



# **PROPOSED REFURBUSHMENT OF ZANACO MPIKA BRANCH, MPIKA, ZAMBIA**

## **TENDER BILLS OF QUANTITIES**

PREPARED BY



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**MARCH, 2023**

PROPOSED REFURBISHMENT OF ZANACO MPIKA BRANCH  
MPIKA- ZAMBIA

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PROPOSED REFURBUSHMENT OF ZANACO MPIKA BRANCH  
MPIKA- ZAMBIA

Item no		Qty	Rate	Amount
	<b><u>DEMOLITIONS (ALL PROVISIONAL)</u></b>			
	<b><u>NOTES ON DEMOLITIONS</u></b>			
A	The contractor shall take all due care to provide shoring, needling, strutting and all temporary works necessary for supporting the existing structure in the course of demolitions and construction until it becomes self supporting	Item		
B	All materials designed for re-use on site shall be cleaned and carefully set aside and protected until need for re-use. Other re-usable materials from demolitions shall be the property of the employer and shall be bundled and transported to a site as directed by the employer	Item		
C	The contractor shall allow for and ensure that all demolitions and methods employed thereof conforms to the regulations by the Zambia Environmental Management Agency and/or Local authority in terms of Dust emissions, noise, ground pollutions etc	Item		
D	An inventory of recoverable materials shall be issued and handed over to the client outlining a list of recoverable materials	Item		
E	All debris arising from demolitions shall promptly be removed from site and dumped to an approved local authority dump site	Item		
F	No extra claims in this section shall be entertained	Item		
G	Prior to demolitions, The contractor is to carry out a survey for existing services and shall notify the local authorities on all existing services in liaison with the client and shall ensure that consent be issued and approvals granted for any disturbances, relocations and removals of existing services.  The contractor shall take due care of such during demolitions as no further claim shall be entertained on account of lack of knowledge in this respect having damaged any existing services.	Item		
	<b>Carried Forward</b>		K	
	Section No. 2 Bill No. 1 DEMOLITIONS/REMOVALS QS-Pro Consults			

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<b>Brought Forward</b>			K	
<b><u>DEMOLITIONS</u></b>				
A	Carefully demolish existing wall overall area 75m <sup>2</sup> . Make good all disturbed works	Item		
B	Carefully and neatly remove existing partitions and hand over to the client. Make good all disturbed works . Overall area approx 20m <sup>2</sup> - Tellers	Item		
C	Carefully and neatly remove existing teller counters overall length 12000mm and hand over to the client. Make good all disturbed works . Banking Hall/ Tellers	Item		
D	Carefully remove existing Timber strip ceiling and allow for the installation of a new ceiling as required (M.S). Making good all disturbed works. Overall area 400m <sup>2</sup>	Item		
E	Carefully and neatly remove existing doors and related accessories. Size 900 x 2000mm (Quantity to be observed on site) and hand over to the client. Make good all disturbed works.	Item		
F	Carefully and neatly remove existing Aluminium partitions to entrance and related accessories. Approx length 25m and hand over to the client. Make good all disturbed works.	Item		
G	Allow for propping of beams where necessary and as indicated	Item		
H	Carefully and neatly remove/hack out existing floor finishes and prepare to receive new floor finish. Make good all disturbed works, cut away debris. Overall area 400m <sup>2</sup>	Item		
J	Make good all existing walls internally by sanding, skimming with Rhinolite and prepare for new finish as per wall schedule Overall area 450m <sup>2</sup>	Item		
K	Carefully scrap off the existing external walls approx area 600m <sup>2</sup> or as per Project Managers instruction, prepare surfaces to receive new painting, remove all debris to an approved dump site and make good all disturbed trades	Item		
<b>Carried Forward</b>			K	
Section No. 2 Bill No. 1 DEMOLITIONS/REMOVALS QS-Pro Consults				

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PROPOSED REFURBISHMENT OF ZANACO MPIKA BRANCH  
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Item no			Qty	Rate	Amount
	<b><u>REINFORCED CONCRETE SUPERSTRUCTURE</u></b>				
	<b><u>PREAMBLES TO CONCRETE WORKS</u></b>				
A	The contractor shall allow for provision of mix design, factory test certificates and prepare sample cubes based on the approved mix design including testing to engineers approval		Item		
B	The contractor shall allow for provision of sample aggregates including testing of aggregates to engineers approval		Item		
	<b><u>CONCRETE WORKS</u></b>				
	<i><u>Vibrated reinforced concrete class 30 in</u></i>				
C	Staircases	m3	2		
D	Ramps, thickness 200mm	m2	8		
	<b><u>FORMWORK AND SHUTTERING</u></b>				
	<i><u>Sawn formwork including propping to heights to engineers approval as described to</u></i>				
E	Soffits of Staircases and ramp Landings	m2	17		
F	Sloping soffits of Staircases and ramps	m2	9		
G	Staircase risers not exceeding 200mm high	m	9		
H	Sides of Staircases and ramps risers and landings	m2	3		
	<b><u>REINFORCEMENT (ALL PROVISIONAL)</u></b>				
	<i><u>Mild steel bar reinforcement to B.S. 4449</u></i>				
J	10 mm Diameter bars	kg	100		
	<i><u>High yield deformed steel bar reinforcement to BS 4461</u></i>				
K	12 mm Diameter bars	kg	150		
	<b>Carried Forward</b>			K	
	Section No. 3 Bill No. 1 REINFORCED CONCRETE SUPERSTRUCTURE QS-Pro Consults				

