SECTION 1

PRELIMINARIES

SPECIAL NOTES

- The Contractor is required to check the numbers of the pages and should any be found to be missing or in duplicate or the figures or writing indistinct, they must inform the Quantity Surveyors at once and have the same rectified. Should the Contractor be in doubt about the precise meaning of any item, word or figure, for any reason whatsoever, or observe any apparent omission of words or figures they must inform the Quantity Surveyor in order that the correct meaning may be decided upon before the date for the submission of the Tender.
- No liability whatever will be admitted nor claim allowed in respect of errors in the Contractor's Tender due to mistakes in the Bills of Quantities which should have been rectified in the manner described above.
- **3** Any doubt or obscurity as to the meaning or intention of any part of the tender documents, or any question arising, shall be taken up in writing, before submission of the tender so that the same can be clarified.
- The Contractor shall not alter or otherwise qualify the text of these Bills of Quantities. Any alteration or qualification made without authority will be ignored and the text of the Bills of Quantities as printed will be adhered to.
- The Contractor shall be deemed to have made allowance in their prices generally to cover items of Preliminaries or additions to Prime Cost Sums or other items, if these have not been priced against the respective items.
- 6 All items of measured work shall be priced in detail and tenders containing lump sums to cover trades or groups of work must be broken down to show prices for each item before they will be accepted. Lump sums to cover items of Preliminaries shall likewise be broken down if so required.
- 7 In no case will any expenses incurred by Contractors in preparation of this Tender be reimbursed.
- **8** The copyright of these Bills of Quantities is vested in the Quantity Surveyors and no part thereof may be reproduced without their express permission given in writing.
- The Contractor is solely responsible for the accurate ordering of materials in accordance with the Drawings and Architect's instructions and no claims for any loss or expense will be entertained for orders for materials based upon the Bills of Quantities.
- **10** The Bills of Quantities must be priced in US Dollar currency, i.e. US Dollars and Cents.
- **11** The tender documents must be priced in ink.

INDEX

SECTION NO. 1 PRELIMINARIES AND GENERAL DESCRIPTIONS

SECTION NO. 2 Main Building

SECTION NO. 4 FENCE WALL

SECTION NO. 7	GRAND SUMMARY
SECTION NO. /	GRAND SUMMART

	SECTION NO. 7 GRAND SUMMARY		
			T
ITEM	DESCRIPTION		AMOUNT (US\$)
	SECTION NO. 1		
	PRELIMINARIES AND GENERAL DESCRIPTIONS		
	PRELIMINARY PARTICULARS		
A	PARTIES		
	The "Employer" is INTERNATIONAL ORGANIZATION FOR MIGRATION		
	For the purpose of the works which are under the control of the consultants above, the		
	respective consultants shall be deemed to be invested with the duties and be representatives of the Architect.		
В	SITE		
	The site is located on GARBAHAREY DISTRICT		
	The site of the works shall be used solely for the purpose of executing and completing the Contract to the satisfaction of the Architect.		
	The Contractor shall obtain the Architect's approval for the siting of all temporary storage areas for materials.		
	The Contractors shall visit the site to acquaint themselves with its nature and position, the nature of the ground, sub- strata and other local conditions, position of power and water supplies, access roads or any other limitations, and no claims for extras will be considered		
	on account of lack of knowledge in this respect. The Contractor's attention is drawn to the fact that they shall confine themselves to the area		
	necessary for executing the works as instructed by the Architect.		
	The contractor must obtain the Architect's approval and directions regarding the use of any materials found on the Site. Any such material utilized in the execution of the Contract shall be measured and value assessed by the Quantity Surveyor and the amount credited to the Employer.		
	Carried To Collection	US\$	
	GENERAL MATTERS		
	,		П

A SUFFICIENCY OF TENDER

The Contractor shall be deemed to have satisfied themselves before tendering as to the correctness and sufficiency of their Tender for the Works and of the rates and prices stated in the priced Bills of Quantities, which rates and prices shall cover all their obligations under the Contract and all matters and things necessary for the proper completion and maintenance of the Works.

