



FEDERAL GOVERNMENT OF SOMALIA

PROJECT: SPECIAL FINANCING FACILITY FOR LOCAL DEVELOPMENT
CONTRACT FOR CONSULTING SERVICES: DEVELOPMENT OF PRELIMINARY AND DETAILED
ENGINEERING DESIGNS AND SUPERVISION OF CIVIL WORKS
CONTRACT NO.: MOF/SSF/SERV/08

PROPOSED REGIONAL LAW COURTS IN KISMAYO, SOMALIA – LOWER JUBBA REGION



DECEMBER 2016

Ecotech Ltd.

PRELIMINARIES AND GENERAL DESCRIPTIONS

SPECIAL NOTES

- 1** 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 **bid**.
- 2** No liability whatever will be admitted nor claim allowed in respect of errors in the Contractor's **bid** 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 **bid** documents, or any question arising, shall be taken up in writing, before submission of the **bid** so that the same can be clarified.
- 4** 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.
- 5** 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 **bids** 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 **bid** be reimbursed.
- 8** The copyright of these Bills of Quantities is vested in the **Client** and no part thereof may be reproduced without their express permission given in writing.
- 9** The Contractor is solely responsible for the accurate ordering of materials in accordance with the Drawings and **Project Manager/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 **bid** documents must be priced in ink.

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ITEM	ITEM DESCRIPTION	AMOUNT (US\$)
A	PREAMBLE TO BILLS OF QUANTITIES	
	SUFFICIENCY OF BID	
	The Contractor shall be deemed to have satisfied themselves before bidding as to the correctness and sufficiency of their bid 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 Project Manager/Architect.	
	"as directed" shall mean as directed by the Project Manager/Architect or any other consultant in the contract.	
	"BS" Shall mean the current British Standard Specification published by the British Standards Institution	
	"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.	
	"PR" shall mean Pairs.	
	"Item" shall mean Lump Sum.	
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 Project Manager/Architect and no deviation from the order set out in this Schedule will be permitted without the written consent of the Project Manager/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.	
	Carried To Collection	US\$

ITEM	ITEM DESCRIPTION	AMOUNT (US\$)
	<p>PROVISIONAL WORK</p> <p>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.</p> <p>If the Contractor makes default in these respects he shall, if the Project Manager/Architect so directs, uncover the work at his own expense to enable the measurements to be taken.</p>	
A	<p>EXISTING SERVICES</p> <p>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 Project Manager/Architect and the relevant Authority and shall be made good to their satisfaction at the Contractor's expense.</p>	
C	<p>TRANSPORT TO AND FROM THE SITE</p> <p>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.</p>	
D	<p>POLICE REGULATIONS</p> <p>The Contractor is to allow for complying with all instructions and regulations of the Police Authorities.</p>	
	<p style="text-align: right;">Carried To Collection</p> <p style="text-align: right;">US\$</p>	

ITEM	ITEM DESCRIPTION	AMOUNT (US\$)
A	<p>CONTRACTORS' SUPERINTENDENCE</p> <p>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 Project Manager/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 Project Manager/Architect.</p> <p>It is to be a specific condition of this Contract that the successful bidder 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.</p> <p>Before the bidder's offer is accepted the Project Manager/Architect will personally interview the Contractor's proposed Representative. A curriculum vitae of past experience and qualifications must be provided for the Project Manager/Architect's scrutiny.</p> <p>The Project Manager/Architect's decision will be final regarding the suitability of the proposed Representative.</p>	
	<p>WATER</p> <p>All water shall be fresh, clean and pure, free from earthy vegetable or organic matter, acid or alkaline substance in solution or suspension.</p> <p>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.</p>	
	<p>B LIGHTING AND POWER</p> <p>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.</p>	
C	<p>SAFETY</p> <p>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.</p> <p>The Project Manager/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.</p>	
	<p style="text-align: right;">Carried To Collection</p> <p style="text-align: right;">US\$</p>	

ITEM	ITEM DESCRIPTION	AMOUNT (US\$)
A	<p>PROTECTIVE CLOTHING</p> <p>The Contractor shall provide all protective or any other special clothing or equipment for their employees that may be necessary.</p> <p>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</p> <p><u>MATERIALS AND WORKMANSHIP</u></p>	
B	<p>GENERALLY</p> <p>All materials shall be new unless otherwise directed or permitted by the Project Manager/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.</p> <p>All materials and workmanship shall, unless otherwise specified or described, conform to the appropriate British Standards Institution Specification current at the date of bid.</p> <p>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.</p> <p>The Contractor shall be responsible for and shall replace or make good at their own expense any materials lost or damaged.</p> <p>The Works throughout shall be executed by skilled workmen well versed in their respective trades.</p>	
C	<p>SAMPLES</p> <p>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 Project Manager/Architect for his approval or rejection, and any further samples in the case of rejection until such samples are approved by the Project Manager/Architect and such samples, when approved, shall be the minimum standard for the work to which they apply.</p>	
	<p>Carried To Collection</p> <p>US\$</p>	

ITEM	ITEM DESCRIPTION	AMOUNT (US\$)
A	<p>CONCRETE TESTS</p> <p>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 Project Manager/Architect's and Quantity Surveyor's offices. Successful tests only (Provisional)</p> <p>TEMPORARY WORKS</p>	
B	<p>SPACE AND SERVICES FOR THE PROJECT MANAGER/ARCHITECT</p> <p>The Contractor shall provide where directed within the site, site offices and clean toilet facilities for the sole use of the Project Manager/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 Project Manager/Architect and local authorities.</p>	
C	<p>TELEPHONE</p> <p>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.</p>	
D	<p>SANITATION</p> <p>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.</p>	
E	<p>PLANT, TOOLS AND SCAFFOLDING</p> <p>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.</p> <p>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.</p> <p>Such scaffolding shall be constructed of tubular steel or timber of sufficient scantlings and be provided with planked footways and guard-rails to approval.</p> <p>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.</p> <p>Scaffolding is not measured hereinafter, and the Contractor must allow here or in his rates for the above.</p>	
	<p style="text-align: right;">Carried To Collection</p> <p style="text-align: right;">US\$</p>	

ITEM	ITEM DESCRIPTION	AMOUNT (US\$)
A EXISTING AND ADJACENT PROPERTY <p>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.</p> <p>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.</p> <p>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.</p>	B WATCHING AND LIGHTING <p>The Contractor shall provide at their risk and cost all watching and lighting as necessary to safeguard the Works, plant and materials against damage and theft.</p>	
C SIGNBOARD <p>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 Project Manager/Architect's, Quantity Surveyor's and other Consultants' names shall be printed in 50 mm letters all to the Project Manager/Architect's approved design. No other signboard or advertising will be permitted without prior permission from the Project Manager/Architect.</p>	<p style="text-align: right;">Carried To Collection</p> <p style="text-align: right;">US\$</p>	

ITEM	ITEM DESCRIPTION	AMOUNT (US\$)
	<p>PRIME COST RATES</p> <p>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.</p> <p>The actual net cost per unit will be adjusted within the Final Account against the P.C. rate stated.</p> <p><u>PROTECTION AND CLEANING</u></p> <p>A PROTECTION</p> <p>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 Project Manager/Architect until the completion of the Contract.</p> <p>B CLEANING</p> <p>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 Project Manager/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 Project Manager/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.</p> <p><u>ENVIRONMENTAL AND SOCIAL MANAGEMENT</u></p> <p>C ENVIRONMENTAL AND SOCIAL MANAGEMENT</p> <p>Provide a provisional sum for the costs of implementing the Environmental and Social Management (ESM) that involves the protection, conservation and sustainable use of the various elements or components of the environment such as the following impacts of the construction phase; soil erosion, noise pollution, construction waste, air/dust pollution, storm water, insecurity and health & safety. And the impacts of the operation phase such as oil spills and leaks, increased water demand, solid waste generations, demand for electricity, fire hazards & accidents, occupational health & safety. The main activities shall include the monitoring and evaluation & environmental audits during the implementation and decommissioning phases of the project.</p>	
	<p style="text-align: right;">Carried To Collection</p> <p style="text-align: right;">US\$</p>	

ITEM	ITEM DESCRIPTION	AMOUNT (US\$)
	<div><div>Collection</div><div><div>Brought forward from Page1/3</div><div>Brought forward from Page1/4</div><div>Brought forward from Page1/5</div><div>Brought forward from Page1/6</div><div>Brought forward from Page1/7</div><div>Brought forward from Page1/8</div><div>Brought forward from Page1/9</div></div></div>	
	<div><div>TOTAL FOR SECTION 1: PRELIMINARIES AND GENERAL ITEMS</div><div>CARRIED TO GRAND SUMMARY</div><div>US\$</div></div>	

