

## C2.2 Bill of Quantities

<b>Bill of Quantities No1: Preliminary and General</b>					
<b>Item</b>	<b>Description</b>	<b>UOM</b>	<b>QTY</b>	<b>Rate</b>	<b>Total Excl. VAT.</b>
1.1	Site Establishment and Dis Establishment Complete. Careful planning will be required from building contractor to ensure adequate allowance in your price for works to be conducted after hours and weekends.	Sum	1	R	R
1.2	Temp Staff (ACSA) office accommodation and Storage Containers for Equipment and office furniture for a period of 18 Months	Sum	1	R	R
1.3	Provisional sum for Permits	Sum	1	R 100 000.00	R 100 000.00
1.4	OHS Related Safety Charges (Safety File, PPE etc complete)	Sum	1	R	R
1.5	Engineering/Professional Fees, Including Architectural Drawings, Manuals, Plans, municipal approvals etc complete	Sum	1	R 500 000.00	R 500 000.00
<b>TOTAL Bill of Quantities No1: Preliminary and General - carried forward to summary</b>					<b>R</b>

<b>Bill Of Quantities No. 2 : King Phalo Airport – Refurbishment to Main Electrical Complex</b>					
<b>Item</b>	<b>Description</b>	<b>UOM</b>	<b>QTY</b>	<b>Rate</b>	<b>Total Excl. VAT.</b>
<b>1</b>	<b>Renovations to ablution/shower facilities for to accommodate both genders</b>				
1.1	<b>Inside Complex Ablutions – MC 21</b>				
	Remove the existing floor tiles and prepare surface to receive new ceramic floor tiles, including supply and fit of new ceramic tiles	m <sup>2</sup>	24		
	Remove the existing wall tiles and prepare surface to receive new ceramic wall tiles, including supply and fit of new ceramic tiles and accessories complete	m <sup>2</sup>	130		
	Prepare and make good and Paint existing ceiling including cornices , waterproof, anti mould, and steam proof Dulux white paint or similar, minimum 5-year guarantee.	m <sup>2</sup>	24		
	Remove existing Toilets complete, including accessories such as pans, traps, seats etc and replace with new including accessories complete, new toilets to be connected to the existing drainage and system check and ensure all drainage and sewer piping is clear of any blockages.	Ea.	2		
	Remove the existing hand wash basins complete, including accessories and replace with new, and these to be connected to the existing drainage system	Ea	2		
	Remove Urinals Complete	Ea.	2		
	Relocate existing geyser outside , including pipe work etc complete	Ea.	1		
	Supply and install signage on door MC 21 - LADIES.	Ea.	1		
	Remove and Replace existing lighting with 58-watt LED waterproof/ steam proof lights.	Ea.	2		
	Prepare and paint existing doors, including frames complete	Ea.	4		
	Install new door handle with turnkey lock with 3 spare keys to MC 20 door.	Ea.	2		
	Replacement of door handles, including making good surface of door complete.	Ea.	2		
	Remove existing locks and Install new door lock with turnkey type lock on the interior and lock with two spare keys on the outsides to MC 21 door, including making good surface of the door complete.	Ea.	2		
	Remove existing locks and Install new door lock with turnkey type lock on the interior and indicator on the outsides to MC 21 door, including making good surface of the door complete.	Ea.	2		
	Carefully remove existing shower doors, including frame, shower head etc complete and Install new separate glass frosted black shower doors	Ea.	2		

	including frame, soap holders, hot and cold water shower head to be water efficient, taps, towel rails etc complete including connecting to existing drainage system				
	Install new Shower bench	Ea.	1		
	Remove existing mirrors and replace mirrors with new 700 x 450mm frameless bevel mirrors or similar approved, including making good wall surface	Ea.	2		
	Remove existing clothing hanger and replace with new	Set	1		
	Install new stainless steel wall mounted soap dispenser	Ea.	1		
	Install new stainless steel hand dryer	Ea.	1		
	Install new stainless steel wall mounted 3 Toilet paper holder	Ea.	2		
	Breakdown existing 17 m <sup>2</sup> internal wall and make good plaster and paint on wall and screed on floor where wall removed	Item	1		
	Build new 110 mm internal wall complete, including breaking up wall for new door and plaster and paint to new 20 m <sup>2</sup> wall	Item	1		
	Remove existing light switch cover and replace with new wall mounted	Ea.	1		
	Carefully remove existing windows size 500 x 900 mm, including burglar proofing and set-aside for re-use	Ea.	4		
	Supply and install new aluminium windows complete size 500 x 900 , including burglar proofing to windows	Ea.	4		
	Carefully remove existing windows size 1300 x 1000 mm, including burglar proofing and set-aside for re-use	Ea.	1		
	Supply and install new aluminium windows complete size 1300 x 1000 mm, including burglar proofing to windows	Ea.	1		
	All rubble to be removed from site.	Ea.	1		
<b>1.2</b>	<b>Outside Complex Ablutions MC 19 and MC 20</b>				
	Breakdown existing 35 m <sup>2</sup> internal wall separating MC 19 and MC 20 and make good plaster and paint on wall and screed on floor where wall removed.	Item	1		
	Supply and install signage on door MC - MALES.	Ea.	1		
	Carefully Remove door and frame from MC 19 and MC 20 and set aside for re-use.	No	2		
	Build new 270 mm External wall complete, including plaster and paint to new 5 m <sup>2</sup> wall	Item	1		
	Reposition existing toilet cubical door in MC 19 make opening to match cubicle in MC20, use existing door frame and door for new opening.	Item	1		
	Remove existing urinals complete and install new wall mounted urinals complete, connecting into current sewer outlet system.	Ea.	2		
	Remove the existing hand wash basins, including taps with aerators etc and other accessories complete and replace with new, and these to be connected to the existing drainage system	Ea.	2		
	Remove existing Toilets complete, including accessories such as pans, traps, seats etc and replace with new, including accessories complete, new toilets to be connected to the existing drainage and system check and ensure all drainage and sewer piping is clear of any blockages.	Ea.	2		
	Prepare and make good and Paint existing ceiling including cornices with waterproof, anti mould, and steam proof Dulux white paint or similar, minimum 5-year guarantee.	m <sup>2</sup>	24		
	Remove the existing wall tiles and prepare surface to receive new ceramic wall tiles, including supply and fit of new ceramic tiles and accessories complete	m <sup>2</sup>	142		
	Install shower mosaic tiles, non-slippery	m <sup>2</sup>	10		
	Build new 110 mm Internal shower dividing walls complete, including plaster to wall	m <sup>2</sup>	35		
	Build concrete shower floor stand not exceeding 100 mm high , including screed to floor	m <sup>2</sup>	10		
	Install new separate glass frosted black shower doors including frame, soap holders, hot and cold water shower head to be water efficient, taps, towel holder etc complete , including connecting to existing drainage system	Ea.	2		
	Replace existing light fittings with 58-watt LED steam proof lights.	Ea.	3		
	Remove existing locks and Install new door lock with turnkey type lock on the interior and indicator on the outsides to toilet doors, including making good surface of the door complete.	Ea.	2		