B STAMP CHARGES

The Contractor shall allow for the payment of all Stamp Charges in connection with the Surety Bond and Contract Agreement.

C DEFINITIONS AND ABBREVIATIONS

Terms used in these Bills of Quantities shall be interpreted as follows:

"Approved" shall mean approved by the Architect.

"as directed" shall mean as directed by the Architect or any other consultant in the contract.

"BS" Shall mean the current British Standard Specification published by the British

Standards Institution, 2 Park Street, London W.1, England.

"CM" shall mean Cubic Meters.

"SM" shall mean Square Meters.

"LM" shall mean Linear Meters.

"mm" shall mean Millimeters.

"Kg" shall mean Kilograms.

"No." shall mean Number.

"m.s" shall mean Measured separately.

"Ditto " shall mean as described before or as above described.

D PROGRESS SCHEDULE

The Contractor shall, upon receiving instructions to proceed with the work, draw up a Time and Progress Schedule setting out the order in which the Works are to be carried out with the appropriate dates thereof. This Time and Progress Schedule is to be agreed with the Architect and no deviation from the order set out in this Schedule will be permitted without the written consent of the Architect. The Main Contractor will be responsible for arranging the above programme with all Sub-Contractors including the Nominated Sub-Contractors and Nominated Suppliers.

E FIGURED DIMENSIONS

Figured dimensions are to be followed in preference to dimensions scaled from the Drawings; but whenever possible dimensions are to be taken on the Site or from the Buildings. Before any work is commenced by Sub-Contractors or Specialist Firms, dimensions must be checked on the Site and/or buildings and agreed with the Contractor, irrespective of the comparable dimensions shown on the Drawings. The Contractor shall be responsible for the accuracy of such dimensions.

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A PROVISIONAL WORK

All "provisional" and other work liable to adjustment under this Contract shall be left uncovered

for a reasonable time to allow all measurements needed for such adjustment to be taken by the Quantity Surveyor. Immediately the work is ready for measurement, the Contractor shall give notice to the Quantity Surveyor.

If the Contractor makes default in these respects he shall, if the Architect so directs, uncover the work at his own expense to enable the measurements to be taken.

B EXISTING SERVICES

Prior to commencement of any work the Contractor is to ascertain from the relevant Authorities the exact position, depth and level of all existing electric cables, water pipes or other services in the area and they shall make whatever provisions may be required by the Authorities concerned for the support and protection of such services. Any damage or disturbance caused to any services shall be reported immediately to the Architect and the relevant Authority and shall be made good to their satisfaction at the Contractor's expense.

C TRANSPORT TO AND FROM THE SITE

The Contractor shall include in their prices for the transport of materials, workmen, etc., to and from the Site of the proposed Works, at such hours and by such routes as are permitted by the Authorities.

D OVERTIME

The Contractor shall allow in their tender for any extra costs for overtime working they consider will be necessary in order to complete the works by the contract Date of Completion.

If during the course of the Contract overtime is worked for a specific purpose in accordance with a written instruction issued by the Architect, the Contractor will be reimbursed in respect of such overtime to the extent only of the additional net cost of unproductive time payable over and above the basic hourly rates as laid down by the Regulations of Wages and Conditions of Employment Act, Building and Construction Industry Wages council and excluding any bonuses, profits and overheads.

E PUBLIC AND PRIVATE ROADS, PAVEMENTS, ETC.

The Contractor will be required to make good, at their own expense, any damage they may cause to the present road surfaces and pavements within or beyond the boundary of the Site, during the period of the Works. In particular, all existing trees, shrubs, plants, etc., which may be destroyed or damaged during the progress of the Works are to be made good by the Contractor to the approval of the Architect.

F POLICE REGULATIONS

The Contractor is to allow for complying with all instructions and regulations of the Police Authorities.

