



BOMET UNIVERSITY COLLEGE

(A Constituent College of Moi University)

SPECIFICATIONS

AND

BILLS OF QUANTITIES

FOR

**PROPOSED MODIFICATION OF SITE HOUSES TO
TRAINING , EXTENSION & DEMONSTRATION ROOMS**

AUGUST , 2022

Prepared by:

Employer

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MODIFICATION OF SITE HOUSES TO TRAINING, EXTENSION & DEMONSTRATION ROOMS

Bill 1

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	<p style="text-align: center;">NOTES</p> <p>1 The Contractor is advised that he MUST visit the site and ascertain the condition of the Site before quoting for this item. No claim shall be entertained for description of work appearing hereunder.</p> <p>2 ALL RATES are All Labour , Materials and Profits and overheads Inclusive Rates .</p> <p>3 The RATES shall be Inclusive of Applicable VAT and Duties.</p> <p>4 Contractors to Provide Samples for Approvals before installing on site</p> <p>5 Costs of Preliminary Items Shall be deemed to be covered in the Contractors rates</p>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	K10 CEILINGS				
	12mm softboard nailed to the 75 x 50mm timber brandering (m.s)				
	Ceilings and eaves ;				
a	Over 300 wide;	92	m2		
b	100x25mm thick cornice;	98	m		
c	50 x50mm ;Nailed Celcured first grade cypress brandering;	230	m		
d	75x50mm Ditto;	230	m		
	M60 PAINTING/CLEAR FINISHING INTERNALLY				
	Prepare by skimming soft board surface; apply one undercoat; two coats vinyl emulsion paint to Crown paints or equal and approved;				
	Horizontal soffits surfaces;				
e	Softboard ceilings;Over 300 mm wide;	92	m2		
f	Cornices; over 100 mm but not exceeding 200 mm girth;	98	m		
To Summary KSHS					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
a	<p>WINDOWS</p> <p>H75 CURTAIN RODS</p> <p>Curtain Rods to specification; 20mm diameter Brass double curtain rods with decorative ends and sliding rings and all necessary accessories. Firmly secured in position</p>	17	m		
b	<p>STEEL CASEMENT WINDOWS;</p> <p>EXISTING WINDOWS</p> <p>REINFORCE heavy duty steel casement windows; standard hollow or angle sections; frames mitred at corners including reinforcing cleats and approved patterned solid steel buglar bars and all necessary ironmongery; fixing with steel screws; plugging or fixing to concrete, blockwork or stone work; sealing with mastic; oiling and adjusting on completion; complete with glass 5 mm thick clear/ obscure glass sealing with mastic (m.s.); oiling and adjusting on completion; all in accordance with Architect's drawings;</p> <p>Window overall size 900mm wide x 900mm high .</p>	5	No		
c	<p>NEW WINDOWS</p> <p>Supply and Fix heavy duty steel casement windows; standard hollow or angle sections; frames mitred at corners including reinforcing cleats and approved patterned solid steel buglar bars and all necessary ironmongery; fixing with steel screws; plugging or fixing to concrete, blockwork or stone work; sealing with mastic; oiling and adjusting on completion; complete with glass 5 mm thick clear/ obscure glass sealing with mastic (m.s.); oiling and adjusting on completion; all in accordance with Architect's drawings;</p> <p>Window overall size 900mm wide x 900mm high .</p>	14	No		
d	<p>M60 PAINTING/CLEAR FINISHING</p> <p>Prepare and apply one undercoat and two finishing coats of gloss oil paint;to Crown Paints</p> <p>Generally Window surfaces;</p> <p>Over 300 mm wide; both sides measured;</p>	31	m2		
e	<p>L40 GENERAL GLAZING</p> <p>5 mm Thick clear float sheet glass and glazing to metal as described in :-</p> <p>To metalwork with putty;</p> <p>In panes not exceeding 0.10 - 0.50 square metres;</p>	15	m2		
To Summary KSHS					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
a	<p>L20 DOORS</p> <p>STEEL CASEMENT DOORS; EXISTING WINDOWS</p> <p>REINFORCE heavy duty; half-glazed steel casement doors; standard hollow or angle sections; plugging or fixing to concrete, blockwork or stonework; on and including 4 mm thick clear plate glass; on and including mild steel hollow section framing all round; complete with all necessary ironmongery; Door overall size 900 x 2100 mm high; to architects' drawings and schedule;</p>	2	No		
b	<p>NEW DOORS</p> <p>Supply and fix heavy duty; half-glazed steel casement doors; standard hollow or angle sections; plugging or fixing to concrete, blockwork or stonework; on and including 4 mm thick clear plate glass; on and including mild steel hollow section framing all round; complete with all necessary ironmongery; Door overall size 900 x 2100 mm high; to architects' drawings and schedule;</p>	5	No		
c	<p>M60 PAINTING/CLEAR FINISHING</p> <p>Prepare and apply one undercoat and two finishing coats of gloss oil paint; to Crown Paints</p> <p>Generally metal door surfaces; Over 300 mm wide; both sides measured;</p>	19	m2		
d	<p>L40 GENERAL GLAZING</p> <p>5 mm Thick clear float sheet glass and glazing to metal as described in :-</p> <p>To metalwork with putty; In panes not exceeding 0.10 - 0.50 square metres;</p>	2	m2		
To Summary KSHS					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
a	<p>DRY WALL FINISHES</p> <p>F21 MDF WALL PARTITIONS;</p> <p>Supply and fix 9mm thick beech laminated double sided MDF board to EXISTING 100X50 timber frame section to details ; all in accordance with referenced architect's drawings;</p> <p>Over 300 mm wide;</p>	141	m2		
b	<p>SHELVES</p> <p>Supply and fix MDF shelves nailed onto and including 100X50 approved Cypress frame section to details ; all in accordance with referenced architect's drawings;</p> <p>400mm wide x9mm thick beech laminated double sided MDF boards;</p>	120	m		
c	<p>100 x50mm ;Nailed Celcured first grade cypress;</p>	240	m		
d	<p>Allow for extension of Extension Room using matching Iron Sheets nailed on timber frames size 50x100mm;on the walls and roof;average height 2400mm; floor screed to match existing floor of adjacent structure; complete with strip foundation and 200mm thick natural foundation walls; room size 3600x3550. <u>Bidders MUST visit site to ascertain the nature of these works</u></p>	1	Sum		
e	<p>Allow for extension of Storage Room using matching Iron Sheets nailed on timber frames size 50x100mm;on the walls and roof;average height 2400mm; floor screed to match existing floor of adjacent structure; complete with strip foundation and 200mm thick natural foundation walls; room size 1800x4800. <u>Bidders MUST visit site to ascertain the nature of these works</u></p>	1	Sum		
f	<p>GAZZEBO CONSTRUCTION</p> <p>Allow for Construction of 2NO Gazzebo using Prepainted Iron Sheets nailed on timber frames size 50x100mm;walls comprising ofpainted timber planks height 1200 and 150mm diameter treated poles ;average height 2400mm; 35mm coloured cement sand floor screed on Concrete slab; room size 3000x3000. <u>Bidders MUST visit site to ascertain the nature of these works</u></p>	2	Sum		
To Summary KSHS					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	<p>SUMMARY</p> <p>CEILING FINISHES Page 2</p> <p>WINDOWS Page 3</p> <p>DOORS Page 4</p> <p>DRY WALL FINISHES Page5</p>				
Total for Bill 1 to Main Summary KSHS					