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	<p style="text-align: center;"><b>Brought Forward</b></p> <p><i>Worked Finishes to concrete works</i></p> <p>A Allow for making grooves to ramps and walkways as per architects specifications</p> <p><b><u>QUALITY ASSURANCE</u></b></p> <p><i>Testing and Quality Control</i></p> <p>B Allow for carrying out concrete cube tests in 3 No. Per test to engineers approval and satisfaction</p>		<p style="text-align: center;">Item</p> <p style="text-align: center;">1</p>	<p style="text-align: center;">K</p>
	<p style="text-align: center;"><b>Carried Forward to Summary of Section No. 3</b></p> <p>Section No. 3  Bill No. 1  REINFORCED CONCRETE SUPERSTRUCTURE  QS-Pro Consults</p>		<p style="text-align: center;">K</p>	

PROPOSED REFURBISHMENT OF ZANACO MPIKA BRANCH  
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Item no			Qty	Rate	Amount
	<b><u>WALLING AND PARTITIONING</u></b> <b><u>SAMPLES</u></b> <b><u>PREAMBLES</u></b> A <b><u>Allow for providing samples of all bricks and blocks as described including testing in approved Laboratory to engineers satisfaction</u></b> <b><u>BLOCK WORK</u></b> <i><u>Hollow concrete block walling (of Minimum crushing strength of 3.5N/sq mm) to B.S.2028 in cement mortar (1:4)</u></i> B Walling, thickness . 200 mm m2 45 <b><u>WALLING ACCESSORIES</u></b> <i><u>One layer of three ply bituminous felt sheeting as damp proof course as described well lapped at joint sand junctions (measured net)</u></i> C On 200 mm Walls. m 25 <i><u>26 Gauge mild steel "Brickforce" reinforcement laid horizontally in mortar joint with 100mm end laps</u></i> D To walling, width size 200 mm m 75 <b><u>ALUMINIUM WALL PARTITIONING</u></b> <i><u>Supply and Install 75mm thick Matte Black anodised aluminium frame partitions with sections 1.5mm profile gauge with 6.38mm laminated clear glass and all with door closers and stainless steel complete with all required accessories to architects approval</u></i> E Matte Black anodised aluminium frame partitions with sections 1.5mm profile gauge with 6.38mm laminated clear glass and all with door closers and stainless steel complete with all required accessories to architects approval m2 30				
	<b>Carried Forward</b>				K
	Section No. 3 Bill No. 2 WALLING AND PARTITIONING QS-Pro Consults				



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PROPOSED REFURBUSHMENT OF ZANACO MPIKA BRANCH  
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Item no			Qty	Rate	Amount
	<b><u>EXTERNAL FINISHINGS</u></b>				
	<b><u>PREAMBLE NOTES</u></b>				
A	The Contractor shall allow for provisional of all finishes samples for approval by the Architect and Project Manager. The approved sample shall be kept in the site office to be displayed through the project duration		Item		
B	All floor finishes, tiling to be provided with approved spacers, tile timmers, grouting colors to be laid in approved colours		Item		
	<b><u>WALL FINISHES</u></b>				
	<i><u>Render; cement and sand (1:4); wood floated;externally to</u></i>				
C	Blockwork and concrete surfaces . 20 mm	m2	1,550		
D	Small widths and reveals . 100 to 200 mm girth	m	100		
	<b>Carried Forward to Summary of Section No. 3</b>			K	
	Section No. 3 Bill No. 3 EXTERNAL FINISHES QS-Pro Consults				

PROPOSED REFURBUSHMENT OF ZANACO MPIKA BRANCH  
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Item no		Qty	Rate	Amount
	<b><u>INTERNAL FINISHINGS</u></b>			
	<b><u>PREAMBLE NOTES</u></b>			
A	The Contractor shall allow for provisional of all finishes samples for approval by the Architect and Project Manager. The approved sample shall be kept in the site office to be displayed through the project duration	Item		
B	All floor finishes, tiling to be provided with approved spacers, tile timmers, grouting colors to be laid in approved colours	Item		
C	The contractor shall allow for tile transition and expansion strips in line with the various finishes outlined in the drawings	Item		
	<b><u>CEILING FINISHES</u></b>			
	<u>Suspended Ceiling; in aluminium grid with main and cross Tees including fixing with 2.5mm diameter wire and stainless steel hangers to support to architects approved samples</u>			
D	9.5mm thick BPB Gyprex Fissured factory painted white Gypsum ceiling tiles, laid on and including donn SQ/T38 white pre-painted main Tees, cross Tees holding down clips, wedges etc. all suspended with galvanised hangers from roof system. hanger centres n.e 1200mm, size 600 x 600 mm	m2	400	
	<u>Bulkhead ceilings measured complete with galvanised steel hangers, wires and ties as support framework</u>			
E	9mm flush plastered gypsum ceiling to horizontal bulkhead members including suspending on concealed galvanized steel brandering at centres as required complete with all suspension systems and nailing gypsum ceiling panel with 25mm dry wall screws spaced at 150mm centres,at 2450mm A.F.F.L	m2	42	
	<b>Carried Forward</b>		K	
	Section No. 3 Bill No. 4 INTERNAL FINISHES QS-Pro Consults			