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A CONTRACTORS' SUPERINTENDENCE

The Contractor shall constantly keep on the Works a literate English-speaking Agent or Representative, competent and experienced in the kind of work involved, who shall give his whole time to the superintendence of the Works. Such Agent or Representative shall receive on behalf of the Contractor, directions and instructions from the Architect and such directions and instructions shall be deemed given to the Contractor in accordance with the Conditions of Contract. The Agent shall not be replaced without the specific approval of the Architect.

It is to be a specific condition of this Contract that the successful Tenderer shall provide on site throughout the period from the completion of the substructure to the Date for Practical Completion a suitably qualified, experienced and competent person to ensure that the works are carried out to the standard required by the specification and detailed on the Drawings; and shall ensure that upon any termination of employment a suitable replacement is found.

Before the Tenderer's offer is accepted the Architect will personally interview the Contractor's proposed Representative. A curriculum vitae of past experience and qualifications must be

provided for the Architect's scrutiny.

The Architect's decision will be final regarding the suitability of the proposed Representative.

B WATER

All water shall be fresh, clean and pure, free from earthy vegetable or organic matter, acid or alkaline substance in solution or suspension.

The Contractor shall provide at their own risk and cost all water for use in connection with the Works (including the work of Sub-Contractors). The Contractor shall provide at their own expense all temporary distribution pipes, storage tanks, meters, etc., and they shall clear away same upon completion of the Works.

C LIGHTING AND POWER

The Contractor shall provide at their own risk and cost all artificial lighting and power for use on the Works, including all Sub-Contractors' and Specialists' requirements and including all temporary connections, wiring, fittings, etc., and clearing away on completion. The Contractor shall pay all fees and obtain all permits in connection therewith.

D SAFETY

In particular there shall be proper provision of planked footways and guard-rails to scaffolding, etc.; protection against falling materials and tools and the Site shall be kept tidy and clear of dangerous rubbish.

The Architect shall be empowered to suspend work on the Site should he consider these conditions are not being observed, and no claim arising from such a suspension will be allowed.

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A PROTECTIVE CLOTHING

The Contractor shall provide all protective or any other special clothing or equipment for their employees that may be necessary.

These shall include, inter-alia, safety helmets, gloves, goggles, earmuffs, gumboots, steel toed boots, overalls, etc according to the type of work. The Contractor shall ensure that all safety and protective gear are worn by all staff on site at all times

MATERIALS AND WORKMANSHIP

B GENERALLY

All materials shall be new unless otherwise directed or permitted by the Architect and in all cases where the quality of goods or materials is not described or otherwise specified, is to be the best quality obtainable in the ordinary meaning of the word "best" and not merely a trade signification of that word.

All materials and workmanship shall, unless otherwise specified or described, conform to the appropriate Kenya Bureau of Standards or British Standards Institution Specification current at the date of tender.

The Contractor shall order all materials to be obtained from overseas immediately after the Contract is signed and shall also order materials to be obtained from local sources as early as necessary to ensure that such materials are on Site when required for use in the Works.

The Contractor shall be responsible for and shall replace or make good at their own expense any materials lost or damaged.

The Works throughout shall be executed by skilled workmen well versed in their respective trades.

REJECTED WORKMANSHIP OR MATERIALS

Any workmanship or materials not complying with the specific requirements or approved samples or which have been damaged, contaminated or have deteriorated, must immediately be removed from the Site and replaced at the Contractor's expense, as required.

D PROPRIETARY MATERIALS

Where proprietary materials are specified herein-after the Contractor may propose the use of materials of other manufacture but equal quality for approval by the Architect.

All materials and goods, where specified to be obtained from a particular manufacturer or supplier are to be used or fixed strictly in accordance with their instructions.

E SAMPLES

The Contractor shall furnish at the earliest possible opportunity before work commences and at his own cost, any samples of materials or workman-ship that may be called for by the Architect for his approval or rejection, and any further samples in the case of rejection until such samples are approved by the Architect and such samples, when approved, shall be the minimum standard for the work to which they apply.