MODIFICATION OF SITE HOUSES TO TRAINING, EXTENSION & DEMONSTRATION ROOMS					Bill 2
ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	NOTES				
1	The Contractor is advised that he <u>MUST</u> visit the site and ascertain the condition of the Site before quoting for this item. <u>No claim shall</u> be entertained for description of work appearing hereunder.				
2	ALL RATES are All Labour , Materials and Profits and overheads Inclusive Rates .				
3	The RATES shall be Inclusive of Applicable VAT and Duties.				
4	Contractors to Provide Samples for Approvals before installing on site				
5	Costs of Preliminary Items Shall be deemed to be covered in the Contractors rates				

MODIFICATION OF SITE HOUSES TO TRAINING, EXTENSION & DEMONSTRATION ROOMS

Bill 2

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	K10 CEILINGS				
	12mm softboard nailed to the 75 x 50mm timber brandering (m.s)				
	Ceilings and eaves ;				
a	Over 300 wide;	51	m2		
b	100x25mm thick cornice;	41	m		
c	50 x50mm ;Nailed Celcured first grade cypress brandering;	128	m		
d	75x50mm Ditto;	128	m		
	M60 PAINTING/CLEAR FINISHING INTERNALLY				
	Prepare by skimming soft board surface; apply one undercoat; two coats vinyl emulsion paint to Crown paints or equal and approved;				
	Horizontal soffits surfaces;				
e	Softboard ceilings;Over 300 mm wide;	51	m2		
f	Cornices; over 100 mm but not exceeding 200 mm girth;	41	m		
To Summary KSHS					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
a	<p>WINDOWS H75 CURTAIN RODS</p> <p>Curtain Rods to specification; 20mm diameter Brass double curtain rods with decorative ends and sliding rings and all necessary accessories. Firmly secured in position</p>	10	m		
b	<p>STEEL CASEMENT WINDOWS; EXISTING WINDOWS</p> <p>REINFORCE heavy duty steel casement windows; standard hollow or angle sections; frames mitred at corners including reinforcing cleats and approved patterned solid steel buglar bars and all necessary ironmongery; fixing with steel screws; plugging or fixing to concrete, blockwork or stone work; sealing with mastic; oiling and adjusting on completion; complete with permanent ventilation and glass 5 mm thick clear/ obscure glass sealing with mastic (m.s.); oiling and adjusting on completion; all in accordance with Architect's drawings;</p> <p>Window overall size 1200mm wide x 1100mm high .</p>	5	No		
c	<p>NEW WINDOWS</p> <p>Supply and Fix heavy duty steel casement windows; standard hollow or angle sections; frames mitred at corners including reinforcing cleats and approved patterned solid steel buglar bars and all necessary ironmongery; fixing with steel screws; plugging or fixing to concrete, blockwork or stone work; sealing with mastic; oiling and adjusting on completion; complete with permanent ventilation and glass 5 mm thick clear/ obscure glass sealing with mastic (m.s.); oiling and adjusting on completion; all in accordance with Architect's drawings;</p> <p>Window overall size 1200mm wide x 1100mm high .</p>	3	No		
d	<p>M60 PAINTING/CLEAR FINISHING</p> <p>Prepare and apply one undercoat and two finishing coats of gloss oil paint;to Crown Paints</p> <p>Generally Window surfaces; Over 300 mm wide; both sides measured;</p>	21	m2		
e	<p>L40 GENERAL GLAZING</p> <p>5 mm Thick clear float sheet glass and glazing to metal as described in :-</p> <p>To metalwork with putty; In panes not exceeding 0.10 - 0.50 square metres;</p>	11	m2		
To Summary KSHS					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	L20 DOORS				
	STEEL CASEMENT DOORS; EXISTING WINDOWS				
	REINFORCE heavy duty; half-glazed steel casement doors; standard hollow or angle sections; plugging or fixing to concrete, blockwork or stonework; on and including 4 mm thick clear plate glass; on and including mild steel hollow section framing all round; complete with all necessary ironmongery;				
a	Door overall size 900 x 2100 mm high; to architects' drawings and schedule;	2	No		
	NEW DOORS				