	Remove existing door handles and replace with new	Ea.	2		
	Prepare and paint existing doors, including frames complete	Ea.	2		
	Remove existing mirrors and replace mirrors with new 700 x 450mm frameless bevel mirrors or similar approved, including making good wall surface	Ea.	2		
	Remove existing clothing hanger and replace with new	Set	1		
	Install new stainless steel wall mounted soap dispenser	Ea.	1		
	Install new stainless steel hand dryer	Ea.	1		
	Install new stainless steel wall mounted 3 Toilet paper holder	Ea.	2		
	Supply wooden shower bench	Ea.	1		
	Remove existing light switch cover and replace with new	Ea.	1		
	Carefully remove existing windows size 500 x 900mm, including burglar proofing and set-aside for re-use	Ea.	4		
	Supply and install new aluminium windows complete size 500 x 900mm, including burglar proofing to windows	Ea.	4		
	Remove current rubble form inside ablutions and building rubble from site	Ea.	1		
<b>2</b>	<b>Painting and general ambience of Electrical Complex building (External and Internal)</b>				
<b>2.1</b>	<b>External</b>				
	Clear site of all debris, bushes, trees etc. complete	m <sup>2</sup>	100		
	Prepare and repaint outside walls to match the existing with hard wearing paint, patch cracks with poly filler and apply 2 coats of exterior paint, paint to match the existing colour, minimum 10-year guarantee	m <sup>2</sup>	1740		
	Prepare and paint outside metal roof with charcoal grey paint or similar approved, minimum 10-year guarantee	m <sup>2</sup>	1398		
	Prepare , make good and paint existing external cills, apply 2 coats of paint, paint to match the existing colour, minimum 10-year guarantee	m	100		
	Prepare and paint Nutec or similar approved fibre cement fascia and barge boards , minimum 10-year guarantee	m	350		
	Remove existing external tiles and replace with new external tiles at front entrance stoep	m <sup>2</sup>	38		
	Repaint with 2 coats white paint roof overhanging boxing area, minimum 5-year guarantee	m <sup>2</sup>	245		
	Earthing to roof, SANS standards	Ea.	4		
	Supply and install LED exterior motion detector lights	Ea.	5		
	Seal, waterproof and close off existing wall opening to prevent water influx, including removing existing growing vegetation	m	20		
<b>2.2</b>	<b>Internal</b>				
	<b>2.2.1. Passageway (MC01 behind electrician's office and board room)</b>				
	Prepare, make good and paint existing internal walls with one coat universal undercoat apply two coats of waterproof, anti mould and steam proof Dulux broken white paint or similar approved, including repairing cracks with poly filler where required, minimum 10-year guarantee	m <sup>2</sup>	168		
	Prepare and make good and Paint existing ceiling including cornices, with waterproof, anti mould, and steam proof Dulux white paint or similar approved, minimum 10-year guarantee.	m <sup>2</sup>	24		
	Remove existing vinyl floor tiles and supply and fit with new ceramic tiles.	m <sup>2</sup>	24		
	Remove existing skirting and replace with new hardwood skirting, including paint to skirtings.	m	36		
	Remove existing piping on wall complete and close off	Item	1		
	Carefully remove existing door size 2970 x 1490 mm, including burglar proofing and set-aside for re-use	Ea.	1		
	Supply and install new aluminium door complete size 2970 x 1490mm, including burglar proofing to door	Ea.	1		
	Break existing two way switch to 1 way and replace existing light switch cover and replace with new wall mounted	Ea.	1		
	Remove existing socket cover and replace with new wall mounted	Ea.	2		
	Remove existing power skirting and replace with new	m	6		