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A CONCRETE TESTS

Concrete test cubes I.e. per set of three as later described, including testing fees, labour and materials, making moulds, transport and handling etc.. and ensuing copies of tests are promptly dispatched to the Architect's and Quantity Surveyor's offices. Successful tests only (Provisional)

TEMPORARY WORKS

B SPACE AND SERVICES FOR THE ARCHITECT

The Contractor shall provide where directed within the site, site offices and clean toilet facilities for the sole use of the Architect and their representatives to the satisfaction of the Local Authorities. The offices shall be provided with adequate furniture and the contractor shall provide the services of a sweeper, pay all charges and keep the facilities in a clean and sanitary condition during the whole period of the Works. In particular, the Contractor is to note that the station will continue with operations during the period of the works and a separate office and store shall be provided for full time use by the station dealer. Equally, separate sanitary amenities shall be provided for the station staff to the satisfaction of the Architect and local authorities.

C TELEPHONE

The Contractor shall provide a telephone connection to the town exchange for the period of the Works, and shall pay all fees and rental for the same. The telephone connection shall remain on site until completion of the works.

D SANITATION

The Contractor shall make arrangements for the necessary toilet facilities for their staff and workmen to the requirements and satisfaction of the Health authorities and maintain the same in a thoroughly clean and sanitary condition and pay all conservancy fees during the period of the Works and remove when no longer required.

E PLANT, TOOLS AND SCAFFOLDING

The Contractor shall provide all necessary hoists, tackle, plant, vehicles, tools and appliances of on every description for the due and satisfactory completion of the Works and shall remove same completion.

The Contractor shall provide, erect and maintain all temporary scaffolding, sufficiently strong and efficient for the due performance of the Works, including Sub-contract Works, provide special scaffolding as and when required during the Works and remove on completion and make good. Such scaffolding shall be constructed of tubular steel or timber of sufficient scantlings and be provided with planked footways and guard-rails to approval. All such plant, tools and scaffolding shall comply with all regulations whether general or local, in force throughout the period of the Contract and shall be altered or adapted during the Contract as may be necessary to comply with any amendments in or additions to such regulations. Scaffolding is not measured hereinafter, and the Contractor must allow here or in his rates for the above. **Carried To Collection** US\$ **EXISTING AND ADJACENT PROPERTY** The Contractor must take all steps necessary to safeguard existing and adjacent property, make good at their own expense any damage to persons or property caused thereon, and hold the Employer indemnified against any such claim arising. The Contractor will be held fully responsible for the safety of the existing and adjacent buildings and for any damage caused in consequence of these Works. They must reinstate all damages at his own expense and indemnify the Employer against any loss. The Contractor must take such steps and exercise such care and diligence as to minimize nuisance from dust, noise or any other cause to the occupiers of the existing and adjacent property. **HOARDING** The Contractor shall enclose the site areas under which work is carried out, with 1.80 meter high barbed wire fence comprising treated blue gum poles at centres not exceeding 3.0meters and 6No barbed wire strands at equal spacing The contractors attention is drawn to the fact that some areas of the site are already built up and shall be in use during the currency of this project. As such the contractor must allow for keeping his/her employees from interfering with such other users and preventing and minimizing any nuisance arising from dust, noise or by way of trespass. Allow for Provisional length of 100 meters @______(tenderer to insert rate and extend) **WATCHING AND LIGHTING** The Contractor shall provide at their risk and cost all watching and lighting as necessary to

R

safeguard the Works, plant and materials against damage and theft.

C SIGNBOARD

Α

В

The Signboard and lettering on same for the display of the General and Sub-Contractors' names shall be of an approved size with the Employer's name painted thereon. The Architect's Quantity Surveyor's and other Consultants' names shall be printed in 50 mm letters all to the Architect's approved design. No other signboard or advertising will be permitted without prior permission from the Architect.

> **Carried To Collection** US\$

PRIME COST RATES

Where description of items include a P.C. rate per unit this rate is to cover the net supply cost of the unit only. The Contractor's price must include for the cost of the unit at the rate stated, plus waste, taking delivery, storage, fixing in position, profit and overheads.

The actual net cost per unit will be adjusted within the Final Account against the P.C. rate stated.

