# SCHEDULE OF MATERIALS - VESS

TEM	DESCRIPTION	QTY	UNIT	PRICE-TZS	AMOUNT
	MATERIALS				
Α	SUB-STRUCTURE -PROVISIONAL				
1	Strip Foundation- Grade 15 Plain				
•	Aggregate (3/4")	10	M <sup>3</sup>		
			M <sup>3</sup>		
	Sand Cement-50kgs -(42.5)	<u>5</u> 51			
	Cement-Sokgs -(42.5)	51	Bags		
2	Foundation Walls 241.61				
	6" Cement & Sand block -Minimum Strength 3.5 Mpa	693	No		
	Sand	2	M <sup>3</sup>		
	Cement -50kgs (42.5)	15	Bags		
	ALTENATIVE TO FOUNDATION WALL				
	** If stone is applicable, then blockwork is not applicable.				
	Therefore Engineer must confirm to the Tenderer which				
	item to be priced (Blockwork or Stone) depending on				
	availability and suitability of building materials.				
	Stone, complete with its cement and sand mortar (1:4)	12	M <sup>3</sup>		
3	Moram, Hardcore & Site sterilization				
-	Moram (4.5m <sup>3</sup> lorry)	7	Trips		
	Hardcore 200mm thick - (4.5m <sup>3</sup> lorry)	8	Trips		
	Sand		M <sup>3</sup>		
	Aldrin solution or other and equal approved (1000mls)	<u>8</u> 1	Bottle		
		1	Dottie		
	blindining concrete, 50mm thick -10 grade, Oversite Concrete				
4	and ramps 100mm thick - 15 grade ,Ground Beam, starter				
	column and column bases - 20 grade				
	DPM	151	M <sup>2</sup>		
	Cement -50kgs (42.5)	134	Bags		
	Aggregates (1/2")	24	M <sup>3</sup>		
	Sand	12	M <sup>3</sup>		
	Reinforcement - 16mm diameter high tensile 460N/mm2	10	PC'S		
	Reinforcement - 12mm diameter high tensile 460N/mm2	33	PC'S		
	Reinforcement - 8mm diameter high tensile 460N/mm2	39	PC'S		
-	Binding Wire - 1kg	4	Kgs		
	4mm thick wire mesh (1200x2400mm)	4	PC'S		
	Timber 1" X 10 " (5.2m long)	15	PC'S		
	Timber 2" X 2"(5.2m long)	10	PC'S		
	Nails-4"	5	Kgs		
	Nails-3"	5	Kgs		
	Supporting props - 3m	5	PC'S		
	SUB-TOTAL SUBSTRUCTURE				
-	SUB-IUIAL SUBSIRUCIURE				