BLOCK A – COURT OF APPEALS

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u> <u>SECTION 2: BLOCK A - COURT OF APPEALS</u> <u>ELEMENT NO. 1</u> <u>SUBSTRUCTURES (PROVISIONAL)</u> <u>Excavations including maintaining and supporting sides and keeping free from water, mud and fallen material</u>				
A	Clear the site of all shrubs, grass and excavate top vegetable soil average depth 200mm and deposit on site as directed	SM	328		
B	Excavate to reduce level overall depth not exceeding 1.5m deep	CM	85		
C	Excavate trench for foundation not exceeding 1.50 meters deep, starting from stripped levels	CM	99		
D	Extra over for rock excavations; trench foundation	CM	20		
E	Excavate for column base not exceeding 1.50 meters	CM	5		
F	Extra over for rock excavations; column base	CM	1		
	<u>Disposal</u>				
G	Return, fill and ram selected excavated material around foundations.	CM	125		
H	Load, wheel and cart deposit and spread surplus excavated material where directed on site at a distance not exceeding 100 meters	CM	85		
	<u>Hardcore or other approved filling, as described</u>				
I	300mm thick well compacted hardcore filling blinded with 25mm thick quarry dust layer to receive surface bed	CM	148		
	<u>Anti-termite treatment</u>				
J	Gladiator or equal and approved chemical anti-termite treatment, executed complete by an approved specialist under a ten-year guarantee, to surfaces of hard-core	SM	328		
	<u>Damp-proof membrane</u>				
K	1000 gauge polythene or other equal and approved damp-proof membrane, laid over blinded hardcore (m.s) with 300mm side and end laps (measured nett-allow for laps)	SM	328		
	<u>Plain concrete class 15 in:</u>				
L	50mm blinding under strip footing	SM	106		
M	50mm blinding under column bases	SM	4		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>Reinforced concrete class (20) as described, in:-</u>				
N	Strip footing	CM	21		
O	Column bases	CM	1		
P	Foundation columns	CM	1		
Q	Ramp	SM	31		
R	150mm Thick surface bed laid in bays including all necessary formwork	SM	328		
	CARRIED TO COLLECTION AT END OF ELEMENT 1	US\$			
	<u>Reinforcement, as described:-[PROVISIONAL]</u>				
	<u>High yield square twisted reinforcement bars to B.S 4461</u>				
A	8mm bars	Kg	19		
	10mm bars	Kg	547		
B	12mm bars	Kg	478		
C	16mm bars	Kg	53		
	<u>Mesh fabric reinforcement to B.S 4483 and setting in concrete with 300mm side and end laps (measured nett-allow for laps).</u>				
D	Fabric ref. A142 weighing 2.22kg/ sq.metre, in surface bed.	SM	328		
	<u>Sawn formwork as described to:-</u>				
E	To sides of strip footing	SM	71		
F	To sides of foundation columns	SM	10		
G	To sides of column base	SM	5		
H	To soffit of ramp	SM	35		
I	To edge of ramp and slabs over 75mm but not exceeding 150mm high	LM	93		
	<u>Walling in natural coursed stone obtained from an approved quarry, bedded and jointed in gauged mortar (1:3)</u>				
J	200mm thick walling	SM	372		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
K	<i>Damp-proof courses, as described, to walls</i> 200mm wide	LM	111		
	CARRIED TO COLLECTION AT END OF ELEMENT 1	US\$			
	<u>ELEMENT NO. 1 COLLECTION</u>				
	FROM PAGE		2/1		
	FROM PAGE		Above		
	TOTAL CARRIED TO THE END OF SECTION 2	US\$			
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u>				
	<u>SECTION 2: BLOCK A - COURT OF APPEALS</u>				
	<u>ELEMENT NO. 2</u>				
	<u>REINFORCED CONCRETE FRAME</u>				
	<i>Reinforced concrete class 25, as described in:-</i>				
A	Beams and ring beam	CM	20		
B	Columns	CM	2		
	<i>Reinforcement, as described (PROVISIONAL)</i>				
	<i>High yield square twisted reinforcement to BS 4461</i>				
C	8mm ditto	Kg	460		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
D	12mm ditto	Kg	77		
E	16mm ditto	Kg	1,074		
	<u>Sawn formwork, as described, to:-</u>				
F	Sides and soffits of beams	SM	148		
G	Sides of columns	SM	24		
	<u>TOTAL CARRIED TO THE END OF SECTION 2</u>	US\$			
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u>				
	<u>SECTION 2: BLOCK A - COURT OF APPEALS</u>				
	<u>ELEMENT NO. 3</u>				
	<u>WALLING</u>				
	<u>Natural hard approved machine cut quarry stone walling</u> <u>from approved quarry with a crushing strength of 5.0 N/mm²</u> <u>bedded and jointed in cement and sand (1:4) mortar,</u> <u>reinforcement with and including 25mm wide x 20 gauge</u> <u>hoop iron at every alternate course as described in:</u>				
A	200mm thick walling externally	SM	218		
B	200mm thick walling internally	SM	177		
	<u>Partitioning</u>				
C	900mm high, wooden railing with and including the door	SM	9		
	<u>TOTAL CARRIED TO THE END OF SECTION 2</u>	US\$			

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<p><u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u></p> <p><u>SECTION 2: BLOCK A - COURT OF APPEALS</u></p> <p><u>ELEMENT NO. 4</u></p> <p><u>ROOF CONSTRUCTION AND FINISHES</u></p> <p><i><u>The following 22NO. in roof trusses (T1) with nailed or bolted connections including hoisting and fixing in position not exceeding 4.9 meters above ground floor level</u></i></p> <p><i><u>In sawn treated cypress Grade 2</u></i></p>				
A	100x50mm King post	LM	6		
B	150x50mm rafters	LM	302		
C	100x50mm strut or tie	LM	97		
D	100 x 50mm thick tie beam	LM	242		
E	100x50mm wall plate fixed with and including 200mm long 12mm diameter rag bolts cast into beam at 1500mm centres	LM	123		
	<p><i><u>Corrugated GI sheets gauge 32, fixed on celcurised cypress structure: 50x50mm Battens on 200X50mm Rafters @700mm on 100X50mm Wall-plate bolted @ 1200mm centres; structure to SE details. GI lining on ridges and cut-outs.</u></i></p>				
F	Roof covering not exceeding 3 degrees from the horizontal including all necessary fixtures	SM	332		
	<i><u>Rain water goods</u></i>				
G	32 gauge mild steel rain water box gutter 450mm girth one edge tucked under roof cover	LM	57		
H	800mm girth 32 gauge mild steel down pipe	LM	20		
I	Extra over shoe	No.	4		
J	Extra over for swan	No.	4		
	TOTAL CARRIED TO THE END OF SECTION 2	US\$			