PROTECTION AND CLEANING

B PROTECTION

The Contractor shall cover up and protect from damage, including damage from inclement weather, all finished work and unfixed materials, including that of Sub-Contractors, etc., to the satisfaction of the Architect until the completion of the Contract.

C CLEANING

The Contractor shall, upon completion of the Works, at their own expense, remove and clear away all surplus excavated materials, plant, rubbish and unused materials and shall leave the whole of the Site and Works in a clean and tidy state to the satisfaction of the Architect, including clearing away and making good all traces of temporary access roads, offices, sheds, camps, etc. Particular care shall be taken to leave clean all floors and windows and to remove all paint and cement stains. They shall also, at the discretion of the Architect, remove all rubbish and dirt as it accumulates. The Contractor is to find their own dump and shall pay all charges in connection therewith.

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TOTAL FOR SECTION 1: PRELIMINARIES AND GENERAL

US\$

Item	Description of Work/Items	Unit	Quantity	Rate	Amount
	PROPOSED MARKA DISTRICT CENTER REHABILITATION BOQ				
	MARKA TOWN - SOUTHWEST STATE				
<u> </u>	SECTION 2: MAIN BUILDING				
	ELEMENT NO.1 GENERALS				
		1.0	1		
A B	Pre-construction work, mobilisation activities Post construction works and clean up.	LS LS	1 1		
	Sub-Total carried to summary	20	1		
	ELEMENT NO.2 DEMOLITIONS AND ALTERATIONS (All the site)				
A	Repair the wall cracks using sand/cement mortar mix ratio 1:4 and Y12 steel bars inserted into the wall perpendicular to the cracks for internal and external	LS	1		
В	Hack and demolish existing old plastering internal and external walls and cart away debris	m ²	2376		
С	Demolish existing hollow block wall above the old existing Beam	LS	1		
D	Demolish existing main Entrance roof structure	sm			
Е	Cart away as drected	LS	1		
	Sub-Total carried to summary				
	ELEMENT NO.3 WALLING				
	WALLING				
	200x400mm hollow block walling bedded and jointed in				
	cement and sand (1:4) mortar, reinforcement with and				
	including 25mm wide x 20 gauge hoop iron at every alternate				
	course as described in:				
В	200mm thick superstructure walling including Veranda walling	m ²	240		\$ -
	ACCESSORIES/SUNDRY ITEMS FOR BLOCK WALLING				
С	Damp proof courses on surfaces not exceeding 200 mm wide	LM	297		
	Sub-Total for Walling				
	Element No.4 Concrete work				
	Concrete work				
A	Final tie beam	CM	12		
	<u>Reinforcements</u>				
	High tensile, square twisted bar reinforcement to BS 4461; : including bends, hooks, tying wire, distance blocks and spacers				
С	8mm Bars	lm	792		
D	10mm Bars	lm	1188		
E	Sawn formwork to: Sides of the final tie beam	SM	594		ļ
E	Flooring	SIVI	374		
F	Hack and demolish existing floor finishes on including cement/sand screed and cart away debris	m ²	630		
	cement and sand (1:3) screed, backing, beds etc				
G	20mm bed finished to receive Non-slip ceramic floor tiles (m.s)	m^2	630		
	Non-slip ceramic floor tile				
Н	300X300 x 8mm thick coloured Ceramic Tiles laid to pattern and shape	m^2	630		
I	100 x 20mm skirting	ml	426		
	Sub-Total carried to summary				
	Element No.5 DOORS				
	TEICHICH NO.3 DOONS			Ī	•
A	Remove defective timber doors and store	each	21		