**PROPOSED REFURBUSHMENT OF ZANACO MPIKA BRANCH**  
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<b>Brought Forward</b>				K	
A	9mm flush plastered gypsum ceiling to vertical bulkhead members including suspending on concealed galvanized steel banding at centres as required complete with all suspension systems and nailing gypsum ceiling panel with 25mm dry wall screws spaced at 150mm centres, at 2100mm A.F.F.L	m2	30		
<b><u>FLOOR FINISHES</u></b>					
<i><u>Cement and sand (1:4) paving, steel trowelled smooth</u></i>					
B	Paving steel trowelled to floor slabs to match floor finish, thickness 40 mm	m2	370		
<i><u>Supply and install Porcelain Tiles in Client approved colours and pattern C60812 supplied by: Make a Home.</u></i>					
C	600 x 600 x 10mm High Grade MATTE WHITE porcelain tiles other equal and approved tiles fixed with approved adhesive and pointed in lighter grout to joints	m2	130		
<i><u>Supply and install Rubber mat as ' HEAVY DUTY ZANACO BRANDED RUBBER MAT' to be supplied by William Scott or equal and approved to Architect's approval.</u></i>					
D	Supply and fix heavy duty as 'ZANACO BRANDED RUBBER MAT' to Architect's approval, overall size 1.8m x 1.2m	No	3		
<i><u>Supply and install Carpet tiling including fixing with approved adhesive and accessories as Berber Point 920 Carpet tiles code; Mpande brown supplied by Belgotex or other equal and approved</u></i>					
E	500 x 500 Rubberised Heavy Commercial Induna Carpet tile- Mpande ( Brown Coloured) Tile on screeded floor with approved fixed with approved adhesive	m2	87		
<b>Carried Forward</b>				K	
Section No. 3 Bill No. 4 INTERNAL FINISHES QS-Pro Consults					

PROPOSED REFURBISHMENT OF ZANACO MPIKA BRANCH  
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Brought Forward				K	
	<u>Supply and install Wood finish Porcelain Floor tiles as Grade A-150 x 600 including fixing with approved adhesive and accessories, Code 025-50161506 supplier Make a home</u>				
A	150 x 600mm Ambrosia (2) Baobab Brown type wood finished	m2	35		
	<u>Supply and install Non -slip porcelain tiling including fixing with approved adhesive and accessories, code IMI230A as supplied by Handmans</u>				
B	600 x 600mm Non-slip Porcelain tiles SILVER GREY	m2	120		
	<u>Raised flooring complete with all accessories and finishes to architects details</u>				
C	Anti-static Rubber Tiles	m2	50		
	<u>Supply and install Anti-static Rubber fixed to cement/sand floor screed finish</u>				
D	Supply and fix 100mm site cut concore or steel floor panel complete with 3/4-10 UNC galvanised adjusting jan nut and stub, locking stay and 7/8" square galvanised steel tube, complete with 4x4 galvanised steel base and top plate, pedestal assemblies with swivled head finished with conductive rubber tiles class-0 qualified floor with stringes and deep draw access floor panels all as detailed on the relevant architectural drawings	m2	30		
<b><u>WALL AND SURFACE FINISHES</u></b>					
	<u>Render; cement and sand (1:4); steel trowelled smooth;internally</u>				
E	13 mm thick coat to blockwork, beams and columns	m2	450		
F	Small widths and reveals . 100 to 200 mm girth	m	80		
Carried Forward				K	
Section No. 3 Bill No. 4 INTERNAL FINISHES QS-Pro Consults					

PROPOSED REFURBUSHMENT OF ZANACO MPIKA BRANCH  
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Brought Forward				K	
	<p><u>Supply and install Grey Non-slip Ceramic wall tiles as supplied by Handymans with approved adhesive, corner beads and pointed in lighter grout to joints to clients approved colour range and to the satisfaction of the Architect</u></p>				
A	300 x 300mm x 8mm Grey -Non Slip Ceramic wall tiles fixed to walls with approved tile adhesive, grouting and pointing to architects approval	m2	140		
	<p><u>Supply and fix the following in tile Skirtings to match floor finish</u></p>				
B	Supply and fix skirtings to match floor finish including fixing to walls and floor and with approved adhesive, size . 100 x 25 mm	m	180		
Carried Forward to Summary of Section No. 3				K	
Section No. 3					
Bill No. 4					
INTERNAL FINISHES					
QS-Pro Consults					

