

OFFICE PERIMETER WORKS (SECURITY ENHANCEMENT)							
S/N	DESCRIPTION OF WORK	QUANTITY	UNIT	UNIT COST (NGN)	TOTAL COST (NGN)	TOTAL COST (USD)	REMARK
<b>1 PRELIMINARIES</b>							
A	Site preparation: Excavation of top soil not more than 100mm around gutter and lawn. Marking areas which stanchions would be installed. Site survey for adequate gradient.	1.00	Ls		-	-	the lawn between the perimeter fence and the municipal hard pavement should be free of all installations
B	Removal and replacement of concrete Jersey Barriers	1.00	Ls		-	-	all concrete barriers in the way would need to be moved for works to commence and replaced afterwards.
C	Manual cutting and filling to level all areas	1.00	Ls		-	-	this would slope to allow adequate drain
					-	-	
<b>2 IRONMONGERY</b>							
A	Provide and install 100mm x 6.0mm thick circular steel pipe properly riveted to a 12mm base plate	32.00	m		-	-	the main members of the outdoor stand
B	Provide fabricated 12mm thick steel base plate (450mm x 450mm) with gusset plate and cleats according to Engineer's specification	6.00	sq.m		-	-	plates for joining accessories and tightening
C	Provide and install 75mm x 6.0mm thick circular steel pipe properly riveted to covering	103.00	m		-	-	transom horizontal members, running through the entire covering
D	Provide and install 50mm x 50mm x 2.0mm thick square steel pipe properly riveted to covering	93.00	m		-	-	running through top and bottom joining all 100mm circular pipes together
E1	Provide and install on the steel pipes good quality tarpaulin (membrane) fastened and stretched on one side	76.00	sq.m				top covering >= 3.6m wide (option1)
E2	Provide and install on the steel pipes good quality translucent polycarbonate sheets	94.50	sq.m				top covering >= 3.6m wide (option2)
E3	Provide and install on the steel pipes good quality Fiber reinforced plastic glass	94.50	sq.m				top covering >= 3.6m wide (option3)
F	Provide and install waiting seats, welded to 50mm pipe and covered with anti rust oxide paint coating	15.00	Nr		-	-	
					-	-	
<b>3 DRAINAGE</b>							
A	Plain insitu concrete (1:10-40m aggregate) vibrated and not exceeding 25mm thick	21.00	sq.m		-	-	floor oversite concrete as well as marked pedestrian areas, including sides of drain
B	100mm pvc receptacles/accessories placed on the floor to drain water	10.00	Nr		-	-	ground pipes and drain covers
C	Well compacted lateritic soils mechanically tampered at adequate moisture ratio as specified by supervisory Engineer	12.00	cu.m		-	-	soft landscaped area
D	Provide and install 150mm Pvc roof gutters, pipes and accessories	36.20	m		-	-	roof drain for both sheds