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u> <u>SECTION 2: BLOCK A - COURT OF APPEALS</u> <u>ELEMENT NO. 5</u> <u>FINISHES</u> <u>15 mm cement and sand (1:3) render, finished with woodfloat to:-</u>				
A	Concrete or masonry surfaces externally <u>12mm (minimum) two coat lime plaster as described to</u>	SM	244		
B	Concrete or masonry surfaces internally	SM	623		
C	Wood stain finish to Project Manager/Architect's approval externally <u>Floor Finishes</u> <u>Cement and sand (1:3) screeds, backings, beds etc</u>	SM	8		
D	20mm thick screed to receive floor tiles <u>Ceramic floor tiles</u>	SM	273		
E	300mm x 300mm non-ceramic floor tiles	SM	273		
F	100mm High skirting <u>Ceiling finishes</u>	LM	132		
G	25mm thick acoustic ceiling boards on T-grid MS runners on MS hangers; installation to manufacturer's specifications	SM	146		
H	12mm Thick chip-boarding ceiling on 50X50mm cypress branderling 50X50mm cypress	SM	75		
I	100x25mm cornice plugged <u>Steel handrail</u>	LM	145		
J	900mm high chrome plated steel handrail on M.S balustrades to fabricators detail <u>Painting and decorating</u> <u>Prepare and apply three coats first quality emulsion paint on:-</u>	LM	20		
K	Plastered walls externally <u>Prepare and apply three coats first quality silk vinyl emulsion paint on:-</u>	SM	244		
L	Plastered surfaces internally	SM	623		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>Prepare and apply three coats first quality emulsion paint on:-</u>				
M	900mm high, wooden railing with and including the door	SM	9		
N	Chipboard ceiling	SM	146		
O	100X25mm cornice plugged	LM	145		
	<u>Prepare and apply three coats matt gloss paint to steel grill:</u>				
P	900mm high chrome plated steel handrail on M.S balustrades both sides	SM	36		
	TOTAL CARRIED TO THE END OF SECTION 2	US\$			
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u>				
	<u>SECTION 2: BLOCK A - COURT OF APPEALS</u>				
	<u>ELEMENT NO. 6</u>				
	<u>WINDOWS</u>				
	<u>Precast concrete class 20 fair faced all exposed surfaces bedded and jointed cement and sand (1:4 mortar)</u>				
A	In-situ moulded concrete window cill size 250X560mm thick weathered and throated and jointed in mortar (1:4)	LM	31		
	<u>Aluminium windows</u>				
	<u>Supply, assemble and fix the following purposed-made Anodized powder coated aluminium windows including 5mm glazing in wash leather and matching iron mongery and furniture and finishing to reveals in (1:4) mortar.</u>				
B	Window size 1200x1500mm high	No.	5		
C	Window size 1500x800mm high	No.	2		
D	Window size 1200x800mm high	No.	8		
E	Window size 1200x500mm high	No.	10		
	<u>In-wrot mahogany</u>				
F	125x25mm window board, plugged, screwed and pelleted	LM	31		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
G	20x20mm quadrant beading plugged <u>Anodized brass coated aluminium:</u>	LM	31		
H	Heavy duty overlapping double curtain rail complete with rollers, clips and stopped ends	LM	31		
	TOTAL CARRIED TO THE END OF SECTION 2	US\$			
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u> <u>SECTION 2: BLOCK A - COURT OF APPEALS</u> <u>ELEMENT NO. 7</u> <u>DOORS</u> <u>50mm thick mahogany panel doors to Project Manager/Architect's approval</u>				
A	50mm thick door overall size 1500x2100mm high	No.	2		
B	Ditto but 1000x2100mm high <u>45mm thick solid core flush door to B.S 459: parts faced both sides with 6mm mahogany veneered plywood and lipped on all edges in hardwood, including all planted moulding</u>	No.	2		
C	Ditto but 900x2100mm high <u>In-wrot mahogany</u>	No.	7		
C	150x50mm moulded door frame with 4 labours including fixing dowels and cramps	LM	58		
D	50x25mm architrave	LM	58		
E	25mm quadrant <u>Painting and decoration</u> <u>Knot, prime, stop and apply 3coats polyurethane clear vanish:</u>	LM	58		
F	General surface of doors internally	SM	24		
G	General surface of doors externally	SM	24		
H	Wooden surface 200 - 300mm girth	LM	58		
I	Wooden surface 0 - 100mm girth	LM	58		

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ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	INTERNAL PLUMBING				
	<u>Supply, deliver and install PPR pipes and fittings for sizes upto 2" - SDR 13.5 and for sizes above 2" upto 4"- Schedule 40 Bidders must allow in their pipework prices for all the couplings, connectors, joints etc.required in the running length of pipework and also where necessary, for pipe fixing clips, holderbats plugged and screwed, brackets and pipe sleeves through structural members.</u>				
	<u>Cold Water</u>				
A	40mm diameter PPR Pipes surface mounted	LM	14		
	<u>Extra over PPR tubing for the following:</u>				
B	40mm diameter PPR 90° elbow	No.	4		
	<u>Tees</u>				
C	40mm diameter PPR equal tee	No.	2		
	<u>Reducer Tees</u>				
D	40x32mm diameter PPR reducer coupling	No.	4		
	<u>Gate Valves</u>				
E	40mm dia approved high pressure screw- down full way non-rising stem solid wedge disc gate valve to BS 5154 PN 16 for Series B Rating with wheel head and joints to steel tubing. As "Crane Model 156 " or equal and approved	No.	2		
F	Water Check meter	No.	1		
G	Contingency sum for plumbing works	Item			
	<u>TOTAL CARRIED TO THE END OF SECTION 2</u>	US\$			

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<p><u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u></p> <p><u>SECTION 2: BLOCK A - COURT OF APPEALS</u></p> <p>ELEMENT NO. 9</p> <p>ELECTRICAL INSTALLATIONS & SERVICES</p> <p><i>Supply, install, test and commission the following:</i></p> <p>LIGHTING POINTS</p> <p>A Lighting point wired in 3 x 1.5mm² SC-PVC – Cu cables drawn in 20mm diameter HG PVC conduits concealed inside ceiling complete with all necessary accessories excluding switches and fittings.</p> <p>B Bell point points wired in 3x1.5mm 2 PVC insulated single core (SC) copper wires drawn in 20mm dia. HG PVC conduit</p> <p><i>10A moulded ivory switch plates as Crabtree or approved equivalent as follows:</i></p> <p>C Single pole switch</p> <p>D Two gang switch</p> <p>LIGHTING FITTINGS</p> <p><i>Light fitting complete with fixing accessories and lamps as follows:</i></p> <p>A 1200mm 1 x 36w Fluorescent batten fitting of slim cross-section with clip-on cover plate and adjustable end ca system. As Thorn Popular Pack Batten or approved equivalent</p> <p>B 10 A 3-plate ceiling mounted light fixture complete with rose, BC lamp holder and flexible cord.</p> <p>SOCKET OUTLETS AND POWER POINTS</p> <p>C Duplex receptacle point comprising wiring in 3 x 2.5mm²PVC-SCCu cables in concealed in 20mm HG PVC conduits.</p> <p>CONSUMER UNITS/DISTRIBUTION BOARDS</p> <p>D 8-way S/N consumer unit flush mounted on wall complete with a 100A SP/N integral isolator as CRABTREE or approved equivalent</p> <p><i>Single pole Miniature Circuit Breakers to fit into the above consumer unit as follows:</i></p> <p>E 5A SP</p> <p>F 20A SP</p> <p>G Blanking plates</p>	No.	52		
		No.	1		
		No.	8		
		No.	5		
		No.	49		
		No.	3		
		No.	13		
		No.	1		
		No.	1		
		No.	1		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	SUB-MAINS CABLES AND OTHER ITEMS				
A	3 X 16.0mm ² single-Core copper cables drawn inside HG conduits.	Item			
B	Meter box made from gauge 14swg galvanized steel sheet complete with bonding screws/bolts and viewing glass.	No.	1		
C	63A SP switch fuse (KMBG)	No.	1		
D	Manholes (600mmx450mm)	No.	1		
E	Electrical earthing comprising 6.0mm ² single-core copper cables drawn inside HG conduits, 1500mm by 15mm diameter copper electrode complete with clamp and a pre-cast concrete inspection pit with cover.	Item			
F	Door bell point wired in 3 x 1.5 sq.mm cables in conduit	No.	1		
G	Bell push as Crabtree or approved equivalent	No.	1		
H	Electric bell/chime to Project Manager/Architect's's approval	No.	1		
I	Contingency sum for electrical works	Item			
	<u>TOTAL CARRIED TO THE END OF SECTION 2</u>	US\$			

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u> <u>SECTION 2: BLOCK A - COURT OF APPEALS</u> <u>MAIN SUMMARY</u>					
<u>ELEMENT NO.</u>	<u>TITLE</u>		<u>PAGE</u>		
1	SUBSTRUCTURE		2/3		
2	REINFORCED CONCRETE FRAME		2/4		
3	WALLING		2/4		
4	ROOF CONSTRUCTION AND FINISHES		2/5		
5	FINISHES		2/7		
6	WINDOWS		2/8		
7	DOORS		2/9		
8	PLUMBING & DRAINAGE INSTALLATIONS		2/10		
9	ELECTRICAL INSTALLATIONS		2/12		
<u>TOTAL FOR SECTION 2 : BLOCK A - COURT OF APPEALS - CARRIED TO GRAND SUMMARY</u>		US\$			