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Item no			Qty	Rate	Amount
	<b><u>PAINTING AND BRANDING INSTALLATIONS</u></b>				
A	The contractor shall allow for testing and provision of manufacturers warranty and certification. Quality assurance shall be issued prior to commencement of works. Failure to attain specifications and per manufacturers details shall render the contractor to carry out re-works without claim for additional costs.		Item		
B	The contractor shall ensure that the finishing final coat on all paint works to be done a month before hand over to the Bank		Item		
C	The painting contractor shall ensure that all walls are sufficiently prepared before any paint works		Item		
	<b><u>WALL CLADDINGS AND SPECIALISED FINISHES</u></b>				
	<i>Supply and fix the following in stone cladding complete with bonding to walling/sufaces to engineers specifications</i>				
D	ZANACO approved stone cladding to Architects approval including fixing to manufacturers details to architects approval and satisfaction as WF1	m2	60		
	<b><u>EXTERNAL FINISHES PAINTING</u></b>				
	<i>Prepare and apply three coats Exterior Weather Guard Paint as " Plascon" or " Dulux" in ZANACO Lion's Den to plastered walls</i>				
E	Blockwork	m2	1,550		
F	Small widths and reveals, 100 to 200 mm girth	m	100		
	<b><u>INTERNAL FINISHES PAINTING</u></b>				
	<i>Prepare and apply three coats WHITE LUXURIOUS Silk Paint to match " Plascon" Wall &amp; all product Range to Architects Approval</i>				
G	Plastered walls and columns	m2	360		
	<b>Carried Forward</b>			K	
	Section No. 3 Bill No. 5 PAINTING AND BRANDING INSTALLATIONS QS-Pro Consults				

**PROPOSED REFURBISHMENT OF ZANACO MPIKA BRANCH**  
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Brought Forward			K
A	Plastered Small widths and reveals . 100 to 200 mm girth  <i><u>Prepare and apply three coats GREY APPROVED LUXURIOUS Silk Paint to match " Plascon" Wall &amp; all product Range to Architects Approval</u></i>	m	48
B	Paint to plastered walls and columns	m2	336
C	Paint to Plastered small widths and reveals. 100 to 200mm girth  <i><u>Prepare and apply three coats LAMSAAT TEXTURED PAINT as "MONOCOUCHE M19 " with MINERAL YELLOW ACLYRIC cover paint by " Plascon" as '10Y40/608'</u></i>	m	10
D	Paint to plastered walls and colummns	m2	45
E	Paint to Plastered small widths and reveals. 100 to 200mm girth  <i><u>Prepare and apply three coats LAMSAAT TEXTURED PAINT as "PEBBLE BLACK " Exterior Weather Guard Cover Paint as 'S-334" Colour Code Pantone P179-14c</u></i>	m	10
F	Paint to plastered walls and colummns	m2	10
G	Paint to Plastered small widths and reveals. 100 to 200mm girth  <b><u>PAINTING TO DOORS</u></b>  <i><u>Prepare, touch up primer, one universal undercoat, and two coats 'Plascon' non - drip low gloss enamel finish to all door frames</u></i>	m	5
H	Surfaces . 100 - 200 mm girth  <i><u>Preparing, knot, stop, prime with pink wood primer, stop and paint, one universal undercoat, two coats ' PLASCON' non - drip low - gloss enamel finish at flush doors</u></i>	m	34
J	General Surfaces of woodwork	m2	38
Carried Forward			K
Section No. 3 Bill No. 5 PAINTING AND BRANDING INSTALLATIONS QS-Pro Consults			



PROPOSED REFURBISHMENT OF ZANACO MPIKA BRANCH  
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	Brought Forward		K
A	<u>Preparing, knot, stop and vanish, one universal undercoat, two coats ' PLASCON' non - drip low - gloss enamel finish at hardwood doors</u> Hardwood tile skirting in approved design including fixing to walls to Project Managers approval, 100mm high	m	156
<b>Carried Forward to Summary of Section No. 3</b>			K
Section No. 3 Bill No. 5 PAINTING AND BRANDING INSTALLATIONS QS-Pro Consults			

PROPOSED REFURBUSHMENT OF ZANACO MPIKA BRANCH  
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Item no		Qty	Rate	Amount
	<b><u>DOORS AND SHOPFRONTS</u></b>			
	<b><u>PREAMBLES AND NOTES</u></b>			
A	The following items and descriptions shall be read in conjunction with the Arhitectural Drawings and Spefications which shall form part of the tender documents	Item		
B	All sizes and specifications of items in this section should be confirmed and approved by the project architect prior to purchase	Item		
	<b><u>ALUMINIUM SHOPFRONTS AND DOORS</u></b>			
C	<b><u>All works under this section are to be executed by an approved specialist</u></b>	Item		
D	All doors under this section are measured complete with glazing and other associated fixtures  <i><u>Supply and fix 6.3mm thick glazing in purpose made Natural Anodised aluminium framed (Matt black in colour)shopfront with top hang opening out sections and fixed sections as indicated on drawing complete with clear safety glazing to comply with NBR ,lockset, fitting to walls with specialised bolts, including associated accessories all as per architectural details and specialist specifications.</u></i>	Item		
E	Natural Anodised Aluminium Shop front with folding panels as complete with 6.3mm thick laminated clear glass with silicon sealed joints ,complete and locking devices, associated fixtures and fitments to make it workable to the satisfaction of the Architect, overall size including doors and dwarf walls as Panel 1	m2	10	
	<b>Carried Forward</b>		K	
	Section No. 3 Bill No. 6 DOORS AND SHOPFRONTS QS-Pro Consults			

