	-do-	-do-	-do-	-do-	
GUARD ROOM	<ul style="list-style-type: none"> • 24"x24" porcelain tiles or as deemed appropriate by the architect. 	<ul style="list-style-type: none"> • 4" skirting same as floor 	-do-	-do-	<ul style="list-style-type: none"> • Solid core flush doors with 5 mm Thick ply pressed over MDF base 	-do-	
WASHROOM	<ul style="list-style-type: none"> ▪ Porcelain tiles • (any appropriate size) ▪ Ceramic tiles • (any appropriate size) 	<ul style="list-style-type: none"> • Glazed tiles up to ceiling height 	-do-	-do-	<ul style="list-style-type: none"> • M.S steel doors 	<ul style="list-style-type: none"> • M.S. bars and steel shutters as per design/ jail manual 	



**GENERIC
BUILDINGS
SPECIFICATIONS**

PROPOSAL FOR IMPROVED GENERIC BUILDINGS SPECIFICATIONS

STRUCTURE MASONARY AND WATER PROOFING

- EXPANSION JOINTS TO BE PROPERLY TREATED USING WATER STOPPERS, SEALANT AND COVER PLATES (IF NECESSARY). WORK TO BE CARRIED OUT THROUGH REPUTED FIRMS SUCH AS SIKA OR HILTI OR EQUIVALENT.
- BITUMEN FELT / WATER PROOFING ULTRA SEAL CHEMICAL COATING OR EQUIVALENT MATERIAL FOR DPC.
- UPVC / DRAINAGE PIPES TO BE PROPERLY JOINTED WITH SUITABLE ADHESIVES/CHEMICALS ETC. AS PROVIDED AND RECOMMENDED BY APPROVED MANUFACTURERS. DESIGN SLOPES TO BE MAINTAINED.
- WATER PROOFING MODIFIED BITUMEN MEMBRANES OR TWO COATS OF ULTRA SEAL CHEMICAL WATER PROOFING MAY BE USED INSTEAD OF BITUMEN AND POLYTHENE SHEETS FOR ROOF TREATMENT.
- CAVITY WALL MAY BE PROVIDED ON SOUTH / WEST SIDE.
- HOLLOW CONCRETE BLOCK MAY BE USED IN FRAME STRUCTURE FOR OUTER WALL SPECIALLY ON SOUTH / WEST SIDE.
- ASH FLY P.C.C. BLOCKS MAY BE USED IN FRAME STRUCTURE AS PARTITION WALL TO REDUCE THE LOAD AND TO MAKE THE LIGHT WEIGHT ECONOMICAL STRUCTURE.

ELECTRICAL & LIGHTING

- BEST QUALITY ELECTRIC WIRES, ELECTRICAL AND LIGHTING FIXTURES , SWITCH GEARS / PANEL BOARDS, LIGHTENING CONDUCTORS AND ARRANGEMENTS TO BE PROCURED FROM APPROVED MANUFACTURERS (BOSCH, HI-LIFE OR EQUIVALENT).
PREFERABLY CHINA FITTING IN GENERAL BUILDINGS FOR EASE OF COMPONENT REPLACEMENT.
- APPROVED WATER PROOF OUTDOOR LIGHTS FOR OUTDOOR AND BUILDING ILLUMINATION TO BE PROVIDED.
- BEST QUALITY APPROVED COPPER CONCEALED WIRING FOR ELECTRICITY (PAKISTAN CABLE/ FR CABLES OR EQUIVALENT) TO BE PROVIDED.
- EMERGENCY BACK UP ELECTRIC POWER GENERATOR & UPS SYSTEM AS PER BUILDING/ CLIENT'S REQUIREMENTS TO BE PROVIDED.
- CCTV SURVEILLANCE AND SECURITY SYSTEM TO BE PROVIDED WHERE REQUIRED.