	DESCRIPTION	QTY	UNIT	PRICE-TZS	AMOUNT
В.	SUPERSTRUCTURE				
4	Walls & ringbeams , window cills and columns				
1	waiis & ringbeams, window cills and columns				
	6" Cement & Sand block -Minimum Strength 3. 5 MPa - 150mm	789	No		
	DPC (30m long, 1m wide)	1	Roll		
	Sand	6	M <sup>3</sup>		
	Cement-50kgs (42.5)	13	Bags		
	Aggregates (1/2")	6	M <sup>3</sup>		
	Reinforcement - 16mm diameter high tensile 460N/mm2	17	PC'S		
	Reinforcement - 12mm diameter high tensile 460N/mm2	25	PC'S		
	Reinforcement - 8mm diameter high tensile 460N/mm2	44	PC'S		
	4mm thick mild steel mesh (1200x2400mm) to window cill Binding Wire - 1kg	2 8	PC'S Kg		
	12mm thick marine boards -1200mmx2400mm	10	PC'S		
	Timber 1" X 10 " (5.2m long)	15	PC'S		
	Timber 1" X 5" (Plates) -5.2m long	5	PC'S		
	Timber 2" X 2"(5.2)m long	14	PC'S		
	Nails -4"	10	Kgs		
	Nails-3"	10	Kgs		
	Supporting Props - 3m	10	PC'S		
	SUB-TOTAL SUPER STRUCTURE				
	ALTENATIVE TO BLOCKWORK WALL				
	** If brickwork is applicable, then blockwork is not applicable.				
	Therefore Engineer must confirm to the Tenderer which item				
	to be priced (Blockwork or brickwork) depending on availability	,			
	and suitability of building materials. Note that: Strictly do not				
	use stretcher bond when using bricks, the acceptable bond is either Flemish or English or header.				
	bond is either riemsn or English or nedder.				
	230mm thick One brick wall	0	m <sup>2</sup>		
	230mm thick One brick wall 150mm thick One brick wall	0 169	m <sup>2</sup> m <sup>2</sup>		
	150mm thick One brick wall				
<b>C</b> .	150mm thick One brick wall  ROOF STRUCTURE & COVERING				
<b>C</b> .	150mm thick One brick wall           ROOF STRUCTURE & COVERING           Roof Structure - (5.2m) Provisional	169	m <sup>2</sup>		
	150mm thick One brick wall           ROOF STRUCTURE & COVERING           Roof Structure - (5.2m) Provisional           Timber 2 " X 4" Purlins	169 53	m <sup>2</sup>		
	150mm thick One brick wall         ROOF STRUCTURE & COVERING         Roof Structure - (5.2m) Provisional         Timber 2 " X 4" Purlins         Timber 2" X 4" King Post, wall plate and struts	169 53 73	m <sup>2</sup> PC'S PC'S		
	150mm thick One brick wall         ROOF STRUCTURE & COVERING         Roof Structure - (5.2m) Provisional         Timber 2 " X 4" Purlins         Timber 2" X 4" King Post, wall plate and struts         Timber 2" X 6" Rafter and Tie beam	169 53 73 56	PC'S PC'S PC'S PC'S		
	150mm thick One brick wall         ROOF STRUCTURE & COVERING         Roof Structure - (5.2m) Provisional         Timber 2 " X 4" Purlins         Timber 2" X 4" King Post, wall plate and struts         Timber 2" X 6" Rafter and Tie beam         Fascia board 1" X 10" -ref. Semi Hardwood (5.2m long)	169 53 73 56 13	PC'S PC'S PC'S PC'S PC'S		
	150mm thick One brick wall         ROOF STRUCTURE & COVERING         Roof Structure - (5.2m) Provisional         Timber 2 " X 4" Purlins         Timber 2" X 4" King Post, wall plate and struts         Timber 2" X 6" Rafter and Tie beam         Fascia board 1" X 10" -ref. Semi Hardwood (5.2m long)         Nails -5"	169 53 73 56 13 22	PC'S PC'S PC'S PC'S PC'S Kgs		
	150mm thick One brick wall         ROOF STRUCTURE & COVERING         Roof Structure - (5.2m) Provisional         Timber 2 " X 4" Purlins         Timber 2" X 4" King Post, wall plate and struts         Timber 2" X 6" Rafter and Tie beam         Fascia board 1" X 10" -ref. Semi Hardwood (5.2m long)         Nails -5"         Nails -4"	169 53 73 56 13 22 15	m <sup>2</sup> PC'S PC'S PC'S PC'S Kgs Kgs		
	150mm thick One brick wall         ROOF STRUCTURE & COVERING         Roof Structure - (5.2m) Provisional         Timber 2 " X 4" Purlins         Timber 2" X 4" King Post, wall plate and struts         Timber 2" X 6" Rafter and Tie beam         Fascia board 1" X 10" -ref. Semi Hardwood (5.2m long)         Nails -5"         Nails -4"         Nails -3"	169 53 73 56 13 22 15 10	m <sup>2</sup> PC'S PC'S PC'S PC'S Kgs Kgs Kgs		