**PROPOSED REFURBISHMENT OF ZANACO MPIKA BRANCH**  
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	<p style="text-align: center;"><b>Brought Forward</b></p> <p><u>Supply and fix 6.3mm thick purpose made powder coated aluminium framed (Approved colour)shopfront with top hang opening out sections and fixed sections as indicated on drawing complete with clear safety glazing to comply with NBR ,lockset, fitting to walls with specialised bolts, including associated accessories all as per architectural details and specialist specifications,</u></p> <p>A Anodized Aluminium Frame with 6mm Laminated glass with silicon sealed joints,all doors complete with cranked -T Type Push -Pull handles, stainless steel door stoppers, 4 No. Stainless steel hinges and approved quality QS 690V Type High traffic door closers, including all associated fixtures and fitments to make it workable to the satisfaction of the Architect, overall size including doors and fixed frames 2329 X 2200 mm as Panel 3</p> <p style="text-align: right;">m2</p> <p><b><u>SPECIALISED DOORS</u></b></p> <p>B All doors are measured complete with associated glazing, locking devices and all other associated fittings and fitments required for their complete functionality</p> <p><u>The following in high level security doors complete with frames, locks, barrel bolts, closers and other accessories including fixing to manufacturers details</u></p> <p>C ATM Door to be CAT. 2 Chubb Door with grill, supplied by Zambia Safes &amp; Equipment Limited complete with frame and ironmongery to manufacturer's specification, including Heavy Duty Steel wall mounted door stops complete all other accessories fixtures and fitments Overall size 1000 x 2000mm</p> <p style="text-align: right;">No</p> <p>D C.I.T Entrance as CAT.1 Security Type Double door to be supplied by Zambian Safes &amp; Equipment Overall size 1200 x 2000mm as D5</p> <p style="text-align: right;">No</p> <p style="text-align: center;"><b>Carried Forward</b></p> <p>Section No. 3  Bill No. 6  DOORS AND SHOPFRONTS  QS-Pro Consults</p>	<p style="text-align: center;">5</p> <p style="text-align: center;">Item</p> <p style="text-align: center;">1</p> <p style="text-align: center;">1</p>	<p style="text-align: center;">K</p> <p style="text-align: center;">K</p>	
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**PROPOSED REFURBUSHMENT OF ZANACO MPIKA BRANCH**  
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	<b>Brought Forward</b>			K	
	<u>The following Glazed panel door upplied complete with all closers, locks and accessories as per architects schedule</u>				
A	Glazed Panel door with Cranked T Type Push/ Pull Handles to Architect's approval supplied complete with all aluminium door retainers and other accessories as per architects door schedule or equal and approved to the approval of the Architect, size 800 x 2200mm as D2	No	6		
	<b><u>HARDWOOD AND FLUSH DOORS</u></b>				
	<u>Supply and fix the following Hardwood doors to BS 459 as supplied by Mukatasha ot other equal and approved.</u>				
B	Cherry wood Veenered Hardwood door with QS 4434 Type coat Hanger complete with YALE industrial Lockset and HAFELE Mortice to Architects Approval. Overall size 800 x 2000mm as D3	No	4		
C	Cherry wood Veenered Hardwood door with QS 4434 Type coat Hanger complete with YALE industrial Lockset and HAFELE Mortice to Architects Approval. Overall size 700 x 2000mm as D4	No	6		
	<b><u>IRON MONGERY AND ACCESSORIES</u></b>				
	<u>Supply and fix ironmongery with matching screws as 'union' or other equal and approved</u>				
D	Three lever mortice lock as "HAFELE " or other equal and approved Lever handle furniture	No	10		
E	QS 690v Type High Traffic door closer to architects approval	No	17		
F	Stainless steel or Rubber floor mounted type door stops screwed to floor or wall to Architects Approval	No	17		
G	Supply and install Indicator bolts as per architectural drawings;	No	4		
H	Supply and install aluminium push handle complete with aluminium push plate and associated three lever lock including all accessories to architects approval	No	10		
	<b>Carried Forward</b>			K	
	Section No. 3 Bill No. 6 DOORS AND SHOPFRONTS QS-Pro Consults				

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PROPOSED REFURBUSHMENT OF ZANACO MPIKA BRANCH  
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Item no		Qty	Rate	Amount
	<b><u>WINDOWS</u></b>			
	<b><u>PREAMBLES AND NOTES</u></b>			
A	All windows are measured complete with associated glazing, locking devices and all associated fittings and fitments. No extra claim will be entertained for non compliance of this item.	Item		
B	All sizes and specifications of items in this section should be confirmed and approved by the project architect prior to purchase	Item		
	<u>Supply and fix the following aluminium windows</u>			
C	Anodized Aluminium 3 No. glazed staggered windows each measuring 2000 x 400mm including 6mm thick laminated clear glass including all associated beading to main fixed panel and locking devices as aluminium city handles and locks to make it workable and fixing in position all as shown on appropriate Architectural Drawing to the satisfaction and approval of the Architect, overall size 2000 x 2000mm as W2	No	1	
D	Anodized Aluminium 3 No. glazed staggered windows each measuring 1580 x 400mm including 6mm thick laminated clear glass including all associated beading to main fixed panel and locking devices as aluminium city handles and locks to make it workable and fixing in position all as shown on appropriate Architectural Drawing to the satisfaction and approval of the Architect, overall size 2000 x 2000mm as W3	No	1	
	<b>Carried Forward to Summary of Section No. 3</b>		K	
	Section No. 3 Bill No. 7 WINDOWS QS-Pro Consults			