	Affirm thick golid core flush door to DC AFO, norte				
	45mm thick solid core flush door to B.S 459: parts	, '	!	1	1
	faced both sides with 6mm mahogany veneered plywood and lipped on all edges in hardwood, including all	, '	!	1	1
	planted moulding. Complete with hinges and locks	1 '	!	1	1
	planted modiumg. Complete with imiges and locks	, '	!	1	1
В	50mm thick door overall size 900x2150mm high	each	8		
				 	1
В	50mm thick door overall size 800x2150mm high	each	10		
В	50mm thick door overall size 1200x2150mm high	each	1		
	Sub-Total carried to summary		 '		
	Element No.6 WINDOWS	'			
	supply and install aluminium casement windows complete	- '	,		
	with opening accessories and permanent vents for the full	1		1	1
	with opening accessories and permanent vents for the full width of window as detailed including cuMBng and 4mm thick	1	!	1	1
	toughened glazing fixing lugs to wood frame and pointing all	1 '	ļ	1	1
	round frames	, '	!	1	1
<u> </u>		<u> </u>	12		1
A	Window size 1200x1000mm high	each	13		
	Sub-Total carried to summary		 		
<u> </u>	Element No.7 ROOFING	'	 '	 	1
	Carefully remove the existing roof cover including fascia board,	, '	!	1	1
Α	gutter and downpipes and any damaged trusses and purlins, cart	m^2	602	1	1
1	away debris make good disturbed surface to recive a new roof.	1 111 1	""	1	1
		<u>'</u>		<u> </u>	
	Corrugated Cement profiled roof sheets as manufactured by	, '	!	1	1
	Mabati Rolling mills Ltd or other equal & approved, including	, '	!	1	1
	selfdrilling screws fixed to timber purlins of rafters	1 '	ļ	1	1
	Reinstall Roof covering not exceeding 35 degrees from the	$\overline{}$	<u> </u>		
	horizontal including all necessary fixtures use rafters with 100 x	, '	· ·	1	1
В	50mm, for tie beam use 150 x 50mm, purlins 75 x 50mm including	m^2	602	1	1
	-	1 '	!	1	1
	rag bolted with bar	<u>'</u>	<u> </u>		1
	<u>uPVC</u>	<u> </u>		<u> </u>	1
С	200 mm x 10 mm white gloss uPVC Fascia board	m	430	<u> </u>	
	Rain water goods			<u> </u>	4
			<u> '</u>	<u> </u>	
D	115 mm uPVC square gutter fixed to fascia boards with and	m	68	1	1
	including approved brackets at 500 mm centres	<u></u>		<u> </u>	
		لــــــــــــــــــــــــــــــــــــــ	<u> </u>	<u> </u>	
Е	Extra over gutter for stopped ends	each	6		4
	<u> </u>	لــــــــــا	<u> </u> '		4
F	Ditto but for 100 mm diameter outlet	each	6	<u> </u>	1
·			<u> </u>	<u> </u>	1
, <u> </u>	<u>Downpipe</u>			<u> </u>	
				<u> </u>	
G	100 mm diameter uPVC downpipe fixed to wall with and including	m	75	1	1
	holder butts at 500 mm centres		, 3		<u> </u>
, <u>L</u>		'	<u> </u>		<u> </u>
Н	Extra over downpipe for swanneck 1,200 mm long	each	1	<u> </u>	1
	Sub-Total carried to summary		[
, <u>L</u>	Element No.8 CEILING	<u>'</u>		<u>[</u>	
. [į	Γ,	ſ	Γ
A	Carefully remove damaged ceiling section and cart away the arising	m^2	602	1	1
ı <u> </u>	debris make good disturbed surfaces to receive new ceiling	<u></u> !		l	Í
В	Supply & fix 6mm thick chipboard ceiling boards including original	m^2	602		
ı	color including verandah		004	l	Í
	Sub-Total carried to summary				
1	ELEMENT NO.9 FINISHES	,			
	PLASTERING	, , , , , , , , , , , , , , , , , , , 	 	1	
.	12mm cement sand plaster, with steel trowelled finish, as	, , , , , , , , , , , , , , , , , , , 	 	1	
ı I	described to:-	()	!	1	1
	Internal and External Sides of hallow block walls and concrete		 		
		sm	2376	1	1
A	Isurfaces			 	
A	surfaces Allow for PCC vents	'		•	1 _
	Allow for PCC vents		 	 	+
D	Allow for PCC vents allow fix and install pcc vent for decoration of verandah, also above	LS	1		
D	Allow for PCC vents allow fix and install pcc vent for decoration of verandah, also above doors, window etc. as per drawing with upper copping	LS	1		
D	Allow for PCC vents allow fix and install pcc vent for decoration of verandah, also above	LS	1		