BLOCK B – SUPREME COURT

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u> <u>SECTION 3: BLOCK B - SUPREME COURT</u> <u>ELEMENT NO. 1</u> <u>SUBSTRUCTURES (PROVISIONAL)</u> <u>Excavations including maintaining and supporting sides and keeping free from water, mud and fallen material</u>				
A	Clear the site of all shrubs, grass and excavate top vegetable soil average depth 200mm and deposit on site as directed	SM	355		
B	Excavate to reduce level overall depth not exceeding 1.5m deep	CM	107		
C	Excavate trench for foundation not exceeding 1.50 meters deep, starting from stripped levels	CM	103		
D	Extra over for rock excavations; trench foundation	CM	21		
E	Excavate for column base not exceeding 1.50 meters	CM	3		
F	Extra over for rock excavations; column base	CM	1		
	<u>Disposal</u>				
G	Return, fill and ram selected excavated material around foundations.	CM	25		
H	Load, wheel and cart deposit and spread surplus excavated material where directed on site at a distance not exceeding 100 meters	CM	107		
	<u>Hardcore or other approved filling, as described</u>				
I	300mm thick well compacted hardcore filling blinded with 25mm thick quarry dust layer to receive surface bed	CM	231		
	<u>Anti-termite treatment</u>				
J	Gladiator or equal and approved chemical anti-termite treatment, executed complete by an approved specialist under a ten-year guarantee, to surfaces of hard-core	SM	355		
	<u>Damp-proof membrane</u>				
K	1000 gauge polythene or other equal and approved damp-proof membrane, laid over blinded hardcore (m.s) with 300mm side and end laps (measured nett-allow for laps)	SM	355		
	<u>Plain concrete class 15 in:</u>				
L	50mm blinding under strip footing	SM	103		
M	50mm blinding under column bases	SM	3		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>Reinforced concrete class (20) as described, in:-</u>				
N	Strip footing	CM	7		
O	Column bases	CM	1		
P	Foundation columns	CM	1		
Q	150mm Thick surface bed laid in bays including all necessary formwork	SM	355		
	CARRIED TO COLLECTION AT END OF ELEMENT 1	US\$			
	<u>Reinforcement, as described:-[PROVISIONAL]</u>				
	<u>High yield square twisted reinforcement bars to B.S 4461</u>				
A	8mm bars	Kg	14		
B	10mm bars	Kg	1,297		
C	12mm bars	Kg	1,210		
D	16mm bars	Kg	40		
	<u>Mesh fabric reinforcement to B.S 4483 and setting in concrete with 300mm side and end laps (measured nett-allow for laps).</u>				
E	Fabric ref. A142 weighing 2.22kg/ sq.metre, in surface bed.	SM	355		
	<u>Sawn formwork as described to:-</u>				
F	To sides of strip footing	SM	71		
G	To sides of foundation columns	SM	6		
H	To sides of column base	SM	4		
I	To soffit of ramp	SM	47		
J	To edge of floor slab and ramb over 75mm but not exceeding 150mm high	LM	109		
	<u>Walling in natural coursed stone obtained from an approved quarry, bedded and jointed in gauged mortar (1:3)</u>				
K	200mm thick walling	SM	310		
	<u>Damp-proof courses, as described, to walls</u>				
L	200mm wide	LM	153		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
M	100mm wide	LM	13		
	CARRIED TO COLLECTION AT END OF ELEMENT 1	US\$			
	<u>ELEMENT NO. 1 COLLECTION</u>				
	FROM PAGE		3/1		
	FROM PAGE		Above		
	TOTAL CARRIED TO THE END OF SECTION 3	US\$			
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u>				
	<u>SECTION 3: BLOCK B - SUPREME COURT</u>				
	<u>ELEMENT NO. 2</u>				
	<u>REINFORCED CONCRETE FRAME</u>				
	<i><u>Reinforced concrete class 25, as described in:-</u></i>				
A	Beams	CM	27		
B	Columns	CM	1		
	<i><u>Reinforcement, as described (PROVISIONAL)</u></i>				
	<i><u>High yield square twisted reinforcement to BS 4461</u></i>				
C	8mm ditto	Kg	952		
D	10mm ditto	Kg	43		
E	12mm ditto	Kg	1,040		
F	16mm ditto	Kg	358		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>Sawn formwork, as described, to:-</u>				
G	Sides and soffits of beams	SM	342		
H	Sides of columns	SM	17		
	<u>TOTAL CARRIED TO THE END OF SECTION 3</u>	US\$			
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u>				
	<u>SECTION 3: BLOCK B - SUPREME COURT</u>				
	<u>ELEMENT NO. 3</u>				
	<u>WALLING</u>				
	<u>Natural hard approved machine cut quarry stone walling from approved quarry with a crushing strength of 5.0 N/mm² 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:</u>				
A	200mm thick walling externally	SM	250		
B	200mm thick walling internally	SM	381		
C	100mm thick walling internally	SM	28		
	<u>Partitioning</u>				
D	900mm high, wooden railing with and including the door	SM	9		
E	25mm primed and painted MS security grille with MS hinged security door, 50mm MS flat-bar framed to fabricator's details securely grouted into RC slab and adjacent masonry walls	SM	13		
F	500X25mm primed and painted MS security bars with 50mm MS flat-bar framework to fabricator's details; securely grouted into masonry wall	SM	1		
	<u>TOTAL CARRIED TO THE END OF SECTION 3</u>	US\$			

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<p><u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u></p> <p><u>SECTION 3: BLOCK B - SUPREME COURT</u></p> <p><u>ELEMENT NO. 4</u></p> <p><u>ROOF CONSTRUCTION AND FINISHES</u></p> <p><i><u>The following 6NO. in roof trusses(T2) with nailed or bolted connections including hoisting and fixing in position not exceeding 4.9 meters above ground floor level</u></i></p> <p><i><u>In sawn treated cypress Grade 2</u></i></p> <p>A 100x50mm King post LM 4</p> <p>B 150x50mm rafters LM 114</p> <p>C 100x50mm strut or tie LM 140</p> <p>D 100 x 50mm thick tie beam LM 106</p> <p>E 100x50mm wall plate fixed with and including 200mm long 12mm diameter rag bolts cast into beam at 1500mm centres LM 171</p> <p><i><u>The following 10NO. In roof trusses (T3) with nailed or bolted connections including hoisting and fixing in position not exceeding</u></i></p> <p><i><u>In sawn treated cypress Grade 2</u></i></p> <p>F 100x50mm King post LM 2</p> <p>G 150x50mm rafters LM 65</p> <p>H 100x50mm strut or tie LM 39</p> <p>I 100 x 50mm thick tie beam LM 50</p> <p><i><u>The following 10NO. In roof trusses (T4) with nailed or bolted connections including hoisting and fixing in position not exceeding</u></i></p> <p><i><u>In sawn treated cypress Grade 2</u></i></p> <p>J 100x50mm King post LM 4</p> <p>K 150x50mm rafters LM 142</p> <p>L 100x50mm strut or tie LM 140</p> <p>M 100 x 50mm thick tie beam LM 127</p>				

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
N	<u>Corrugated GI sheets gauge 32, fixed on celcurised cypress structure: 50x50mm Battens on 200X50mm Rafters @700mm on 100X50mm Wall-plate bolted @ 1200mm centres; structure to SE details. GI lining on ridges and cut-outs.</u> Roof covering not exceeding 2 degrees from the horizontal including all necessary fixtures <u>Rain water goods.</u>	SM	541		
O	32 gauge mild steel rain water box gutter 450mm girth one edge tucked under roof cover	LM	24		
P	800mm girth 32 gauge mild steel down pipe	LM	6		
Q	Extra over shoe	No.	2		
R	Extra over for swan	No.	2		
TOTAL CARRIED TO THE END OF SECTION 3		US\$			
<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u> <u>SECTION 3: BLOCK B - SUPREME COURT</u> <u>ELEMENT NO. 5</u> <u>FINISHES</u> <u>15 mm cement and sand (1:3) render, finished with woodfloat to:-</u>					
A	Concrete or masonry surfaces externally	SM	260		
	<u>12mm (minimum) two coat lime plaster as described to</u>				
B	Concrete or masonry surfaces internally	SM	1,143		
C	Wood stain finish to Project Manager/Architect's approval externally	SM	8		
	<u>Floor Finishes</u> <u>Cement and sand (1:3) screeds, backings, beds etc</u>				
D	20mm thick screed to receive floor tiles	SM	320		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>Ceramic floor tiles</u>				
E	300mm x 300mm non-ceramic floor tiles	SM	320		
F	100mm High skirting	LM	278		
	<u>Ceiling finishes</u>				
G	25mm thick acoustic ceiling boards on T-grid MS runners on MS hangers; installation to manufacturer's specifications.	SM	238		
H	12mm Thick chip-boarding ceiling on 50X50mm cypress brandering 50X50mm cypress.	SM	82		
I	100x25mm cornice plugged	LM	305		
	<u>Steel handrail</u>				
J	900mm high chrome plated steel handrail on M.S balustrades to fabricators detail	LM	32		
	<u>Painting and decorating</u>				
	<u>Prepare and apply three coats first quality emulsion paint on:-</u>				
K	Plastered walls externally	SM	260		
	<u>Prepare and apply three coats first quality silk vinyl emulsion paint on:-</u>				
L	Plastered surfaces internally	SM	1,143		
	<u>Prepare and apply three coats first quality emulsion paint on:-</u>				
M	900mm high, wooden railing with and including the door	SM	8		
N	Chipboard ceiling	SM	238		
O	100X25mm cornice plugged	LM	305		
	<u>Prepare and apply three coats matt gloss paint to steel grill:</u>				
P	900mm high chrome plated steel handrail on M.S balustrades both sides	SM	56		
TOTAL CARRIED TO THE END OF SECTION 3		US\$			