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Bill No	SECTION SUMMARY - BUILDERS WORKS	Page No		Amount
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2	WALLING AND PARTITIONING	8		
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4	INTERNAL FINISHES	13		
5	PAINTING AND BRANDING INSTALLATIONS	16		
6	DOORS AND SHOPFRONTS	20		
7	WINDOWS	21		
	<p style="text-align: right;"><b>Carried to Final Summary</b></p>			
	<p>Section No. 3 QS-Pro Consults</p>		K	

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Item no		Qty	Rate	Amount
	<b><u>ELECTRICAL, TELEPHONE AND DATA INSTALLATIONS</u></b>			
	<b><u>NOTES ON ELECTRICAL INSTALLATIONS</u></b>			
A	The following items and descriptions shall be read in conjunction with the Electrical Engineers Drawings which shall form part of the tender documents	Item		
B	CAS and IEE wiring rules shall be followed for all Electrical installations	Item		
C	All materials and workmanship to be tested and approved by the Engineers in compliance with the regulations before execution on site. All queries and discrepancies to be referred to the Engineer	Item		
D	MCB's/MCCB's to be 'MERLIN GERIN' or 'CBI' 'HYMAG' make with applicable short circuit current rating.	Item		
	<i>Main Distribution Board (MDB)</i>			
E	Allow a provisional sum of Forty- Thousand Kwacha for the installation and setting to work a Distribution Board including all necessary breakers to make it workable	No	1	
	<b><u>THE FOLLOWING LIGHT AND POWER INSTALLATIONS AND FITTINGS FROM DISTRIBUTION BOARDS</u></b>			
	<b><u>LIGHTING INSTALLATIONS AND FITTINGS</u></b>			
	<i>Supply, deliver, install, connect and set to work cabling for lights and switches, including cabling, cable glands, switch and socket outlet boxes and all accessories as specified on the relevant drawings</i>			
F	Light and associated switch points in 2 x 1.5 square millimetres PVC/CU+1.5 square millimetres ECC in conduits for light fittings	No	91	
G	Light and associated switch points in 2 x 1.5 square millimetres PVC + E cables in conduits for Photocell	No	1	
	<b>Carried Forward</b>		K	
	Section No. 4 Bill No. 1 ELECTRICAL, TELEPHONE AND DATA INSTALLATIONS QS-Pro Consults			



PROPOSED REFURBUSHMENT OF ZANACO MPIKA BRANCH  
MPIKA- ZAMBIA

<b>Brought Forward</b>				K	
<i>Supply, deliver, install, connect and set to work the following power fittings as specified or others of similar standard and performance specification approved by the Electrical Engineer</i>					
A	600 x 600mm, 42W recessed LED panel light c/w philips driver - IP41 and all required accessories as "GENLUX LIGHTING" GME -PL606042SL-F or other equal and approved	No	43		
B	2XPL26W Recessed down lightfitting C/w Deco Glass	No	36		
C	External Industrial Spotlight to Architect's Approval	No	10		
D	Wall mounted 2x36W 1200mm Long Batten Fluorescent Light Fitting C/W Ballast, capacitor & Starter	No	2		
E	L.E.D Light (Red) Bead	m	85		
<i>Supply, deliver, install, connect and set to work the following power fittings as specified or others of similar standard and performance specification approved by the Electrical Engineer</i>					
F	Photocell as 'LEGRAND'	No	1		
G	10A One gang two way light switch as "LEGRAND BELANKO" 6 170 01 WHITE	No	18		
H	10A Two gang Two way Plate switch as "LEGRAND SYNERGY" 7 300 01, WHITE	No	4		
J	10A Three gang Three way Plate switch as "LEGRAND SYNERGY" 7 301 24, WHITE	No	1		
<b><u>POWER INSTALLATIONS AND FITTINGS</u></b>					
<b>Carried Forward</b>				K	
Section No. 4 Bill No. 1 ELECTRICAL, TELEPHONE AND DATA INSTALLATIONS QS-Pro Consults					

**PROPOSED REFURBISHMENT OF ZANACO MPIKA BRANCH**  
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<b>Brought Forward</b>			K	
<u>Supply, deliver, install, connect and set to work cabling for lights and switches, including cabling, cable glands, switch and socket outlet boxes and all accessories as specified on the relevant drawings</u>				
A	Power points in 2 x 2.5mm square millimetres PVC + E cables in conduits for socket outlet	No	62	
B	Power points in 2 x 2.5mm square millimetres PVC + E cables in conduits for Hand dryer.	No	2	
C	Power points in 2 x 2.5mm square millimetres PVC + E cables in conduits for socket outlet for weather proof isolator points for AC external unit	No	6	
D	Power points in 2 x 4mm square millimetres PVC + E cables in conduits for socket outlet for weather proof isolator points for AC external unit	No	5	
E	Power points in 2 x 4mm square millimetres PVC + E cables in conduits for socket outlet for Cooker control	No	1	
<u>Supply, deliver, install, connect and set to work the following power fittings as specified on the relevant drawings</u>				
F	45A double pole cooker control unit as "MK" complete with flexible conduit mounted at 1450mm A.F.F.L	No	1	
G	13A Single switch socket outlet wall(Flush) Normal power mounted at high level for extract fan/fap as "LEGRAND BELANKO" 6170 41 WHITE	No	25	
H	13A Double switch socket outlet wall(Flush) Dedicated power red colour mounted as "LEGRAND BELANKO" 6170	No	27	
J	20A DP Switch as "LEGRAND SYNERGY"	No	6	
K	15A DP Switch as "LEGRAND SYNERGY"	No	5	
L	15A SP One gang switched socket outlet ah high level Flush Mounted as "LEGRAND SYNERGY" 7 338 70	No	8	
<b>Carried Forward</b>			K	
Section No. 4 Bill No. 1 ELECTRICAL, TELEPHONE AND DATA INSTALLATIONS QS-Pro Consults				