	Prepare and paint existing doors, including frames complete	Ea.	5		
	<b>2.2.2. Board room (To be Techs Room)</b>				
	Remove existing and Supply and install steel double channel power skirting in oak finish, supply, install and connect 10 normal socket outlets with covers, Electrical COC to be issued on completion.	m	20		
	Prepare , make good and paint existing internal walls with one coat universal undercoat apply two coats of waterproof, anti mould and steam proof Dulux broken white paint or similar approved, including repairing cracks with poly filler where required, minimum 10-year guarantee	m <sup>2</sup>	102		
	Removal of existing ceiling and replace with new 12mm plasterboard suspended ceiling , skim plastered and Painted , including steel frame ,cornices, paint with waterproof, anti mould, and steam proof Dulux white paint or similar approved, minimum 10-year guarantee.	m <sup>2</sup>	26		
	Remove the existing floor tiles and prepare surface to receive new ceramic floor tiles, including supply and fit of new ceramic tiles and accessories complete	m <sup>2</sup>	26		
	Remove existing light switch cover and replace with new wall mounted covers	Ea.	1		
	Remove existing socket, including trunking	Ea.	2		
	Remove existing socket covers and replace with new wall mounted covers	Ea.	2		
	Supply and install new Air conditioner, including trunking of cables ect complete	Ea.	1		
	Carefully remove existing windows size 2450 x 1200mm, including burglar proofing, blinds etc and set-aside for re-use	Ea.	1		
	Supply and install new aluminium windows size 2450 x 1200 complete, including burglar proofing to windows	Ea.	1		
	Remove and replace existing light fitting with new	Ea.	2		
	Installation of new blinds to window	Ea.	1		
	Prepare and paint existing doors, including frames complete	Ea.	2		
	Remove existing door locks and handles and replace with new handle and 3 lever lock	Ea.	2		
	Install new half-moon satin nickel door stop or similar approved	Ea.	2		
	Remove existing skirting and replace with new hardwood skirting, including paint to skirtings.	m	15		
	<b>2.2.3. Electricians Office. (MC 24)</b>				
	Remove existing and Supply and install steel double channel power skirting in oak finish, supply, install and connect ten normal socket outlets with covers connected to supply and COC to be issued	m	20		
	Prepare, make good and paint existing internal walls with one coat universal undercoat apply two coats of waterproof, anti mould and steam proof Dulux broken white paint or similar approved, including repairing cracks with poly filler where required, minimum 10-year guarantee	m <sup>2</sup>	101		
	Removal of existing ceiling and replace with new 12mm plasterboard suspended ceiling, skim plastered and Painted, including steel frame ,cornices, paint with waterproof, anti mould, and steam proof Dulux white paint or similar approved, minimum 10-year guarantee.	m <sup>2</sup>	26		
	Remove the existing floor tiles and prepare surface to receive new ceramic floor tiles, including supply and fit of new ceramic tiles and accessories complete	m <sup>2</sup>	26		
	Remove existing light switch cover and replace with new wall mounted covers	Ea.	1		
	Remove existing socket covers and replace with new wall mounted covers	Ea.	5		
	Carefully remove existing windows size 2450 x 1200mm, including burglar proofing, blinds etc and set-aside for re-use	Ea.	1		
	Supply and install new aluminium windows size 2450 x 1200mm complete, including burglar proofing to windows	Ea.	1		
	Remove and replace existing light fittings and replace with new	Ea.	2		
	Installation of new blinds to window	Ea.	1		
	Prepare and paint existing doors, including frames complete	Ea.	2		
	Remove existing door locks and handles and replace with new handle and 3 lever lock	Ea.	2		
	Install new half-moon satin nickel door stop or similar approved	Ea.	2		
	Remove existing wall mounted shelving and make good wall where shelves removed.	Item	1		