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u> <u>SECTION 3: BLOCK B - SUPREME COURT</u> <u>ELEMENT NO. 6</u> <u>WINDOWS</u> <u>Precast concrete class 20 fair faced all exposed surfaces bedded and jointed cement and sand (1:4 mortar)</u> A In-situ moulded concrete window cill size 250X560mm thick weathered and throated and jointed in mortar (1:4) <u>Aluminium windows</u> <u>Supply, assemble and fix the following purposed-made Anodized powder coated aluminium windows including 5mm glazing in wash leather and matching iron mongery and furniture and finishing to reveals in (1:4) mortar.</u> B Window size 1200x1500mm high C Window size 1200x800mm high D Window size 1200x500mm high E Window size 500x800mm high <u>In-wrot mahogany</u> F 125x25mm window board, plugged, scrwed and pelleted G 20x20mm quardrant beading plugged <u>Anodized brass coated aluminium:</u> H Heavy duty overlapping double curtain rail complete with rollers, clips and stopped ends	LM	36		
		No.	9		
		No.	8		
		No.	9		
		No.	10		
		LM	36		
		LM	36		
		LM	36		
	TOTAL CARRIED TO THE END OF SECTION 3	US\$			

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u> <u>SECTION 3: BLOCK B - SUPREME COURT</u> <u>ELEMENT NO. 7</u> <u>DOORS</u> <u>50mm thick mahogany panel doors to Project Manager/Architect's approval</u>				
A	50mm thick door overall size 2000x2100mm high	No.	2		
B	Ditto overall size 1200x2100mm high	No.	1		
C	Ditto but 1000x2100mm high	No.	2		
	<u>45mm thick solid core flush door to B.S 459: parts</u> <u>faced both sides with 6mm mahogany veneered plywood</u> <u>and lipped on all edges in hardwood, including all</u> <u>planted moulding</u>				
D	Overall size 900x2100mm high	No.	13		
E	Ditto 800x2100mm high	No.	8		
	<u>In-wrot mahogany</u>				
F	150x50mm moulded door frame with 4 labours including fixing dowels and cramps	LM	108		
G	50x25mm architrave	LM	108		
H	25mm quadrant	LM	108		
	<u>Painting and decoration</u> <u>Knot, prime, stop and apply 3coats polyurethane clear vanish:</u>				
I	General surface of doors internally	SM	50		
J	General surface of doors externally	SM	50		
K	Wooden surface 200 - 300mm girth	LM	108		
L	Wooden surface 0 - 100mm girth	LM	108		
	<u>Supply delivery and fix the following ironmongery</u> <u>with matching screws</u>				
M	In pairs, 100 x50mm medium duty brass butt hinges	PR	39		
N	5level mortise door lock	No	26		
O	Rubber door stop plugged to concrete floor	No	34		
	TOTAL CARRIED TO THE END OF SECTION 3	US\$			

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<p><u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u></p> <p><u>SECTION 3: BLOCK B - SUPREME COURT</u></p> <p><u>SANITARY WARE</u></p> <p><i><u>Take delivery and Install Only the following appliances</u></i></p> <p><i><u>WC suite</u></i></p> <p>A Twyforde REFRESH HO washdown WC suite in white vitreous china with box flushing rim, EN 1148WH complete with ENTICE cistern, EN2561 and flush assembly , 4/6 L BSIO dual flush with CP push button EN2561WH, seat & cover EN 7860</p> <p><i><u>Vanity Wash-hand basin</u></i></p> <p>B White countertop wash- hand basin size 500x410mm with one central taphole,.Basin to be as Twyforde Refresh</p> <p>C 32mm trap</p> <p><i><u>Angle Valves</u></i></p> <p>D 1/2" Chrome plated angle regulating valve with 350 mm long service connection</p> <p><i><u>Testing & Commissioning</u></i></p> <p>E Allow for setting to work, testing and commissioning.</p> <p><u>INTERNAL PLUMBING</u></p> <p><i><u>Supply, deliver and install PPR pipes and fittings for sizes upto 2" - SDR 13.5 and for sizes above 2" upto 4"- Schedule 40 Bidders must allow in their pipework prices for all the couplings, connectors, joints etc.required in the running length of pipework and also where necessary, for pipe fixing clips, holderbats plugged and screwed, brackets and pipe sleeves through structural members.</u></i></p> <p><i><u>Cold Water</u></i></p> <p>A 50mm diameter PPR Pipes surface mounted</p> <p><i><u>Extra over PPR tubing for the following:</u></i></p> <p>B 50mm diameter PPR 90° elbow</p> <p>C 40mm diameter PPR 90° elbow</p> <p><i><u>Tees</u></i></p> <p>D 50mm diameter PPR equal tee</p> <p>E 40mm diameter PPR equal tee</p>	No.	10		
		No.	10		
		No.	10		
		No.	1		
		Item			
		LM	41		
		No.	2		
		No.	2		
		No.	13		
		No.	8		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>Reducer Tees</u>				
F	50x42mm diameter PPR reducer coupling	No.	13		
G	40x32mm diameter PPR reducer coupling	No.	8		
	<u>Gate Valves</u>				
H	40mm dia approved high pressure screw- down full way non-rising stem solid wedge disc gate valve to BS 5154 PN 16 for Series B Rating with wheel head and joints to steel tubing. As "Crane Model 156 " or equal and approved	No.	3		
I	Water Check meter	No.	1		
J	Contingency sum for plumbing works	Item			
	<u>TOTAL CARRIED TO THE END OF SECTION 3</u>	US\$			

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<p><u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u></p> <p><u>SECTION 3: BLOCK B - SUPREME COURT</u></p> <p><u>ELEMENT NO. 9</u></p> <p><i><u>Supply, install, test and commission the following:</u></i></p> <p>LIGHTING POINTS</p> <p>A Lighting point wired in 3 x 1.5mm² SC-PVC – Cu cables drawn in 20mm diameter HG PVC conduits concealed inside ceiling complete with all necessary accessories excluding switches and fittings.</p> <p>B Bell point points wired in 3x1.5mm² PVC insulated single core (SC) copper wires drawn in 20mm dia. HG PVC conduit</p> <p>10A moulded ivory switch plates as Crabtree or approved equivalent as follows:</p> <p>C Single pole switch</p> <p>D Two gang switch</p> <p>LIGHTING FITTINGS</p> <p>Light fitting complete with fixing accessories and lamps as follows:</p> <p>A 1200mm 1 x 36w Fluorescent batten fitting of slim cross-section with clip-on cover plate and adjustable end ca system. As Thorn Popular Pack Batten or approved equivalent</p> <p>B 10 A 3-plate ceiling mounted light fixture complete with rose, BC lamp holder and flexible cord.</p> <p>SOCKET OUTLETS AND POWER POINTS</p> <p>C Duplex receptacle point comprising wiring in 3 x 2.5mm²PVC-SCCu cables in concealed in 20mm HG PVC conduits.</p> <p>CONSUMER UNITS/DISTRIBUTION BOARDS</p> <p>D 8-way S/N consumer unit flush mounted on wall complete with a 100A SP/N integral isolator as CRABTREE or approved equivalent</p> <p>Single pole Miniature Circuit Breakers to fit into the above consumer unit as follows:</p> <p>E 5A SP</p> <p>F 20A SP</p> <p>G Blanking plates</p>	No.	67		
		No.	1		
		No.	16		
		No.	4		
		No.	62		
		No.	5		
		No.	13		
		No.	1		
		No.	1		
		No.	1		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	SUB-MAINS CABLES AND OTHER ITEMS				
A	3 X 16.0mm2 single-Core copper cables drawn inside HG conduits.	Item			
B	Door bell point wired in 3 x 1.5 sq.mm cables in conduit	No.	1		
C	Bell push as Crabtree or approved equivalent	No.	1		
D	Electric bell/chime to Project Manager/Architect's's approval	No.	1		
E	Contingency sum for electrical works	Item			
	<u>TOTAL CARRIED TO THE END OF SECTION 3</u>	US\$			