	Supply and fix heavy duty; half-glazed steel casement doors; standard hollow or angle sections; plugging or fixing to concrete, blockwork or stonework; on and including 4 mm thick clear plate glass; on and including mild steel hollow section framing all round; complete with all necessary ironmongery;				
b	Door overall size 900 x 2100 mm high; to architects' drawings and schedule;	1	No		
	M60 PAINTING/CLEAR FINISHING				
	Prepare and apply one undercoat and two finishing coats of gloss oil paint; to Crown Paints				
	Generally metal door surfaces;				
c	Over 300 mm wide; both sides measured;	19	m2		
	L40 GENERAL GLAZING				
	5 mm Thick clear float sheet glass and glazing to metal as described in :-				
	To metalwork with putty;				
d	In panes not exceeding 0.10 - 0.50 square metres;	1	m2		
	FLUSH DOORS;				
	Supply and fix 45 mm Thick flush door: Solid core; hardwood veneer facing to both sides: hardwood lipped edges to BS 459;				
e	Single leaf, single swing; Door overall size 900 x 2100mm overall door;	2	No		
	PRIME GRADE STAINED; MAHOGANY				
	Door frames / transomes				
f	150 x 50 mm thick; rebated frame;	10	m		
g	50 x 25 mm splayed architrave;	10	m		
h	15 mm quadrant mould;	10	m		
	Prepare surfaces: apply three coats polyurethane clear lacquer or other equal approved: on timber surfaces: to Crown Paints				
	General surfaces				
i	Frames; over 100 mm but not exceeding 200 mm girth;	10	m		
j	Over 300 mm girth;	8	m2		
To Collection KSHS					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	<p>P21 IRONMONGERY NOTE: This section only caters for TIMBER DOORS ONLY. Therefore, bidders MUST factor in their costs all iron mongery and other accessories as described in their rates of all other doors. Supply and Fix the following as per Union Catalogue or other equal and approved; to soft wood, hardwood or the like; fixing with screws; Hinges; 100 mm brass, heavy duty 2 ball bearing hinges; Mortice Locks; Three lever mortice lock No. 2295 with one pair of lever handles with escutcheon No. 680-06-2</p>				
a		3.0	Pair		
b		2	No		
To Collection KSHS					
	<p>Collection Total from Page 4 Total from Page 5</p>				
To Summary KSHS					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
a	<p>DRY WALL FINISHES & WORKTOPS</p> <p>Supply and fix 9mm thick Cement board to <u>EXISTING 100X50</u> timber frame section to details ; all in accordance with referenced architect's drawings;</p> <p>Over 300 mm wide;</p>	59	m2		
b	<p>M60 PAINTING/CLEAR FINISHING INTERNALLY</p> <p>Prepare by skimming Cement board surface; apply one undercoat; two coats vinyl emulsion paint to Crown paints or equal and approved;</p> <p>Walls surfaces Generally;</p> <p>Cement board ;Over 300 mm wide;</p>	69	m2		
	<p>Vibrated Reinforced Concrete; Class 25(20mm agg); mix 1:1.5:3;</p> <p>To Worktops ;</p> <p>100mm thick Generally;</p>	24	m2		
c	<p>E20 FORMWORK FOR IN SITU CONCRETE</p> <p>SAWN FORMWORK</p> <p>Sides and soffits of Worktops;</p> <p>Over 300 mm wide;</p>	30	m2		
d	<p>E30 REINFORCEMENT FOR IN SITU CONCRETE</p> <p>Bars; Round; Ribbed; cold worked; b.s. 4449 - 2005, including bends, hooks tying wire, distance blocks and spacers all in position as necessary;</p> <p>Deformed Bars</p> <p>All Asorted Diameter bars</p>	190	kg		
e	<p>CEMENT AND SAND</p> <p>Backing Screed(1:3);</p> <p>15 mm thick backing; wood floated to receive Ceramic tiles; (m/s) to concrete or blockwork base generally;</p>	30	m2		
f	<p>Approved size ceramic tiles; butt joints straight both ways; to cement and sand base (m/s); Over 300 mm wide;</p>	24	m2		
g	<p>Supply and fix 9mm thick beech laminated double sided MDF board doors to <u>cabinets complete with</u> timber door frame section to details and iron mongery; all in accordance with referenced architect's drawings;</p> <p>Over 300 mm wide;</p>	18	m2		
To Summary KSHS					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	<p>SUMMARY</p> <p>CEILING FINISHES Page 2</p> <p>WINDOWS Page 3</p> <p>DOORS Page 5</p> <p>DRY WALL & WORKTOP FINISHES FINISHES Page6</p>				
					<p>Total for Bill 2 to Main Summary KSHS</p>