	Remove existing wall mounted notice board and replace with new	Ea.	1		
	Remove existing wall mounted writing board and replace with new	Ea.	1		
	Remove existing skirting and replace with new hardwood skirting, including paint to skirtings.	m	15		
	<b>2.2.4. Tradesman Aid/ Surface Maintenance Office</b>				
	Supply and install steel double channel power skirting in oak finish, supply ten normal socket outlets with covers and connect to supply. Electrical COC to be issued on completion.	m <sup>2</sup>	15		
	Remove wall tiles and make good surface	m <sup>2</sup>	44		
	Supply and install additional LED light and electrical COC to be issued on completion.	Ea.	1		
	Build up existing internal wall complete, including plaster and paint	m <sup>2</sup>	3		
	Supply and install new Air conditioner, including trunking of cables ect complete	Ea.	1		
	Prepare, make good and paint existing internal walls with one coat universal undercoat apply two coats of waterproof, anti mould and steam proof Dulux broken white paint or similar approved, including repairing cracks with poly filler where required, minimum 5-year guarantee	m <sup>2</sup>	94		
	Prepare, make good and paint existing ceiling including cornices, with waterproof, anti mould, and steam proof Dulux white paint or similar approved, minimum 10-year guarantee.	m <sup>2</sup>	22		
	Remove the existing floor tiles and prepare surface to receive new ceramic floor tiles, including supply and fit of new ceramic tiles and accessories complete	m <sup>2</sup>	22		
	Break existing two way switch to 1 way and replace existing light switch cover and replace with new wall mounted	Ea.	1		
	Remove existing socket covers and replace with new wall mounted covers	Ea.	3		
	Carefully remove existing windows size 2450 x 1200mm, including burglar proofing, blinds etc and set-aside for re-use	Ea.	1		
	Supply and install new aluminium windows size 2450 x 1200mm complete, including burglar proofing to windows	Ea.	1		
	Installation of new blinds to window	Ea.	1		
	Prepare and paint existing doors, including frames complete	Ea.	1		
	Remove existing door locks and handles and replace with new handle and 3 lever lock	Ea.	1		
	Install new half-moon satin nickel door stop or similar approved	Ea.	1		
	Remove existing skirting and replace with new hardwood skirting, including paint to skirtings.	m	15		
	<b>2.2.5. Common area/rest room (MC 25)</b>				
	Remove existing and Supply and install steel double channel power skirting in oak finish, supply, install and connect ten normal socket outlets with covers connected to supply and COC to be issued	m	6		
	Remove existing wall tiles and make good wall surface	m <sup>2</sup>	36		
	Prepare, make good and paint existing internal walls with one coat universal undercoat apply two coats of waterproof, anti mould and steam proof Dulux broken white paint or similar approved, including repairing cracks with poly filler where required, minimum 10-year guarantee	m <sup>2</sup>	118		
	Prepare, make good and paint existing ceiling including cornices, with waterproof, anti mould, and steam proof Dulux white paint or similar approved, minimum 10-year guarantee.	m <sup>2</sup>	43		
	Remove the existing floor tiles and prepare surface to receive new ceramic floor tiles, including supply and fit of new ceramic tiles and accessories complete	m <sup>2</sup>	43		
	Remove existing light switch cover and replace with new wall mounted	Ea.	2		
	Remove existing socket covers and replace with new wall mounted covers	Ea.	1		
	Supply and install new double wall mounted socket, including wiring complete	Ea.	3		
	Carefully remove existing windows size 2070 x 1920mm, including burglar proofing, blinds etc and set-aside for re-use	Ea.	2		
	Supply and install new aluminium windows complete size 2070 x1920mm, including burglar proofing to windows	Ea.	2		
	Carefully remove existing double door, including burglar proofing and set-aside for re-use	Ea.	1		
	Supply and install new aluminium double door complete, including burglar proofing to doors	Ea.	1		

	Prepare and paint existing doors, including frames complete	Ea.	2		
	Remove existing skirting and replace with new hardwood skirting, including paint to skirtings.	M	26		
	Carefully remove existing cupboards, including sink, taps etc and set aside for re-use elsewhere	Item	1		
	Remove existing hollow core door and replace with new internal timber solid door, including ironmongery complete.	Ea.	1		
	Remove plastic wipes machine, soap dispenser	Ea.	2		
	Remove existing clothing hanger	Set	1		
	<b>2.2.6. Kitchen (MC27)</b>				
	Remove the existing vinyl floor tiles and prepare surface to receive new ceramic floor tiles, including accessories etc complete	m <sup>2</sup>	20		
	Remove the existing wall tiles and prepare surface to receive new ceramic wall tiles, including supply and fit of new ceramic tiles	m <sup>2</sup>	10		
	Prepare, make good and paint existing ceiling including cornices, with waterproof, anti mould, and steam proof Dulux white paint or similar approved, minimum 10-year guarantee.	m <sup>2</sup>	20		
	Prepare and paint existing walls above tiles with waterproof, anti- mould, and steam proof Dulux white paint or similar approved, minimum 10 - year guarantee	m <sup>2</sup>	75		
	Remove existing light switch cover and replace with new mounted covers	Ea.	1		
	Remove existing socket and replace with new wall mounted, including trunking to visible cables	Ea.	5		
	Remove existing stove isolator and replace with new wall mounted	Ea.	1		
	Carefully remove existing window size 1220 x 1950mm, including burglar proofing, blinds etc and set-aside for re-use	Ea.	1		
	Supply and install new aluminium windows size 1220 x 1950mm complete, including burglar proofing to windows	Ea.	1		
	Remove tissue roller and make good wall	Ea.	1		
	Remove key holder box and make good wall	Ea.	1		
	Carefully remove light fitting and replace with new light fitting, set removed aside for reuse	Ea.	2		
	Remove alarm box and wiring, including making good wall	Ea.	1		
	Prepare and paint existing door, including frame	Ea.	1		
	Remove existing door locks and handles and replace with new handle and 3 lever lock	Ea.	1		
	Remove and replace with new hardwood skirting, including paint	m	17		
	Carefully remove existing built cupboards, lockers etc including sink, taps etc and set aside for re-use elsewhere	Item	1		
	Supply and fit new modern built in kitchen cupboards L shaped, including sink , taps etc complete	Item	1		
	<b>2.2.7. Change room (MC 28)</b>				
	Prepare, make good and paint existing ceiling including cornices, with waterproof, anti mould, and steam proof Dulux white paint or similar approved, minimum 10-year guarantee.	m <sup>2</sup>	18		
	Prepare, make good and paint existing internal walls with one coat universal undercoat apply two coats of waterproof, anti mould and steam proof Dulux broken white paint or similar approved, including repairing cracks with poly filler where required, minimum 10-year guarantee	m <sup>2</sup>	84		
	Prepare and paint existing concrete floors to match existing paint	m <sup>2</sup>	18		
	Remove existing light switch cover and replace with new wall mounted covers	Ea.	1		
	Remove existing socket and replace with new wall mounted, including trunking to visible cables	Ea.	2		
	Carefully remove existing window size 1220 x 1950 mm, including burglar proofing, blinds etc and set-aside for re-use	Ea.	1		
	Supply and install new aluminium window size 1220 x 1950mm complete, including burglar proofing to windows	Ea.	1		
	Carefully remove light fitting and replace with new light fitting, set removed aside for reuse	Ea.	2		
	Prepare and paint existing door, including frame	Ea.	1		
	Remove and replace with new hardwood skirting, including paint	m	17		
	Supply and deliver and install white melamine lockers with lockable doors 4510 x 5000 mm high	Item	1		