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u>	No.			
	<u>SECTION 3: BLOCK B - SUPREME COURT</u>				
	<u>MAIN SUMMARY</u>				
	1 SUBSTRUCTURE		3/3		
	2 REINFORCED CONCRETE FRAME		3/4		
	3 WALLING		3/4		
	4 ROOF CONSTRUCTION AND FINISHES		3/6		
	5 FINISHES		3/7		
	6 WINDOWS		3/8		
	7 DOORS		3/9		
	8 PLUMBING & DRAINAGE INSTALLATIONS		3/11		
	9 ELECTRICAL INSTALLATIONS		3/13		
	<u>TOTAL FOR SECTION 3 : BLOCK B - SUPREME COURT -</u> <u>CARRIED TO GRAND SUMMARY</u>				

BLOCK C – REGIONAL COURT

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u> <u>SECTION 4: BLOCK C - REGIONAL COURT</u> <u>ELEMENT NO. 1</u> <u>SUBSTRUCTURES (PROVISIONAL)</u> <u>Excavations including maintaining and supporting sides and keeping free from water, mud and fallen material</u>				
A	Clear the site of all shrubs, grass and excavate top vegetable soil average depth 200mm and deposit on site as directed	SM	355		
B	Excavate to reduce level overall depth not exceeding 1.5m deep	CM	107		
C	Excavate trench for foundation not exceeding 1.50 meters deep, starting from stripped levels	CM	103		
D	Extra over for rock excavations; trench foundation	CM	21		
E	Excavate for column base not exceeding 1.50 meters	CM	3		
F	Extra over for rock excavations; column base	CM	1		
	<u>Disposal</u>				
G	Return, fill and ram selected excavated material around foundations.	CM	25		
H	Load, wheel and cart deposit and spread surplus excavated material where directed on site at a distance not exceeding 100 meters	CM	107		
	<u>Hardcore or other approved filling, as described</u>				
I	300mm thick well compacted hardcore filling blinded with 25mm thick quarry dust layer to receive surface bed	CM	231		
	<u>Anti-termite treatment</u>				
J	Gladiator or equal and approved chemical anti-termite treatment, executed complete by an approved specialist under a ten-year guarantee, to surfaces of hard-core	SM	355		
	<u>Damp-proof membrane</u>				
K	1000 gauge polythene or other equal and approved damp-proof membrane, laid over blinded hardcore (m.s) with 300mm side and end laps (measured nett-allow for laps)	SM	355		
	<u>Plain concrete class 15 in:</u>				
L	50mm blinding under strip footing	SM	103		
M	50mm blinding under column bases	SM	3		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>Reinforced concrete class (20) as described, in:-</u>				
N	Strip footing	CM	7		
O	Column bases	CM	1		
P	Foundation columns	CM	1		
Q	150mm Thick surface bed laid in bays including all necessary formwork	SM	355		
	CARRIED TO COLLECTION AT END OF ELEMENT 1	US\$			
	<u>Reinforcement, as described:-[PROVISIONAL]</u>				
	<u>High yield square twisted reinforcement bars to B.S 4461</u>				
A	8mm bars	Kg	14		
B	10mm bars	Kg	1,297		
C	12mm bars	Kg	1,210		
D	16mm bars	Kg	40		
	<u>Mesh fabric reinforcement to B.S 4483 and setting in concrete with 300mm side and end laps (measured nett-allow for laps).</u>				
E	Fabric ref. A142 weighing 2.22kg/ sq.metre, in surface bed.	SM	355		
	<u>Sawn formwork as described to:-</u>				
F	To sides of strip footing	SM	71		
G	To sides of foundation columns	SM	6		
H	To sides of column base	SM	4		
I	To soffit of ramp	SM	47		
J	To edge of floor slab and ramb over 75mm but not exceeding 150mm high	LM	109		
	<u>Walling in natural coursed stone obtained from an approved quarry, bedded and jointed in gauged mortar (1:3)</u>				
K	200mm thick walling	SM	310		
	<u>Damp-proof courses, as described, to walls</u>				
L	200mm wide	LM	153		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
M	100mm wide	LM	13		
	CARRIED TO COLLECTION AT END OF ELEMENT 1	US\$			
	<u>ELEMENT NO. 1 COLLECTION</u>				
	FROM PAGE		4/1		
	FROM PAGE		Above		
	TOTAL CARRIED TO THE END OF SECTION 4	US\$			
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u>				
	<u>SECTION 4: BLOCK C - REGIONAL COURT</u>				
	<u>ELEMENT NO. 2</u>				
	<u>REINFORCED CONCRETE FRAME</u>				
	<i><u>Reinforced concrete class 25, as described in:-</u></i>				
A	Beams	CM	27		
B	Columns	CM	1		
	<i><u>Reinforcement, as described (PROVISIONAL)</u></i>				
	<i><u>High yield square twisted reinforcement to BS 4461</u></i>				
C	8mm ditto	Kg	952		
D	10mm ditto	Kg	43		
E	12mm ditto	Kg	1,040		
F	16mm ditto	Kg	358		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>Sawn formwork, as described, to:-</u>				
G	Sides and soffits of beams	SM	342		
H	Sides of columns	SM	17		
	<u>TOTAL CARRIED TO THE END OF SECTION 4</u>	US\$			
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u>				
	<u>SECTION 4: BLOCK C - REGIONAL COURT</u>				
	<u>ELEMENT NO. 3</u>				
	<u>WALLING</u>				
	<u>Natural hard approved machine cut quarry stone walling from approved quarry with a crushing strength of 5.0 N/mm² 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:</u>				
A	200mm thick walling externally	SM	250		
B	200mm thick walling internally	SM	381		
C	100mm thick walling internally	SM	28		
	<u>Partitioning</u>				
D	900mm high, wooden railing with and including the door	SM	9		
E	25mm primed and painted MS security grille with MS hinged security door, 50mm MS flat-bar framed to fabricator's details securely grouted into RC slab and adjacent masonry walls	SM	13		
F	500X25mm primed and painted MS security bars with 50mm MS flat-bar framework to fabricator's details; securely grouted into masonry wall	SM	1		
	<u>TOTAL CARRIED TO THE END OF SECTION 4</u>	US\$			

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<p><u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u></p> <p><u>SECTION 4: BLOCK C - REGIONAL COURT</u></p> <p><u>ELEMENT NO. 4</u></p> <p><u>ROOF CONSTRUCTION AND FINISHES</u></p> <p><i><u>The following 6NO. in roof trusses(T2) with nailed or bolted connections including hoisting and fixing in position not exceeding 4.9 meters above ground floor level</u></i></p> <p><i><u>In sawn treated cypress Grade 2</u></i></p> <p>A 100x50mm King post LM 4</p> <p>B 150x50mm rafters LM 114</p> <p>C 100x50mm strut or tie LM 140</p> <p>D 100 x 50mm thick tie beam LM 106</p> <p>E 100x50mm wall plate fixed with and including 200mm long 12mm diameter rag bolts cast into beam at 1500mm centres LM 171</p> <p><i><u>The following 10NO. In roof trusses (T3) with nailed or bolted connections including hoisting and fixing in position not exceeding</u></i></p> <p><i><u>In sawn treated cypress Grade 2</u></i></p> <p>F 100x50mm King post LM 2</p> <p>G 150x50mm rafters LM 65</p> <p>H 100x50mm strut or tie LM 39</p> <p>I 100 x 50mm thick tie beam LM 50</p> <p><i><u>The following 10NO. In roof trusses (T4) with nailed or bolted connections including hoisting and fixing in position not exceeding</u></i></p> <p><i><u>In sawn treated cypress Grade 2</u></i></p> <p>J 100x50mm King post LM 4</p> <p>K 150x50mm rafters LM 142</p> <p>L 100x50mm strut or tie LM 140</p> <p>M 100 x 50mm thick tie beam LM 127</p>				

