

**PROPOSED ROOF COVERING OF WALK WAYS AT IOM FACILITIES IN ABUJA**

**OPTION A**

**PROPOSED ROOF COVERING OF WALK WAY/WAITING AREAS CANOPY using, 10mm thick Danpalon Multi-Cell translucent panels (600mm sheet width) with grip connector ( CSA made type)**

<b>Item</b>	<b>Description</b>	<b>Qty</b>	<b>Unit of Measure</b>	<b>Unit Price</b>	<b>Total Price</b>
	<b><u>DEMOLITION AND ALTERATION</u></b>				
A	Carefully remove existing interlocking tiles paving to the walk ways and prepared to received iron poles concrete pads and keep same on site to be re-intall		Item		
B	Carefully break existing concrete paving to the walk ways and prepared to received iron poles concrete pads and cart away debris		Item		
C	Allow a sum for any additional demolition work to be executed in this section of work as directed by the Architect		Sum		
	<b><u>DEMOLITION AND ALTERATION</u></b>				
	<b>Total carried to summary</b>				<hr style="width: 100px; margin-left: auto; margin-right: 0;"/> -

<b>S/NO</b>	<b>DESCRIPTION OF WORK</b>	<b>QTY</b>	<b>Unit of Measure</b>	<b>Unit Price</b>	<b>Total Price</b>
	<b><u>SUB-STRUCTURAL WORKS</u></b> <b><u>(Foundation)</u></b>				
	<b><u>Excavation and Earth work</u></b>				
A	Excavate pit for concrete pad starting from existing pavrment and maximum depth not exceeding 1.5m deep	22	m3		
B	Compact bottom of excavation to receive concrete blinding	15	m2		
C	Backfill excavated materials around concrete pad in foundation	9	m3		
D	Remove surplus excavated from site and deposited in spoil heap	14	m3		
	<b><u>In situ Concrete Work</u></b>				
	<b><u>aggregate) developing minimum 21 N/sq.mm works strength at 28 days in</u></b>				
E	50mm blinding in pad bases	17	m2		
F	Allow a sum for making good pavements around concrete pads		item		
	<b><u>Reinforced in situ concrete (1:2:4 - 20mm aggregate) developing minimum 21N/sq.mm works strength at 28 days in</u></b>				
G	Concrete pads to receive round iron pipe as support to roof cover to walk way	8	m <sup>3</sup>		-
	<b>CARRIED TO COLLECTION</b>				<b><u>0.00</u></b>

<b><u>Reinforcement</u></b>		<b>QTY</b>	<b>Unit of Measure</b>	<b>Unit Price</b>	<b>Total Price</b>
<b><u>High tensile reinforcement bar to BS 4449 including bends, hooks, tying wire and distance block</u></b>					
A	16mm in pad with treaded end	329	kg		-
B	10mm stirrups in pads	157	kg		-
<b><u>FORMWORK</u></b>					
<b><u>Swan Formwork to:</u></b>					
C	Sides of pads	20	m2		-
<b>TOTAL CARRIED TO COLLECTIONS</b>					-
<b><u>COLLECTIONS</u></b>					
	Page WW/02				-
	Page WW02				<u>0.00</u>
<b><u>SUB - STRUCTURAL WORKS)(Foundation)</u></b>					
<b>TOTAL CARRIED TO SUMMARY</b>					-

	<b><u>SUPER-STRUCTURAL WORKS( Above Foundation)</u></b>	<b>QTY</b>	<b>Unit of Measure</b>	<b>Unit Price</b>	<b>Total Price</b>
	<b><u>STRUCTURAL STEEL FRAMES</u></b>				
	<b><u>Fabricate steel work grade 43C; BS 4360 framed work comprising stanchion, beams, fixing accessories etc</u></b>				
A	75mm diameter x 4mm thick round pipe as support to walkway roof structure	200	m		-
B	100 X 75 X 5mm stanchion for ditto staircase roof	24	m		-
	<b><u>Sundries</u></b>				
C	Allow a provisional sum for steel other fittings to be executed complete comprising mild steel base plate, gusset plates including associates bolts, nuts and washers, angle cleats welded to round iron pipe and angle iron rafters as directed by the engineer on site			sum	
	<b><u>Painting</u></b>				
	<b><u>Prepare, rub down all rust mill scale and apply one undercoat of red oxide primer and approved gloss paint</u></b>				
D	Structural steelwork before erection	127	m2		-
	<b><u>STRUCTURAL STEEL WORK</u></b>				
	<b>TOTAL CARRIED TO SUMMARY</b>				-