	Supply and fit changeroom benches	Ea.	2		
	Install Clothing hangers	Set	1		
	Remove and replace wood at door opening, replace with frosted glass.	Ea.	1		
	Remove existing door locks and handles and replace with new handle and 3 lever lock	Ea.	1		
	<b>2.2.8. Electrical workshop (MC 26/29)</b>				
	Remove existing and Supply and install steel double channel power skirting in oak finish, supply, install and connect 10 normal socket outlets with covers, Electrical COC to be issued on completion.	m	20		
	Prepare, make good and paint existing ceiling including cornices, with waterproof, anti mould, and steam proof Dulux white paint or similar approved, minimum 10-year guarantee.	m <sup>2</sup>	70		
	Prepare, make good and paint existing internal walls with one coat universal undercoat apply two coats of waterproof, anti mould and steam proof Dulux broken white paint or similar approved, including repairing cracks with poly filler where required, minimum 10-year guarantee	m <sup>2</sup>	255		
	Prepare and paint existing concrete floors to match existing paint	m <sup>2</sup>	70		
	Remove existing light switch cover and replace with new wall mounted covers	Ea.	2		
	Remove existing socket and replace with new wall mounted, including trunking to visible cables	Ea.	6		
	Remove existing isolator cover and replace with new wall mounted covers	Ea.	1		
	Carefully remove existing windows size 3400 x 1230 mm, including burglar proofing, blinds etc and set-aside for re-use	Ea.	3		
	Supply and install new aluminium windows size 3400 x 1230 mm complete, including burglar proofing to windows	Ea.	3		
	Installation of Blinds to windows	Ea.	3		
	Carefully remove existing windows size 970 x 1970 mm, including burglar proofing,blinds etc and set-aside for re-use	Ea.	2		
	Supply and install new aluminium windows size 970 x 1970 mm complete, including burglar proofing to windows	Ea.	2		
	Carefully remove light fitting and replace with new light fitting, set removed aside for reuse	Ea.	3		
	Installation of Blinds to windows	Ea	2		
	Prepare and paint existing door, including frame	Ea.	1		
	Remove existing door locks and handles and replace with new handle and 3 lever lock	Ea.	1		
	Remove and replace with new hardwood skirting, including paint	m	50		
	Remove timber single sliding door track and make good wall	Ea.	1		
	Treat and paint timber double door and replace ironmongery (Hinges, floor complete)	m <sup>2</sup>	3		
	<b>2.2.9. Surface/ Mechanical Maintenance workshop (MC 31)</b>				
	Prepare, make good and paint existing ceiling including cornices, with waterproof, anti mould, and steam proof Dulux white paint or similar approved, minimum 10-year guarantee.	m <sup>2</sup>	28		
	Prepare, make good and paint existing internal walls with one coat universal undercoat apply two coats of waterproof, anti mould and steam proof Dulux broken white paint or similar approved, including repairing cracks with poly filler where required, minimum 10-year guarantee	m <sup>2</sup>	102		
	Prepare and paint existing concrete floors to match existing paint	m <sup>2</sup>	28		
	Remove existing light switch cover and replace with new wall mounted cover	Ea.	1		
	Remove existing socket and replace with new wall mounted, including trunking to visible cables	Ea.	2		
	Install new double wall mounted socket outlet, including wiring complete	Ea.	1		
	Carefully remove existing windows size 3400 x 1230 mm, including burglar proofing, blinds etc and set-aside for re-use	Ea.	1		
	Supply and install new aluminium windows size 3400 x 1230 mm complete, including burglar proofing to windows	Ea.	1		
	Installation of Blinds to windows	Ea.	1		
	Carefully remove light fitting and replace with new light fitting, set removed aside for reuse	Ea.	2		
	Remove and replace with new hardwood skirting, including paint	M	22		