	150mm thick One brick wall         ROOF STRUCTURE & COVERING         Roof Structure - (5.2m) Provisional         Timber 2 " X 4" Purlins         Timber 2" X 4" Purlins         Timber 2" X 4" King Post, wall plate and struts         Timber 2" X 6" Rafter and Tie beam         Fascia board 1" X 10" -ref. Semi Hardwood (5.2m long)         Nails -5"         Nails -4"         Nails -3"         16mm diameter "J" bolt, 500mm long	169 53 73 56 13 22 15	m <sup>2</sup> PC'S PC'S PC'S PC'S Kgs Kgs		
	150mm thick One brick wall         ROOF STRUCTURE & COVERING         Roof Structure - (5.2m) Provisional         Timber 2 " X 4" Purlins         Timber 2" X 4" King Post, wall plate and struts         Timber 2" X 6" Rafter and Tie beam         Fascia board 1" X 10" -ref. Semi Hardwood (5.2m long)         Nails -5"         Nails -4"         Nails -3"	169 53 73 56 13 22 15 10	m <sup>2</sup> PC'S PC'S PC'S PC'S Kgs Kgs Kgs		
	150mm thick One brick wall         ROOF STRUCTURE & COVERING         Roof Structure - (5.2m) Provisional         Timber 2 " X 4" Purlins         Timber 2" X 4" Purlins         Timber 2" X 4" King Post, wall plate and struts         Timber 2" X 6" Rafter and Tie beam         Fascia board 1" X 10" -ref. Semi Hardwood (5.2m long)         Nails -5"         Nails -4"         Nails -3"         16mm diameter "J" bolt, 500mm long	169 53 73 56 13 22 15 10	m <sup>2</sup> PC'S PC'S PC'S PC'S Kgs Kgs Kgs		
1	150mm thick One brick wall <b>ROOF STRUCTURE &amp; COVERING Roof Structure - (5.2m)</b> Provisional         Timber 2 " X 4" Purlins         Timber 2" X 4" Furlins         Timber 2" X 4" King Post, wall plate and struts         Timber 2" X 6" Rafter and Tie beam         Fascia board 1" X 10" -ref. Semi Hardwood (5.2m long)         Nails -5"         Nails -4"         Nails -3"         16mm diameter "J" bolt, 500mm long <b>NOTE:</b> The above softwood timber structure should be treated	169 53 73 56 13 22 15 10	m <sup>2</sup> PC'S PC'S PC'S PC'S Kgs Kgs Kgs		
1	150mm thick One brick wall <b>ROOF STRUCTURE &amp; COVERING Roof Structure - (5.2m)</b> Provisional         Timber 2 " X 4" Purlins         Timber 2" X 4" Furlins         Timber 2" X 4" King Post, wall plate and struts         Timber 2" X 6" Rafter and Tie beam         Fascia board 1" X 10" -ref. Semi Hardwood (5.2m long)         Nails -5"         Nails -4"         Nails -3"         16mm diameter "J" bolt, 500mm long <b>NOTE:</b> The above softwood timber structure should be treated <b>Roof Covering</b>	169 53 73 56 13 22 15 10 22	m <sup>2</sup> PC'S PC'S PC'S PC'S Kgs Kgs Kgs Kgs Pc's		
1	150mm thick One brick wall         ROOF STRUCTURE & COVERING         Roof Structure - (5.2m) Provisional         Timber 2 " X 4" Purlins         Timber 2" X 4" Furlins         Timber 2" X 4" King Post, wall plate and struts         Timber 2" X 4" King Post, wall plate and struts         Timber 2" X 6" Rafter and Tie beam         Fascia board 1" X 10" -ref. Semi Hardwood (5.2m long)         Nails -5"         Nails -4"         Nails -3"         16mm diameter "J" bolt, 500mm long         NOTE:         The above softwood timber structure should be treated         Roof Covering         IT 5 - 28 G Resin coated sheet	169 53 73 56 13 22 15 10 22 239 7	m <sup>2</sup> PC'S PC'S PC'S PC'S Kgs Kgs Kgs Rgs Pc's m2		
1	150mm thick One brick wall         ROOF STRUCTURE & COVERING         Roof Structure - (5.2m) Provisional         Timber 2 " X 4" Purlins         Timber 2" X 4" King Post, wall plate and struts         Timber 2" X 4" King Post, wall plate and struts         Timber 2" X 4" Rafter and Tie beam         Fascia board 1" X 10" -ref. Semi Hardwood (5.2m long)         Nails -5"         Nails -4"         Nails -3"         16mm diameter "J" bolt, 500mm long         NOTE:         The above softwood timber structure should be treated         Roof Covering         IT 5 - 28 G Resin coated sheet         Hips/Ridge and valley - 28 G resin coat - 3m	169 53 73 56 13 22 15 10 22 239	m <sup>2</sup> PC'S PC'S PC'S PC'S Kgs Kgs Kgs Pc's m2 PC'S		