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
N	<u>Corrugated GI sheets gauge 32, fixed on celcurised cypress structure: 50x50mm Battens on 200X50mm Rafters @700mm on 100X50mm Wall-plate bolted @ 1200mm centres; structure to SE details. GI lining on ridges and cut-outs.</u> Roof covering not exceeding 2 degrees from the horizontal including all necessary fixtures <u>Rain water goods.</u>	SM	541		
O	32 gauge mild steel rain water box gutter 450mm girth one edge tucked under roof cover	LM	24		
P	800mm girth 32 gauge mild steel down pipe	LM	6		
Q	Extra over shoe	No.	2		
R	Extra over for swan	No.	2		
TOTAL CARRIED TO THE END OF SECTION 4		US\$			
<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u> <u>SECTION 4: BLOCK C - REGIONAL COURT</u> <u>ELEMENT NO. 5</u> <u>FINISHES</u> <u>15 mm cement and sand (1:3) render, finished with woodfloat to:-</u>					
A	Concrete or masonry surfaces externally	SM	260		
	<u>12mm (minimum) two coat lime plaster as described to</u>				
B	Concrete or masonry surfaces internally	SM	1,143		
C	Wood stain finish to Project Manager/Architect's approval externally	SM	8		
	<u>Floor Finishes</u> <u>Cement and sand (1:3) screeds, backings, beds etc</u>				
D	20mm thick screed to receive floor tiles	SM	320		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>Ceramic floor tiles</u>				
E	300mm x 300mm non-ceramic floor tiles	SM	320		
F	100mm High skirting	LM	278		
	<u>Ceiling finishes</u>				
G	25mm thick acoustic ceiling boards on T-grid MS runners on MS hangers; installation to manufacturer's specifications.	SM	238		
H	12mm Thick chip-boarding ceiling on 50X50mm cypress brandering 50X50mm cypress.	SM	82		
I	100x25mm cornice plugged	LM	305		
	<u>Steel handrail</u>				
J	900mm high chrome plated steel handrail on M.S balustrades to fabricators detail	LM	32		
	<u>Painting and decorating</u>				
	<u>Prepare and apply three coats first quality emulsion paint on:-</u>				
K	Plastered walls externally	SM	260		
	<u>Prepare and apply three coats first quality silk vinyl emulsion paint on:-</u>				
L	Plastered surfaces internally	SM	1,143		
	<u>Prepare and apply three coats first quality emulsion paint on:-</u>				
M	900mm high, wooden railing with and including the door	SM	8		
N	Chipboard ceiling	SM	238		
O	100X25mm cornice plugged	LM	305		
	<u>Prepare and apply three coats matt gloss paint to steel grill:</u>				
P	900mm high chrome plated steel handrail on M.S balustrades both sides	SM	56		
TOTAL CARRIED TO THE END OF SECTION 4		US\$			

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u> <u>SECTION 4: BLOCK C - REGIONAL COURT</u> <u>ELEMENT NO. 6</u> <u>WINDOWS</u> <u>Precast concrete class 20 fair faced all exposed surfaces bedded and jointed cement and sand (1:4 mortar)</u> A In-situ moulded concrete window cill size 250X560mm thick weathered and throated and jointed in mortar (1:4) <u>Aluminium windows</u> <u>Supply, assemble and fix the following purposed-made Anodized powder coated aluminium windows including 5mm glazing in wash leather and matching iron mongery and furniture and finishing to reveals in (1:4) mortar.</u> B Window size 1200x1500mm high C Window size 1200x800mm high D Window size 1200x500mm high E Window size 500x800mm high <u>In-wrot mahogany</u> F 125x25mm window board, plugged, scrwed and pelleted G 20x20mm quardrant beading plugged <u>Anodized brass coated aluminium:</u> H Heavy duty overlapping double curtain rail complete with rollers, clips and stopped ends	LM	36		
		No.	9		
		No.	8		
		No.	9		
		No.	10		
		LM	36		
		LM	36		
		LM	36		
	TOTAL CARRIED TO THE END OF SECTION 4	US\$			

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u> <u>SECTION 4: BLOCK C - REGIONAL COURT</u> <u>ELEMENT NO. 7</u> <u>DOORS</u> <u>50mm thick mahogany panel doors to Project Manager/Architect's approval</u>				
A	50mm thick door overall size 2000x2100mm high	No.	2		
B	Ditto overall size 1200x2100mm high	No.	1		
C	Ditto but 1000x2100mm high	No.	2		
	<u>45mm thick solid core flush door to B.S 459: parts</u> <u>faced both sides with 6mm mahogany veneered plywood</u> <u>and lipped on all edges in hardwood, including all</u> <u>planted moulding</u>				
D	Overall size 900x2100mm high	No.	13		
E	Ditto 800x2100mm high	No.	8		
	<u>In-wrot mahogany</u>				
F	150x50mm moulded door frame with 4 labours including fixing dowels and cramps	LM	108		
G	50x25mm architrave	LM	108		
H	25mm quadrant	LM	108		
	<u>Painting and decoration</u> <u>Knot, prime, stop and apply 3coats polyurethane clear vanish:</u>				
I	General surface of doors internally	SM	50		
J	General surface of doors externally	SM	50		
K	Wooden surface 200 - 300mm girth	LM	108		
L	Wooden surface 0 - 100mm girth	LM	108		
	<u>Supply delivery and fix the following ironmongery</u> <u>with matching screws</u>				
M	In pairs, 100 x50mm medium duty brass butt hinges	PR	39		
N	5level mortise door lock	No	26		
O	Rubber door stop plugged to concrete floor	No	34		
	TOTAL CARRIED TO THE END OF SECTION 4	US\$			

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<p><u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u></p> <p><u>SECTION 4: BLOCK C - REGIONAL COURT</u></p> <p><u>SANITARY WARE</u></p> <p><i><u>Take delivery and Install Only the following appliances</u></i></p> <p><i><u>WC suite</u></i></p> <p>A TwyforDs REFRESH HO washdown WC suite in white vitreous china with box flushing rim, EN 1148WH complete with ENTICE cistern, EN2561 and flush assembly , 4/6 L BSIO dual flush with CP push button EN2561WH, seat & cover EN 7860</p> <p><i><u>Vanity Wash-hand basin</u></i></p> <p>B White countertop wash- hand basin size 500x410mm with one central taphole,.Basin to be as TwyforDs Refresh</p> <p>C 32mm trap</p> <p><i><u>Angle Valves</u></i></p> <p>D 1/2" Chrome plated angle regulating valve with 350 mm long service connection</p> <p><i><u>Testing & Commissioning</u></i></p> <p>E Allow for setting to work, testing and commissioning.</p> <p><u>INTERNAL PLUMBING</u></p> <p><i><u>Supply, deliver and install PPR pipes and fittings for sizes upto 2" - SDR 13.5 and for sizes above 2" upto 4"- Schedule 40 Bidders must allow in their pipework prices for all the couplings, connectors, joints etc.required in the running length of pipework and also where necessary, for pipe fixing clips, holderbats plugged and screwed, brackets and pipe sleeves through structural members.</u></i></p> <p><i><u>Cold Water</u></i></p> <p>A 50mm diameter PPR Pipes surface mounted</p> <p><i><u>Extra over PPR tubing for the following:</u></i></p> <p>B 50mm diameter PPR 90° elbow</p> <p>C 40mm diameter PPR 90° elbow</p> <p><i><u>Tees</u></i></p> <p>D 50mm diameter PPR equal tee</p> <p>E 40mm diameter PPR equal tee</p>	No.	10		
		No.	10		
		No.	10		
		No.	1		
		Item			
		LM	41		
		No.	2		
		No.	2		
		No.	13		
		No.	8		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>Reducer Tees</u>				
F	50x42mm diameter PPR reducer coupling	No.	13		
G	40x32mm diameter PPR reducer coupling	No.	8		
	<u>Gate Valves</u>				
H	40mm dia approved high pressure screw- down full way non-rising stem solid wedge disc gate valve to BS 5154 PN 16 for Series B Rating with wheel head and joints to steel tubing. As "Crane Model 156 " or equal and approved	No.	3		
I	Water Check meter	No.	1		
J	Contingency sum for plumbing works	Item			
	<u>TOTAL CARRIED TO THE END OF SECTION 4</u>	US\$			

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<p><u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u></p> <p><u>SECTION 4: BLOCK C - REGIONAL COURT</u></p> <p><u>ELEMENT NO. 9</u></p> <p><i><u>Supply, install, test and commission the following:</u></i></p> <p>LIGHTING POINTS</p> <p>A Lighting point wired in 3 x 1.5mm² SC-PVC – Cu cables drawn in 20mm diameter HG PVC conduits concealed inside ceiling complete with all necessary accessories excluding switches and fittings.</p> <p>B Bell point points wired in 3x1.5mm² PVC insulated single core (SC) copper wires drawn in 20mm dia. HG PVC conduit</p> <p>10A moulded ivory switch plates as Crabtree or approved equivalent as follows:</p> <p>C Single pole switch</p> <p>D Two gang switch</p> <p>LIGHTING FITTINGS</p> <p>Light fitting complete with fixing accessories and lamps as follows:</p> <p>A 1200mm 1 x 36w Fluorescent batten fitting of slim cross-section with clip-on cover plate and adjustable end ca system. As Thorn Popular Pack Batten or approved equivalent</p> <p>B 10 A 3-plate ceiling mounted light fixture complete with rose, BC lamp holder and flexible cord.</p> <p>SOCKET OUTLETS AND POWER POINTS</p> <p>C Duplex receptacle point comprising wiring in 3 x 2.5mm²PVC-SCCu cables in concealed in 20mm HG PVC conduits.</p> <p>CONSUMER UNITS/DISTRIBUTION BOARDS</p> <p>D 8-way S/N consumer unit flush mounted on wall complete with a 100A SP/N integral isolator as CRABTREE or approved equivalent</p> <p>Single pole Miniature Circuit Breakers to fit into the above consumer unit as follows:</p> <p>E 5A SP</p> <p>F 20A SP</p> <p>G Blanking plates</p>	No.	67		
		No.	1		
		No.	16		
		No.	4		
		No.	62		
		No.	5		
		No.	13		
		No.	1		
		No.	1		
		No.	1		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	SUB-MAINS CABLES AND OTHER ITEMS				
A	3 X 16.0mm2 single-Core copper cables drawn inside HG conduits.	Item			
B	Door bell point wired in 3 x 1.5 sq.mm cables in conduit	No.	1		
C	Bell push as Crabtree or approved equivalent	No.	1		
D	Electric bell/chime to Project Manager/Architect's's approval	No.	1		
E	Contingency sum for electrical works	Item			
	<u>TOTAL CARRIED TO THE END OF SECTION 4</u>	US\$			