	Treat and paint timber double door and replace ironmongery (Hinges, floor complete)	Ea.	1		
	Supply and fit new wall mounted shelving	Ea.	5		
	Supply and fit New Steel double door cabinets	Ea.	2		
	<b>2.2.10. Main Passage next to inside Ablutions and Equipment rooms</b>				
	Prepare, make good and paint existing ceiling including cornices, with waterproof, anti mould, and steam proof Dulux white paint or similar approved, minimum 10-year guarantee.	m <sup>2</sup>	105		
	Prepare, make good and paint existing internal walls with one coat universal undercoat apply two coats of waterproof, anti mould and steam proof Dulux broken white paint or similar approved, including repairing cracks with poly filler where required, minimum 10-year guarantee	m <sup>2</sup>	370		
	Remove the existing vinyl floor tiles and prepare surface to receive new heavy duty vinyl floor tiles, including accessories etc complete	m <sup>2</sup>	105		
	Remove existing light switch cover and replace with new wall mounted cover	Ea.	2		
	Carefully remove existing windows size 1940 x 1230 mm, including burglar proofing, blinds etc and set-aside for re-use	Ea.	9		
	Supply and install new aluminium windows size 1940 x 1230 mm complete, including burglar proofing to windows	Ea.	9		
	Carefully remove light fitting and replace with new light fitting, set removed aside for reuse	Ea.	4		
	Remove existing skirting and replace with new hardwood skirting, including paint	M	82		
	Install 2 x sets of fireproof double doors to separate personal from equipment rooms, varnish doors	Ea.	2		
	Remove existing bell, including wiring and make good wall surface	Ea.	1		
	Prepare and paint existing cills , minimum 10 - year guarantee	M	18		
	Carefully remove existing door size mm, including burglar proofing, blinds etc and set-aside for re-use	Ea.	1		
	Supply and install new aluminium door size mm complete, including burglar proofing to windows	Ea.	1		
	<b>2.2.11 Storage Area (MC 13/09)</b>				
	Prepare, make good and paint existing ceiling including cornices, with waterproof, anti mould, and steam proof Dulux white paint or similar approved, minimum 10-year guarantee.	m <sup>2</sup>	82		
	Prepare, make good and paint existing internal walls with one coat universal undercoat apply two coats of waterproof, anti mould and steam proof Dulux broken white paint or similar approved, including repairing cracks with poly filler where required, minimum 10-year guarantee	m <sup>2</sup>	25		
	Prepare and paint existing concrete floors to match existing paint	m <sup>2</sup>	82		
	Remove existing light switch cover and replace with new wall mounted covers	Ea.	4		
	Supply and install suitable tiered steel shelving 914 x 457mm shelving, uprights 2130 x 40 x 25mm and 6 shelves per tier.	Tier	60		
	Remove and dispose cage	Ea.	1		
	Remove existing skirting and replace with new hardwood skirting, including paint	M	40		
	Replace existing door with new aluminium door, frame etc complete ,including providing for electronic identification mechanism. MC 09	Ea.	2		
	MC 13 Replace existing door with suitable meranti type door, including paint, ironmongery etc complete.	Ea.	1		
	Install galvanized security gate and hinges with bolt outside door MC 13	Ea.	1		
	<b>2.2.12 Storage Area (MC 10/11/12)</b>				
	Remove existing power skirting including wiring complete, including sockets	M	10		
	Prepare, make good and paint existing ceiling including cornices, with waterproof, anti mould, and steam proof Dulux white paint or similar approved, minimum 10-year guarantee.	m <sup>2</sup>	76		
	Prepare, make good and paint existing internal walls with one coat universal undercoat apply two coats of waterproof, anti mould and steam proof Dulux broken white paint or similar approved, including repairing cracks with poly filler where required, minimum 10-year guarantee	m <sup>2</sup>	190		
	Prepare and paint existing concrete floors to match existing paint	m <sup>2</sup>	78		

	Remove existing light switch cover and replace with new wall mounted covers	Ea.	3		
	Remove existing socket and replace with new wall mounted, including trunking to visible cables	Ea.	4		
	Carefully remove existing windows size 1950 x 900 mm, including burglar proofing, blinds etc and set-aside for re-use	Ea.	2		
	Supply and install new aluminium windows size 1950 x 90mm complete, including burglar proofing to windows	Ea.	2		
	Carefully remove light fitting and replace with new light fitting, set removed aside for reuse	Ea.	4		
	Treat, Prepare and paint existing double door, including frame	Ea.	1		
	Remove existing door locks and handles etc complete and replace with new	Ea.	1		
	Remove plastic soap dispensers	Ea.	2		
	Remove existing skirting and replace with new hardwood skirting, including paint	m	31		
	Remove existing sink including taps, piping etc complete and set aside for re-use	Ea.	1		
	Service existing roller shutter door	Ea.	1		
	<b>2.2.13. Outside passage</b>				
	Replace rusted gate (MC 16) and hinges with new galvanized gate and hinges with lock and 4 keys	Ea.	1		
	Paint passage walls with hard wearing paint, patch cracks with poly filler and apply 2 coats of exterior paint, paint to match the existing colour, minimum 10-year guarantee on paint work	m <sup>2</sup>	136		
	Supply and install outside benches	Ea.	2		
	Prepare and repaint ceilings, 2 x coats with hard wearing paint, minimum 10-year guarantee on paint work	m <sup>2</sup>	28		
	<b>2.2.14. Outside Room MC 17</b>				
	Remove existing Drywall partition	m <sup>2</sup>	35		
	Prepare, make good and paint existing internal walls with one coat universal undercoat apply two coats of waterproof, anti mould and steam proof Dulux broken white paint or similar approved, including repairing cracks with poly filler where required, minimum 10-year guarantee	m <sup>2</sup>	109		
	Prepare, make good and paint existing ceiling including cornices, with waterproof, anti mould, and steam proof Dulux white paint or similar approved, minimum 10-year guarantee.	m <sup>2</sup>	30		
	Remove the existing floor tiles and prepare surface to receive new ceramic floor tiles, including supply and fit of new ceramic tiles and accessories complete	m <sup>2</sup>	30		
	Remove existing light switch cover and replace with new wall mounted covers	Ea.	1		
	Remove existing socket covers and replace with new wall mounted covers	Ea.	2		
	Remove existing door and frame and replace with new timber solid door, including ironmongery to door complete	Ea.	1		
	Remove existing skirting and replace with new hardwood skirting, including paint	m	23		
	Carefully remove light fitting and replace with new light fitting, set removed aside for reuse	Ea.	2		
	Remove and Replace corroded sink taps, including sink, cupboard and replace with new complete, taps to be aerated type, connect piping to existing drainage system and clean any blockages	Ea.	1		
	Carefully remove existing windows size 1990x 1270mm, including burglar proofing, blinds etc and set-aside for re-use	Ea.	1		
	Supply and install new aluminium windows size 1990 x 1270 mm complete, including burglar proofing to windows	Ea.	1		
	Carefully remove existing windows size 1220 x 1950 mm, including burglar proofing, blinds etc and set-aside for re-use	Ea.	1		
	Supply and install new aluminium windows size 1220 x 1950 mm complete, including burglar proofing to windows	Ea.	1		
	<b>2.2.15 Outside Room MC 14/15</b>				
	Taking down and removing IBR roof sheeting covering	m <sup>2</sup>	30		
	1.25mm IBR roof sheeting or similar approved to match existing roof covering	m <sup>2</sup>	40		
	Replace doors MV 14 and 15 with new meranti type door	Ea.	2		
	Seal and varnish interior of doors	Ea.	2		