# SCHEDULE OF MATERIALS - VESS

ITEM	DESCRIPTION	QTY	UNIT	PRICE-TZS	AMOUNT
			B/F		
3	<u>Gutter's</u>				
	Upvc 100mm half round (6m long)-5"	6	PC'S		
	Upvc 75mm diameter down pipe; Class B	4	PC'S		
	PVC outlet	4	PC'S		
	Gutter support bracket	44	PC'S		
	PVC bend 90'	4	PC'S		
	PVC bend 45'	4	PC'S		
	Gutter Clamp 3"	20	PC'S		
	Connector/reducer	4	PC'S		
	Connector outer	4	PC'S		
	SUB-TOTAL ROOF STRUCTURE & COVERING				-
D.	<u>CEILING</u>				
-	Gypsum board -9mm thick	11	PC'S		
	Plain Cornice (8ft)	13	PC'S		
	Screw 1.25" 500pcs/box	2	Box		
	Gypsum powder -25kg	2	Bags		
	Fiber tape (90m)	1	Roller		
	Treated softwood Timber 2" X 2" (5.2m)	31	PC'S		
	Nails 4"	3	Kgs		
	Nails 3"	4	Kgs		
	SUB-TOTAL FOR CEILING	4	Rgs		-
Ε.	DOOR				
	40mm thick hardwood Panelled door shutter				
	900 x 2200mm high	2	PC'S		
2	45 x 145mm Frames (hardwood),Varnish				
	1000 x 2740 mm high frame	2	PC'S		
	5mm thick clear glass to Vents	1	m2		
	16mm diameter burglar bars -12m	1	Pcs		
	Brush 3"	3	Pcs		
	Sand paper (msasa) No.80	3	LM		
	Clear Varnish - 4Litres	1	TIN		
	Thinner for Varnish	1	litre		
•					
3	Ironmongeries_	0	N1		
	Mortice lock Three lever	2	No		
	Brass hinges - 100mm	6	Pairs		
	METAL DOORS				
	Metal doors comprising of 32x32mm hollow, section frames				
	4mm thick metal sheet fixed to the pattern as per architectural				
	detailed drawings size 2770 x 3200mm high double doors	1	No		
	Ditto but size 1000 x 3200mm high: Double	1.0	No.		
	SUB-TOTAL FOR DOORS				
			1		