	<u>Lighting Fittings</u>		·		
	Supply and install following lighting fixtures with all	. —— ,	1 '		, i
	accessories as per the specifications and drawings and	, ,	1	1	Ţ
	complete with lamp fitting and accessories of Engineer or	. ,	1	1	Ţ
<u></u>	approved make.		<u> </u>		
A	Type 4S - 4x18w surface mount flourescent light fitting	No	24	<u></u>	
С	150W LED floodlight	No	5		
	<u>Switches</u>		[
D	5 Amps one gang one way switch	No	6		
Е	5 Amps two gang one way switch	No	12		
	Socket outlets		<u> </u>		
	Supply and installation of fused shuttered switched socket	. ,	1 '		, T
	outlet to comply with relevant BS standard (Clipsal, Orange,	, ,	1	1	Ţ
	Crabtree/ Tenby/ABB or equivalent). Wiring (including supply	, J	1	1	Ţ
	of earth wire and all other material required) of above socket	, J	1	1	ı j
	outlet using approved type 2.5mm ² PVC/PVC copper cable and	, ,	1	1	Ţ
	2.5mm ² earth wire drawn through securely fixed concealed	. ,	1	1	Ţ
	PVC conduit in a ring circuit. Socket outlet points	. ,	1	1	Ţ
<u> </u>			<u>'</u>		
F	13 A twin sockets outlet	each	18	1	
	Cables, Cable pathways and Conduits				
	Supply, install, test and commission 450/750 volts 6491X	. ,	1	1	Ţ
	cables with all required accessories for proper installation and	, J	1	1	
	operation including conduits, pipes(each cable in separate	, J	1	1	
	conduit or pipe), cable lugs, ties etc. as shown on drawing, as	. ,	1	1	1
	per the preamble, the specifications and supervision engineer's	, J	1	1	1
<u></u>	requirements.		<u> </u>	4	
	Supply, install and connect complete 1.5 sq. mm colour-coded SC	. ,	1	1	1
G	cables to lighting points drawn in Concealed /surface 20mm HG	M	385	1	1
	PVC conduits, complete with draw boxes, switch boxes and other	, ' J	1	1	1
<u> </u>	necessary accessories.			4	
,,	Supply and install two compartment floor recessed metallic	, J	1	1	
Н	electrical floor box with flap cover complete with lifting handle,	No	1	1	1
	cable cable flaps, as Crabtree Britmac or equal and approved		11		
I	3 speed box fan with 20 inch blades	No	11	+	 !
<u> </u>	Water Tank Elevated resistructure and Blastic water tank, 2000litro with it is nine.			4	1
N	Elevated rcc structure and Plastic water tank 2000litre with it is pipe	LS	1	1	1
	connections as per the site engineer approval		<u> </u>	4	
0	Final cleaning inside /outside and area surrounding the site and land	lm	1	1	
	scaping		<u> </u>		
P	Allow provisional sum for Rehabilitating the Existing Septic Tank,	Ls	1	1	1
•	Drainage system and Plumbing works		·'	<u></u>	<u> </u>
	Sub-Total carried to summary				
	ELEMENT NO.10 PAINTING		<u> </u>	1	
	Prepare and apply one undercoat and two finishing coatsfirst grade plastic	. ,	1 '		
	emulsion paint as silk vinyl to:-		<u> </u>	1	
A	Internal and External Sides of hallow block walls and concrete surfaces	m2	2376	1	
	Sub-Total carried to summary				
					