PART NO. 2

SPECIFICATIONS
AND
BILLS OF QUANTITIES
FOR

PROPOSED MODIFICATION OF SITE HOUSES TO TRAINING , EXTENSION & DEMONSTRATION
ROOMS
FOR
BOMET UNIVERSITY COLLEGE

MAIN SUMMARY

PART NO.	PART	PAGE NO.	KSHS.	CTS.
	<u>BILLS OF QUANTITIES FOR: -</u>			
1	Bill No 1			
2	Bill No 2			
	<u>Sub-Total</u>	Shs.		
	<u>Provisional Sums</u>			
3	Allow for Electrical Installation		200,000	00
4	Allow for Mechanical Installation(Gas Piping & Plumbing & Drainage)		200,000	00
5	Allow a Provisional Sum for Ancillary Services and Extension of Utilities		500,000	00
<u>TOTAL AMOUNT OF TENDER (V.A.T Inclusive)</u>		KSHS		

PART NO. 2

SPECIFICATIONS

AND

BILLS OF QUANTITIES

FOR

**PROPOSED MODIFICATION OF SITE HOUSES TO TRAINING , EXTENSION & DEMONSTRATION
ROOMS**

FOR

BOMET UNIVERSITY COLLEGE

MAIN SUMMARY (Ctd).

(TENDER)

Signature of Tenderer

Name of Tenderer

Address

.....

Date

Signature of Witness

Name of Witness

Address

.....

Date