ITEM	DESCRIPTION	QTY	UNIT	PRICE-TZS	AMOUNT
F.	WINDOWS				
8	Aluminium sliding Window comprising 100mm x 1.2mm thick				
	standard aluminium profile ex-china/Turkey infill with 5mm				
	thick glass complete with mosquito proofing panel, including				
	all accessories, ironmongeries, cutting and pinning lugs				
	Windows; 2770 x 1800mm high	2	PC'S		
	Windows;1200 x 1800mm high	1	PC'S		
	······································	-			
9	25 x 6mm thick flat bar grill painted red-oxide with 25 x 25mm				
9	square pipes frame and all necessary accessories				
	Windows; 2770 x 1800mm high	2	PC'S		
	Windows;1200 x 1800mm high	1	PC'S		
	SUB-TOTAL FOR WINDOWS				-
G.	FINISHING				
1	Floor finishing				
	Bedding/Backing: cement sand and Chipping (1:1:1.5);				
	40mm Thick terrazo floor grinded and polished to smooth finishing				
	Sand	2	M <sup>3</sup>		
	Cement-50kgs (42.5)	62	Bags		
	Chipping "1/4" white chippings	2	M <sup>3</sup>		
	Chipping "1/4" black chippings	1	$M^4$		
	Chipping "1/4" pink chippings	1	M <sup>5</sup>		
	Chipping "1/4" red chippings	1	M <sup>6</sup>		
	Dividing strips 1000mm c/c	306	M		
	Terrazo colour 25kg	3	Bags		
	(Polish (tine, polish and hardener)	3	SET		
	Concrete nails	4	PCT'S		
2	Walls Finishing -15mm thick (1:4)				
-	Sand	8	M <sup>3</sup>		
	Cement-50kgs	52	Bags		
	Sand paper (msasa) No.120	1	rollers		
	Wall Putty - 20kg	6	Bags		
	Gypsum powder -25Kg	8	Bags		
	250x400x8mm thick ceramic wall tiles (1.5m <sup>2</sup> per Box)	1	box		
	2mm Spacer	1	packet		
	Grout	1	packet		
	SUB-TOTAL FOR FINISHING				-

SCHEDULE OF MATERIALS - VESS

ITEM	DESCRIPTION	QTY	UNIT	PRICE-TZS	AMOUNT
Η.	PAINTING & DECORATION				
	Emulsion Paint - 20 LTRS	3	buckets		
	Weather guard Paint - 20 LTRS	2	buckets		
	Washable paint -20 LTRS	2	buckets		
	Primer paint -20 LTRS	1	buckets		
	Masking Tape	1	Pcs		
	Solvent - 5LTRS	1	TIN		
	Brush 3"	3	Pcs		
	Roller	3	Pcs		
	Blackboard paint	2	Litres		
	Gloss paint-4LTR	1	TIN		
	Bitumen paint - 4Litres	3	TIN		
	SUB-TOTAL FOR PAINTING&DECORATION				
J.	ELECTRICAL INSTALLATION	1	Sum		
	SUB-TOTAL FOR ELECTRICAL INSTALLATION				-

ITEM	DESCRIPTION	QTY	UNIT	PRICE-TZS	AMOUNT
К.	PLUMBING AND DRAINAGE INSTALLATIONS	1	Sum		
	SUB-TOTAL FOR PLUMBING AND SANITARY				-

ITEM	DESCRIPTION	QTY	UNIT	PRICE-TZS	AMOUNT
J.	ICT INSTALLATION	1	Sum		
	TOTAL COST FOR ICT MATERIALS		TSHS		-

ITEM	DESCRIPTION	AMOUNT -TZS
	GENERAL SUMMARY	
	MASONRY & BRICKS LAYING WORKSHOP	
Α.	SUB-STRUCTURE -PROVISIONAL	-
В.	SUPERSTRUCTURE	-
C.	ROOF STRUCTURE & COVERING	-
D.	CEILING	-
E.	DOOR	-
F.	WINDOWS	-
G.	FINISHING	-
H.	PAINTING & DECORATION	-
J.	ELECTRICAL INSTALLATION	-
K	SUB-TOTAL FOR PLUMBING AND SANITARY INSTALLATION	-
L.	ICT INSTALLATION	-
	TOTAL BUILDING MATERIALS CARRIED TO GENERAL SUMMARY	-
	ADD:	
	LABOUR COST CARRIED TO GENERAL SUMMARY : (Improve and Fill the respective Labour form)	-
	TOTAL CONSTRUCTION COST	_
		-