	Seal and paint exterior of doors	Ea.	2		
	Remove existing door locks and handles and replace with new 3 lever door locks, handles, ironmongery etc complete, including spares keys on tags	Ea.	2		
	Install LED 1.5-meter lighting inside room	Ea.	2		
	Remove existing light switch cover and replace with new wall mounted covers	Ea.	1		
	Remove existing socket and replace with new wall mounted	Ea.	1		
	Repair corroded brick work on wall	m <sup>2</sup>	20		
	Prepare, make good and paint existing internal walls with one coat universal undercoat apply two coats of waterproof, anti mould and steam proof Dulux broken white paint or similar approved, including repairing cracks with poly filler where required, minimum 10-year guarantee	m <sup>2</sup>	15		
	Carefully remove existing windows size 1450 x 330 mm, including burglar proofing, blinds etc and set-aside for re-use	Ea.	1		
	Supply and install new aluminium windows size 1450 x 330 mm complete, including burglar proofing to windows complete	Ea.	1		
	Prepare and paint existing concrete floors to match existing paint	m <sup>2</sup>	25		
	<b>2.2.16 Room MC 05</b>				
	Remove existing insulation to walls	m <sup>2</sup>	96		
	Remove existing timber double door, including frame	Ea.	1		
	Altering and building up opening where timber door removed for new opening size 2450 x 1200 mm to fit aluminium window (Window elsewhere measured), overall including necessary brickwork, precast lintols, waterproofing, plaster and paint etc complete	Item	1		
	Remove existing window size 1220 x 970mm and building up opening, including complete necessary brickwork, precast lintols, waterproofing, plaster and paint etc complete	Item	1		
	Breakdown existing internal wall and make good plaster and paint on wall and screed on floor, including removing door, frame (MC 06)	m <sup>2</sup>	30		
	Take out and remove existing piping to wall complete and make good wall surface at MC 06,	Item	1		
	Remove wallpaper from wall	m <sup>2</sup>	35		
	Build new 110 mm internal brick wall complete, including plaster	m <sup>2</sup>	6		
	Remove existing and Supply and install steel double channel power skirting in oak finish, supply, install and connect ten normal socket outlets with covers connected to supply and COC to be issued	M	10		
	Prepare, make good and paint existing internal walls with one coat universal undercoat apply two coats of waterproof, anti mould and steam proof Dulux broken white paint or similar approved, including repairing cracks with poly filler where required, minimum 10-year guarantee	m <sup>2</sup>	104		
	Prepare, make good and paint existing ceiling including cornices, with waterproof, anti mould, and steam proof Dulux white paint or similar approved, minimum 10-year guarantee.	m <sup>2</sup>	31		
	Remove the existing floor tiles and prepare surface to receive new ceramic floor tiles, including supply and fit of new ceramic tiles and accessories complete	m <sup>2</sup>	31		
	Remove existing light switch cover and replace with new wall mounted covers	Ea.	1		
	Remove existing socket covers and replace with new wall mounted covers	Ea.	2		
	Remove existing door and frame and replace with new timber solid door, including ironmongery to door complete	Ea.	1		
	Supply and install new Air conditioner, including trunking of cables ect complete	Ea.	1		
	Remove existing skirting and replace with new hardwood skirting, including paint	m	28		
	Install Blinds to Windows	Ea.	1		
	Carefully remove light fitting and replace with new light fitting, set removed aside for reuse	Ea.	2		
	<b>2.2.17 Room MC 04</b>				
	Remove existing insulation to walls	m <sup>2</sup>	98		
	Remove existing timber double door, including frame	Ea.	1		
	Altering and building up opening overall where timber door removed, including necessary brickwork, precast lintols, waterproofing, plaster and paint etc complete	Item	1		