	<b><u>ROOF WORK</u></b>	<b>QTY</b>	<b>Unit of Measure</b>	<b>Unit Price</b>	<b>Total Price</b>
A	High quality reinforced plastic roof covering nailed to the roof trusses (measured seperately) to cover external entrance and sit out	36	m2		-
B	High quality dampalon flashing complete with framing to sit out areas at the external main entrance	6	m2		-
C	Allow a sum for installation accessories including scaffold		item		
	<b><u>OPTION A:Supply and install, 10mm thick Danpalon Multi-Cell translucent panels (600mm sheet width) with grip connector ( CSA made type) on fabricated steel frames, including engraving where necessary as directed on site and complete with accessories</u></b>				
D	10mm thick Roof dampalon covering	232	m2		-
	<b><u>Steel Work</u></b>				
	<b><u>The following in 6mm thick steel angle works complete including three coat red oxide paint</u></b>				
G	100 x 75 x 3mm thick hollow section steel tiebeam welded on stanchion to staircase roofing.	24	m		-
H	Ditto 75 x 50mmx 3mm ditto to walkway roofing.	168	m		-
I	38mm x 3mm thick black round pipe roof trusses to walkway roofing.	497	m		-
J	50mm x 3mm thick black round pipe roof trusses to staircase roofing.	67	m		-
K	38 x 38 x 2mm thick hollow section square steel pipe purline welded on roof trusses	588	m		-
L	3mm thick lazer cut pattered steel sheet flashing to entrance cover	25	m2		-
	<b>CARRIED TO COLLECTION</b>				-

		<b>QTY</b>	<b>Unit of Measure</b>	<b>Unit Price</b>	<b>Total Price</b>
	<b><u>SUNDRIES</u></b>				
A	<i>Allow a provisional sum for other steel fittings to be executed complete comprising mild steel base plate, gusset plates including associates bolts, nuts and washers, angle cleats welded to round iron pipe and angle iron rafters as directed by the engineer on site</i>		sum		
B	<i>Prepare and apply antirust and oil paint</i>	142	m2		-
	<b><u>Rain water collector</u></b>				
C	<i>Allow a sum for rain water collector to be installed as directed by the Architect on site</i>		Sum		
	<b>CARRIED TO COLLECTION</b>				-
	<b><u>COLLECTIONS</u></b>				
	<i>Page WW/05</i>				-
	<i>Page WW/06</i>				-
	<b><u>ROOF WORK</u></b>				
	<b>TOTAL CARRIED TO SUMMARY</b>				-

	<b><u>PLASTIC OUT DOOR VISITORS SEATS</u></b>	<b>QTY</b>	<b>Unit of Measure</b>	<b>Unit Price</b>	<b>Total Price</b>
A	Supply and fix approved type plastic seats on fabricated metal frames complete with fixing and accessories	28	NO		-
	<b><u>PLASTIC OUT DOOR VISITORS SEATS</u></b> <b>TOTAL CARRIED TO SUMMARY</b>				-

<b>SUMMARY</b>					
<b>Ref</b>	<b>Description</b>	<b>Qty</b>	<b>Unit of Measure</b>	<b>Unit Price</b>	<b>Total Price</b>
1	DEMOLITION AND ALTERATION				-
2	SUB - STRUCTURAL WORKS(FOUNDATION)				-
3	STRUCTURAL STEEL WORKS				-
4	ROOF WORK				-
5	PLASTIC OUT DOOR VISITORS SEATS				-
	<b>SUB - TOTAL</b>				-
	<b>ADD: PRELIMINARIES CONTINGENCIES</b>				
	<b><u>PROPOSED CONSTRUCTION OF WALK WAY ROOF COVER/WAITING AREAS CANOPY</u></b>				
	<b>TOTAL CONTRACT SUM</b>				-