**PROPOSED REFURBUSHMENT OF ZANACO MPIKA BRANCH**  
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<b>Brought Forward</b>			K	
A	3 Compartment flush installed floor box in Floor Slab complete with 2No. 13A Double shuttered retractable sockets and flush fitted cover	No	10	
B	Hand dryer ( at 1400mmAFFL) as "XPELAIR" XHDI c/w isolator point (20A DP Switch) at 2200mm AFFL  <i>Trunking mounted fittings</i>	No	2	
C	3 compartment, 2 cover PVC DLP trunking 150mmx50mm depth as "LEGRAND" 104 27  <b><u>CABLE TRAYS AND ACCESSORIES</u></b>  <i>Supply, deliver, install, connect and set to work the following cable tray and conduits and all accessories as specified on the relevant drawings</i>	m	40	
D	152x38mm height medium duty perforated cable tray c/w mounting bracket & accessories for electrical cables as 'CABSTRUT'  <b><u>TELEPHONE AND DATA INSTALLATIONS</u></b>  <i>Supply, deliver, install, connect and set to work cabling telephone outlet and all accessories as specified on the relevant drawings</i>	m	100	
E	Telephone point suitable for RJ45 CAT-6 cable as "LEGRAND"	No	17	
F	Computer data socket point trunking as "LEGRAND" RJ 45 CAT-6  <i>Supply, deliver, install, connect and set to work telephone and data outlet and all accessories as specified on the relevant drawings</i>	No	26	
G	HUB Panel	No	2	
H	Telephone Fitting suitable for RJ45 CAT-6 cable as "LEGRAND"	No	17	
<b>Carried Forward</b>			K	
Section No. 4 Bill No. 1 ELECTRICAL, TELEPHONE AND DATA INSTALLATIONS QS-Pro Consults				

**PROPOSED REFURBISHMENT OF ZANACO MPIKA BRANCH**  
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<b>Brought Forward</b>				K	
A	Data Fitting suitable for RJ45 CAT-6 cable as "LEGRAND"	No	24		
B	Telephone/data draw in box (300x300x100mm GI)	No	41		
<b><u>FIRE ALARM INSTALLATIONS</u></b>					
<i><u>Supply, deliver, install, connect and set to work conduits for fire alarm system fittings including cabling, cable glands, junction boxes, draw wires, switch and socket outlet boxes and all accessories as specified on the relevant drawings</u></i>					
C	Fire alarm auxiliary panel 2-Zone cable in conduits	No	1		
D	Manual fire alarm break glass points in class 3 cable in conduits	No	1		
E	Fire alarm bell points in class 3 cable in conduits	No	2		
F	Smoke detector point class in class 3 cable in conduit.	No	19		
G	Heat detector point class in class 3 cable in conduit.	No	2		
H	Beacon	No	3		
J	Fire retardent cable in 25mm diameter PVC conduit in ceiling as REPUTED	m	150		
<i><u>Supply, deliver, install, connect and set to work the following Fire fighting fittings as specified or others of similar standard and performance specification approved by the Electrical Engineer</u></i>					
K	Fire alarm auxiliary panel as 'JSB FIRE SYSTEMS' FX2202	No	1		
L	Manual Fire alarm break glass unit (intelligent addressable) as 'JSB FIRE SYSTEMS' FXN501	No	1		
M	Fire alarm break glass unit as 'JSB FIRE SYSTEMS' FX201	No	2		
N	Smoke detector as JSB FIRE SYSTEMS FXN533	No	19		
<b>Carried Forward</b>				K	
Section No. 4 Bill No. 1 ELECTRICAL, TELEPHONE AND DATA INSTALLATIONS QS-Pro Consults					

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PROPOSED REFURBISHMENT OF ZANACO MPIKA BRANCH  
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Item no		Qty	Rate	Amount	
	<b><u>DRIVEWAYS AND PARKING</u></b>				
	<b><u>PREAMBLES AND NOTES</u></b>				
A	The contractor shall allow for carrying out compaction and other necessary tests for layer works as required	Item			
B	The contractor shall allow for testing all concrete as per engineers specification	Item			
	<b><u>DRIVEWAYS AND PARKING</u></b>				
	<b><u>Earthworks and Layer Works</u></b>				
	<i><u>Scarify surface</u></i>				
C	Prepare the surface to receive layer works by Scarifying/chiping or any method specified by the Engineer, roll and compact to falls and cambers, well watered to a density of 93% modified A.A.S.H.O	m2	200		
	<i><u>Sub base material</u></i>				
D	Imported laterite filling to make up levels, (CBR 60) well compacted and watered to 95% A.A.S.H.T.O in layers, thickness . 150mm	m2	200		
	<i><u>Crusher run Base material</u></i>				
E	Imported Crusher run filling to make up levels, well compacted with 4% cement stabilisation to 98% A.A.S.H.T.O in layers, thickness 150mm	m2	200		
	<b><u>DRIVEWAY FINISHES</u></b>				
	<i><u>Paving Bricks</u></i>				
F	85mm Heavy Duty Paving bricks on compacted base laid to falls, with butt joints and with a dry cement/sand mixture well rubbed into all joints, wet gently with sprinkler and all excess sand swept off, all to Engineer's detail.	m2	200		
	<b>Carried to Final Summary</b>			K	
	Section No. 5 Bill No. 1 ROADS, PARKING AND WALKWAYS QS-Pro Consults				