	Prepare, make good and paint existing internal walls with one coat universal undercoat apply two coats of waterproof, anti mould and steam proof Dulux broken white paint or similar approved, including repairing cracks with poly filler where required, minimum 10-year guarantee	m <sup>2</sup>	98		
	Prepare, make good and paint existing ceiling including cornices, with waterproof, anti mould, and steam proof Dulux white paint or similar approved, minimum 10-year guarantee.	m <sup>2</sup>	27		
	Remove the existing floor tiles and prepare surface to receive new ceramic floor tiles, including supply and fit of new ceramic tiles and accessories complete	m <sup>2</sup>	27		
	Remove existing light switch cover and replace with new wall mounted covers	Ea.	2		
	Remove existing socket covers and replace with new wall mounted covers	Ea.	1		
	Remove existing door and frame and replace with new timber solid door, including ironmongery to door complete	Ea.	1		
	Supply and install new Air conditioner, including trunking of cables etc complete	Ea.	1		
	Remove existing skirting and replace with new hardwood skirting, including paint	m	21		
	Carefully remove light fitting and replace with new light fitting, set removed aside for reuse	Ea.	2		
	Table for reading drawings	Ea.	1		
	Filing cabinet with roller door to fit 2 walls of 5m	Ea.	2		
	<b>2.2.18 MC 32</b>				
	Prepare, make good and paint existing internal walls with one coat universal undercoat apply two coats of waterproof, anti mould and steam proof Dulux broken white paint or similar approved, including repairing cracks with poly filler where required, minimum 10-year guarantee	m <sup>2</sup>	179		
	Prepare, make good and paint existing ceiling including cornices, with waterproof, anti mould, and steam proof Dulux white paint or similar approved, minimum 10-year guarantee.	m <sup>2</sup>	81		
	<b>2.2.19 MC 33</b>				
	Prepare, make good and paint existing internal walls with one coat universal undercoat apply two coats of waterproof, anti mould and steam proof Dulux broken white paint or similar approved, including repairing cracks with poly filler where required, minimum 10-year guarantee	m <sup>2</sup>	88		
	Prepare, make good and paint existing ceiling including cornices, with waterproof, anti mould, and steam proof Dulux white paint or similar approved, minimum 10-year guarantee.	m <sup>2</sup>	36		
<b>3</b>	<b>Additional Space</b>				
	Construction of Additional Technicians Office Room size 7m x 7m (Foundations, Superstructure, Roofs and all finishes etc complete)	Sum	1		
	Construction of Additional Storage Room size 7m x 7m (Foundations, Superstructure, Roofs and all finishes etc complete)	Sum	1		
<b>4</b>	<b>Under Cover Parking Areas</b>				
	Remove broken shade cloth structure complete and supply, and install new structure with galvanized structure and galvanized IBR 2.5mm thick roofing sheets				
	LV room and workshop size (10800 x 7000 mm)	Ea.	1		
	Vehicle parking area Size (7000 x 7000 mm)	Ea.	1		
	Equipment parking area in front of complex (14000 x 7000 mm)	Ea.	1		
<b>5</b>	<b>Signage</b>				
	Fit new and approved SABS signage at all fire extinguishers as per SANS regulations.	Ea.	14		
	Fit new approved SABS evacuation and exits signage as per SANS regulations.	Ea.	10		
	Replace broken hose reel cabinet as per SANS regulations	Ea.	2		
	Fit new fire extinguisher SABS outdoor cabinet as per SANS regulation	Ea.	3		
	Fit SABS approved signage to hose reel in passage as per SANS regulations	Ea.	1		
<b>6</b>	<b>Replace gutters, brackets, and down pipes with new Aluminium type</b>				
	Remove existing Upvc gutter and replace with new Aluminium gutter, including shoes, junctions etc complete	m	350		

	Remove existing Upvc downpipes and replace with Aluminium down pipes, outlets so arranged so water outlet will favour nearest storm water drainage system.	m	110		
	Replace weathered facia boards with new Nutec or similar approved fibre cement type	m	310		
	Replace weathered barge boards with new Nutec or similar approved fibre cement type	m	96		
<b>TOTAL Bill of Quantities No 2: Refurbishment to Main Electrical Complex - carried forward to summary</b>					<b>R</b>
<b>Bill Of Quantities No. 3 : Furniture and Equipment</b>					
<b>1</b>	<b>Replacement of the current furniture which is in a poor condition to suited staff furniture, as well as upgrading office storage and filing.</b>				
	Supply new ergonomic chairs for desks	Ea.	25		
	Supply new Desks with lockable drawers and credenza	Ea.	17		
	Supply new 170l- 22l fridge	Ea.	2		
	Supply and install complete, including wiring etc new 4 plate compact stove with oven	Ea.	1		
	Supply new Microwave 20l electronic	Ea.	3		
	Supply new 1,7l cordless kettle	Ea.	3		
	Sleeping Couch genuine leather 3-seater	Ea.	1		
	Table with 8 chairs (for rest room)	Ea.	1		
	Couches (sofa) 2 seater genuine leather	Ea.	3		
	Kitchen table	Ea	1		
	Supply boardroom table	Ea.	1		
	Supply new ergonomic chairs for board room	Ea.	25		
<b>TOTAL BOQ No. 3 Furniture and Equipment - Carried to summary page</b>					<b>R</b>

DESCRIPTION	TOTAL
Total BOQ No1 - Preliminary and General	R
Total BOQ No2 – Refurbishment to Main Electrical Complex	R
Total BOQ No3 – Furniture & Equipment	R
<b>SUB - TOTAL</b>	<b>R</b>
<b>CONTINGENCY – 10% OF SUB TOTAL</b>	
<b>VAT @ 15%</b>	<b>R</b>
<b>GRAND TOTAL</b>	<b>R</b>
<b>This should be the same as the C1.1 Offer and Acceptance in the Contract</b>	

**NB: All furniture, fixtures and fittings to be inline with Approved Airports Company South Africa  
CORPORATE IMAGE (Refer to attached specifications)  
All CI items to be approved before installations**