	Description of Work/Items				
Item	SUMMARY OF COMPONENT	Unit	Qntty	Rate	Amnt USD
	Currency:				
	Project No:				
	Project Title:				
	Location:				
	Tender No:				
	Tender Title:				
	Original Issue:				
	ELEMENT NO.1 GENERALS				
	ELEMENT NO.2 DEMOLITIONS AND ALTERATIONS (All the site)				
1	ELEMENT NO.3 WALLING				
2	Element No.4 Concrete work				
3	Element No.5 DOORS				
4	Element No.6 WINDOWS				
	Element No.7 ROOFING				
6	Element No.8 CEILING				
7	ELEMENT NO.9 FINISHES				
	ELEMENT NO.10 PAINTING				
8	Grand Total				
			"		

Item	Description of Work/Items	Unit	Quantity	Rate	Amount
	PROPOSED MARKA DISTRICT CENTER REHABILITATION BOQ				
	MARKA TOWN - SOUTHWEST STATE				
	SECTION 7: FENCE WALL Site Prepration				
	Cleaning for site of all bushes, grab up roots and burn their arising also				
	cleance the existing demolished wall	sm	814.00		
	Sub-Total carried to summary				
	WALLING				
A	Repair the wall cracks using sand/cement mortar mix ratio 1:4 and Y12 steel bars inserted into the wall perpendicular to the cracks for	ls	1		
	internal and external				
	200x400mm hollow block walling bedded and jointed in cement and sand (1:4) mortar, reinforcement with and including 25mm wide x 20				
	gauge hoop iron at every alternate course as described in:				
В	200mm thick superstructure walling	sm	103.00		
С	Final Tie Beam	CM	4.00		
Ü	Sub-Total for Walling	51-1	1.00		
	FINISHES				
	Use masonry chisel for plaster removal and test the condition of the				
A	wall for weakness. Remove all old plaster with masonry chisel starting from cracked sections.	sm	600.00		
	PLASTERED/RENDERED/ROUGHCAST COATINGS				
	Cement-sand 1:3 to :-				
	15 mm thick plaster wood floated hard both ways	140	(00.00		
В		M2	600.00		
	Painting Prepare and apply three coats first quality silk vinyl emulsion pain on:-				
	r repare and apply an ee could mot quanty out viny; emails on pain on				
С	Plastered Surfaces internally and externally	M2	600.00		
	Sub-Total for Finishes				
	Gates				
	Supply and fix double leaf steel gate size 5000x 2100mm high with small pedestrian door made from 3mm thick steel plate welded on both sides of the frame. Frame as follows: 75x50x3mm thick RHS external members and 25mm SHS 3mm thick secondary members, fixed onto the concrete columns using heavy duty steel pin hinges; with all fastening accessories including all cutting welding, grinding and priming with one coat of grey oxide before fixing. The gate should also have peep holes of not more that 25mm dia with a slilding door. It should also have 2 locking mechanisms, top and bottom.	No	1		
	Emergence Steel Door overall size 1200x2150mm high	No	1		
	Sub-Total for Gates				
	Description of Work/Items	Unit	Qntty	Rate	Amnt USD
	SUMMARY OF COMPONENT Currency:				
	Project No:				
	Project Title:				
-	Location: Tender No:				
	Tender Title:				
	Original Issue:				
	C	o wall			
	Site Prepration Summary of Marka Fenc	e wall			
	WALLING				
	FINISHES				
	Gates			<u> </u>	

dianu i otarioi rence wan	Grand Total for Fence Wall				
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ITEM NO.	DESCRIPTION	PAGE	AMOUNT (US\$)
	PROPOSED MARKA DISTRICT CENTER REHABILITATION BOO MARKA TOWN - SOUTHWEST STATE		
	GRAND SUMMARY		
1 2	SECTION 1: PRELIMINARIES AND GENERAL DESCRIPTIONS SECTION 2: MAIN BUILDING		
7	SECTION 7: FENCE WALL		
	TOTAL AMOUNT CARRIED TO FORM OF TENDER	US\$	
	SIGNED:		
	(CONTRACTOR)	 	
	Address:	 	
	Tel No:	 	
	Date:	 	
	SIGNED:		
	(EMPLOYER)	 	
	Address:		
	Tel No:	 	l
	Date:		