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Section No	FINAL SUMMARY	Page No	Amount
1	PRELIMINARIES AND GENERAL ITEMS	1	
2	DEMOLITIONS/REMOVALS	4	
3	BUILDERS WORKS	22	
4	ELECTRICAL INSTALLATIONS	28	
5	EXTERNAL WORKS	29	
	SUB-TOTAL		K
	<b><u>CONTINGENCY</u></b>		
	Provide for Contingencies a Provisional Sum of Zambian Kwacha Equivalent to 10% of the measured works	10.00%	K
	<b><u>SUB-TOTAL</u></b>		K
6	PRIME COST AND PROVISIONAL SUMS	30	
	<b><u>SUB-TOTAL</u></b>		K
	<u>VALUE ADDED TAX</u>	16.00%	K
	<b>GRAND TOTAL</b>		K
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**FORM OF TENDER**

Project Name: \_\_\_\_\_

Developer/Client Name: \_\_\_\_\_

Dear Sir/Madam,

I/We hereby tender and offer to execute and perform the several works and provisions and supply all labour and materials and everything of every kind respectively named, shown, described and alluded to in or to be inferred from the Conditions of Contract, Specification, Bills of Quantities and Drawings to be executed and supplied on the part of the Contract for the Works above described in conformity with the said Specification, Bills of Quantities and Drawings and subjects to the Conditions of Contract for the sum of

(State  
Currency):.....  
.....

(In  
words).....  
.....

.....  
.....  
I/We agree to be bound by and submit to the said Bills of Quantities, Specification, Drawings and Conditions of Contract.

Exchange Rate at Date of Tender USD \$1 to Zambian Kwacha .....

Ruling Midrate at Bank of Zambia

**CONTRACT PERIOD**

I/We hereby undertake to complete and deliver the whole of the aforesaid works within the period from the date of possession of site (state in words)

.....Working weeks

We further understand that we are bound to complete the works within the clients' planned period

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PROPOSED REFURBISHMENT OF ZANACO MPIKA BRANCH  
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(whereas this is stated) and/or the main contractor's schedule of execution (Applicable to Subcontractors).

ADVANCE PAYMENT

In the event of this tender being accepted, I/We shall require an advance payment of ..... for which we shall provide the requisite Guarantees to clients requirements.

FORM OF TENDER

SURETY

In the event of this tender being accepted, we shall provide at our own expense as provided for in the Bills of Quantities for Preliminary and General Items one Surety who will be bound to the Employer in the amount of Ten percent (10%) of the contract sum for the due performance of the Contract until the certified date of practical completion (unless not required by the client). We propose the following:

SURETY

Name and .....

Address .....

.

.....

CONDITIONS

We accept that the Employer will not consider any tender which imposes any condition not contained in the Tender Documents to which agreement has not been obtained in writing from the Architect prior to date for delivery of tenders.

We undertake, if my/our tender is accepted, to enter into a formal agreement to carry out the whole of the works in accordance with the Conditions of Contract and Contract Documents.

We accept that, until a formal agreement is prepared and executed, this tender together with written acceptance thereof shall not constitute a binding contract between the Employer and us unless consideration occurs.

We accept that if I/We fail to complete the works within the period stated above or within any authorized extension thereof, the contract sum shall be reduced by way of Liquidated and Ascertained Damages calculated at the rate given under an appropriate section of the Contract.

We accept that this tender shall be valid for \_\_\_\_\_ from the closing date for submission of tenders.

I/We accept that I/We shall not be entitled to submit any claim for loss of profit if any of the Provisional Sums included in the Bills of Quantities or in the Schedule to this form of Tender should be omitted in whole or in part from this Contract. We further accept that the client retains the right to amend the

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scope of works whereas we do not meet the requisite skills as set out particularly on specialist works

I/We accept that payment for Preliminary and General Items shall normally be made on a pro-rata basis. This basis shall be EITHER on the proportionate value of the work executed at the date the payment certificate is prepared of the overall contract amount OR on the proportionate part of the contract period which has elapsed.

I/We accept that I/We shall provide samples of all materials inclusive of all concrete bricks, concrete blocks, sand, aggregate and any of such other basic constructional materials as may be required by the Consultant immediately after the contract is signed and obtain approval thereof before bringing such materials to site and before work incorporating them is commenced.

I/We accept that neither the lowest nor any, nor any part of any tender may necessarily be accepted and that this tender is submitted at my/our own expense.

**FORM OF TENDER**

I/We authorise (Full Name) .....

Address .....

.....

to sign the Articles of Agreement of Building Contract on behalf of my/our Firm.

Signature of Tenderer .....

Capacity .....

Name and Address (Capitals) .....

.....

.....

Signature of Witness .....

Name and Address .....

.....

.....

Date .....

**FORM OF TENDER**

QS-Pro Consults