BATHROOM & KITCHEN

- R.C.C SLABS OF ALL LAVATORIES / WASH ROOMS / KITCHENS TO BE KEPT DEPRESSED BY 6" WHEREVER POSSIBLE TO INCORPORATE SANITARY PIPES OR UNDER SLAB FLEXIBLE JOINT FITTING SYSTEM TO BE GIVEN.
- FINISHED FLOORS OF ALL LAVATORIES / BATH ROOMS / KITCHENS / PANTRIES TO BE KEPT 3/4" LOWER FROM REMAINING FLOOR LEVEL.
- BEST QUALITY BATH ROOM FIXTURES TO BE INSTALLED (PORTA OR EQUIVALENT) FOR FIXTURES. GROHE, MASTER OR EQUIVALENT FOR FITTINGS AND ACCESSORIES.
- BEST QUALITY LOCAL BATHROOM FITTINGS (MASTER OR EQUIVALENT) TO BE PROVIDED.
- APPROPRIATE EXHAUST FANS TO BE PROVIDED IN EACH WASH ROOM / LAVATORY / KITCHEN/ PANTRY AND LABS AND WHERE IT IS REQUIRED.

PROPOSAL FOR IMPROVED GENERIC BUILDINGS SPECIFICATIONS

PUBLIC HEALTH/ PLUMBING

- BEST QUALITY PPRC APPROVED HOT & COLD WATER SUPPLY PIPES TO BE INSTALLED (POPULAR, TURK PLAST, MASTER OR EQUIVALENT).
- BEST QUALITY UPVC PIPES TO BE USED FOR SEWERAGE SYSTEM (POPULAR OR EQUIVALENT).
- SEPTIC TANK, SOAKAGE PIT & STORM WATER TANK WITH SUMP TO BE PROVIDED WHERE REQUIRED.
- TUBE WELL WITH BORE UP TO DRINKABLE WATER DEPTH (AS PER SITE CONDITIONS) ACCORDING TO PUBLIC HEALTH REQUIREMENTS TO BE PROVIDED WHERE REQUIRED.

TERMITE CONTROL

- EFFECTIVE TERMITE PROOFING IN FOUNDATION AND BASE FLOOR IN APPROPRIATE MIX RATIO AND QUANTITY TO BE DONE IN FOLLOWING AREAS.
 - TRENCH FLOOR & WALLS
 - FOUNDATION MASONRY
 - BACK FILL MATERIAL UNDER FLOORING
 - OPEN LAWNS

THERMAL INSULATION / FIRE FIGHTING

- THERMAL INSULATION 2" THICK HIGH DENSITY POLYURETHANE BOARD (JUMBOLON OR EQUIVALENT) TO BE INSTALLED ON ROOF.
- DOUBLE GLAZED GLASS FILLED WITH ARGON GAS MAY BE INSTALLED IN WINDOWS WHERE NECESSARY.
- SMOKE & HEAT DETECTION FIRE ALARM & FIRE FIGHTING SYSTEM TO BE PROVIDED WHERE REQUIRED.

EXTERIOR WORKS/EXTERNAL DEVELOPMENT

- ALL CAST IN SITU PLANTERS TO BE MADE IN RCC WORKS / WATERPROOFED FROM INSIDE BEFORE FINISHING WITH SPECIFIED MATERIAL BY SIKA , ULTRA SEAL, ROOF GRIP OR EQUIVALENT.
- CONCRETE PAVERS FROM APPROVED MANUFACTURERS (IZHAR, CONCRETE CONCEPTS, TUFF OR EQUIVALENT) TO BE PROVIDED.

AMMENITIES FOR SPECIAL PERSONS

- DEDICATED PARKING SPACES FOR SPECIAL/HANDICAPPED PERSONS TO BE PROVIDED.
- DEDICATED ROUTES FROM VEHICULAR PARKING TO BUILDING ENTRANCE FOR SPECIAL/HANDICAPPED PERSONS TO BE PROVIDED..
- DEDICATED RAMPS FOR SPECIAL/HANDICAPPED PERSONS TO BE PROVIDED.
- ELEVATORS FOR VERTICAL MOVEMENT FOR SPECIAL/HANDICAPPED PERSONS TO BE PROVIDED.
- DEDICATED WASHROOMS AS PER STANDARDS FOR SPECIAL/HANDICAPPED PERSONS TO BE PROVIDED.
- GRAB/HAND RAILS TO BE PROVIDED AT APPROPRIATE LOCATIONS.

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