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u>				
	<u>SECTION 4: BLOCK C - REGIONAL COURT</u>				
	<u>MAIN SUMMARY</u>				
	1	SUBSTRUCTURE		4/3	
	2	REINFORCED CONCRETE FRAME		4/4	
	3	WALLING		4/4	
	4	ROOF CONSTRUCTION AND FINISHES		4/6	
	5	FINISHES		4/7	
	6	WINDOWS		4/8	
	7	DOORS		4/9	
	8	PLUMBING & DRAINAGE INSTALLATIONS		4/11	
	9	ELECTRICAL INSTALLATIONS		4/13	
	<u>TOTAL FOR SECTION 4 : BLOCK C - REGIONAL COURT -</u> <u>CARRIED TO GRAND SUMMARY</u>				
		No.			

BLOCK D – OFFICES 1

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u> <u>SECTION 5: BLOCK D - OFFICES 1</u> <u>ELEMENT NO. 1</u> <u>SUBSTRUCTURES (PROVISIONAL)</u> <u>Excavations including maintaining and supporting sides and keeping free from water, mud and fallen material</u>				
A	Clear the site of all shrubs, grass and excavate top vegetable soil average depth 200mm and deposit on site as directed	SM	132		
B	Excavate to reduce level overall depth not exceeding 1.5m deep	CM	40		
C	Excavate trench for foundation not exceeding 1.50 meters deep, starting from stripped levels	CM	55		
D	Extra over for rock excavations; trench foundation	CM	11		
E	Excavate for column base not exceeding 1.50 meters	CM	10		
F	Extra over for rock excavations; column base	CM	2		
	<u>Disposal</u>				
G	Return, fill and ram selected excavated material around foundations.	CM	78		
H	Load, wheel and cart deposit and spread surplus excavated material where directed on site at a distance not exceeding 100 meters	CM	40		
	<u>Hardcore or other approved filling, as described</u>				
I	300mm thick well compacted hardcore filling blinded with 25mm thick quarry dust layer to receive surface bed	CM	72		
	<u>Anti-termite treatment</u>				
J	Gladiator or equal and approved chemical anti-termite treatment, executed complete by an approved specialist under a ten-year guarantee, to surfaces of hard-core	SM	132		
	<u>Damp-proof membrane</u>				
K	1000 gauge polythene or other equal and approved damp-proof membrane, laid over blinded hardcore (m.s) with 300mm side and end laps (measured nett-allow for laps)	SM	132		
	<u>Plain concrete class 15 in:</u>				
L	50mm blinding under strip footing	SM	47		
M	50mm blinding under column bases	SM	8		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>Reinforced concrete class (20) as described, in:-</u>				
N	Strip footing	CM	4		
O	Column bases	CM	2		
P	Foundation columns	CM	1		
Q	150mm Thick surface bed laid in bays including all necessary formwork	SM	132		
	CARRIED TO COLLECTION AT END OF ELEMENT 1	US\$			
	<u>Reinforcement, as described:-[PROVISIONAL]</u>				
	<u>High yield square twisted reinforcement bars to B.S 4461</u>				
A	8mm bars	Kg	35		
B	10mm bars	Kg	225		
C	12mm bars	Kg	258		
D	16mm bars	Kg	156		
	<u>Mesh fabric reinforcement to B.S 4483 and setting in concrete with 300mm side and end laps (measured nett-allow for laps).</u>				
E	Fabric ref. A142 weighing 2.22kg/ sq.metre, in surface bed.	SM	132		
	<u>Sawn formwork as described to:-</u>				
F	To sides of strip footing	SM	36		
G	To sides of foundation columns	SM	20		
H	To sides of column base	SM	10		
I	To edge of floor slab over 75mm but not exceeding 150mm high	LM	56		
	<u>Walling in natural coursed stone obtained from an approved quarry, bedded and jointed in gauged mortar (1:3)</u>				
J	200mm thick walling	SM	185		
	<u>Damp-proof courses, as described, to walls</u>				
K	200mm wide	LM	85		
	CARRIED TO COLLECTION AT END OF ELEMENT 1	US\$			

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>ELEMENT NO. 1 COLLECTION</u>				
	FROM PAGE		5/1		
	FROM PAGE		Above		
	TOTAL CARRIED TO THE END OF SECTION 5	US\$			
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u>				
	<u>SECTION 5: BLOCK D - OFFICES 1</u>				
	<u>ELEMENT NO. 2</u>				
	<u>REINFORCED CONCRETE FRAME</u>				
	<i>Reinforced concrete class 25, as described in:-</i>				
A	Beams and ring beam	CM	16		
B	Columns	CM	3		
	<i>Reinforcement, as described (PROVISIONAL)</i>				
	<i>High yield square twisted reinforcement to BS 4461</i>				
C	8mm ditto	Kg	347		
D	10mm ditto	Kg	84		
E	12mm ditto	Kg	385		
F	16mm ditto	Kg	845		
	<i>Sawn formwork, as described, to:-</i>				
G	Sides and soffits of beams	SM	194		
H	Sides of columns	SM	37		
	<u>TOTAL CARRIED TO THE END OF SECTION 5</u>	US\$			

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u> <u>SECTION 5: BLOCK D - OFFICES 1</u> <u>ELEMENT NO. 3</u> <u>WALLING</u> <i><u>Natural hard approved machine cut quarry stone walling from approved quarry with a crushing strength of 5.0 N/mm² 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:</u></i>				
A	200mm thick walling externally	SM	179		
B	200mm thick walling internally	SM	134		
	TOTAL CARRIED TO THE END OF SECTION 5	US\$			
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u> <u>SECTION 5: BLOCK D - OFFICES 1</u> <u>ELEMENT NO. 4</u> <u>ROOF CONSTRUCTION AND FINISHES</u> <i><u>The following 5NO. in roof trusses(T5) with nailed or bolted connections including hoisting and fixing in position not exceeding 4.9 meters above ground floor level</u></i> <i><u>In sawn treated cypress Grade 2</u></i>				
A	100x50mm King post	LM	4		
B	150x50mm rafters	LM	56		
C	100x50mm strut or tie	LM	72		
D	100 x 50mm thick tie beam	LM	49		
E	100x50mm wall plate fixed with and including 200mm long 12mm diameter rag bolts cast into beam at 1500mm centres	LM	91		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>The following 11NO. in roof trusses(T6) with nailed or bolted connections including hoisting and fixing in position not exceeding 4.9 meters above ground floor level</u>				
	<u>In sawn treated cypress Grade 2</u>				
F	100x50mm King post	LM	6		
G	150x50mm rafters	LM	86		
H	100x50mm strut or tie	LM	75		
I	100 x 50mm thick tie beam	LM	69		
	<u>Corrugated GI sheets gauge 32, fixed on celcurised cypress structure: 50x50mm Battens on 200X50mm Rafters @700mm on 100X50mm Wall-plate bolted @ 1200mm centres; structure to SE details. GI lining on ridges and cut-outs.</u>				
J	Roof covering not exceeding 5 degrees from the horizontal including all necessary fixtures <u>Rain water goods.</u>	SM	194		
K	32 gauge mild steel rain water box gutter 450mm girth one edge tucked under roof cover	LM	57		
L	800mm girth 32 gauge mild steel down pipe	LM	20		
M	Extra over shoe	No.	4		
N	Extra over for swan	No.	4		
	TOTAL CARRIED TO THE END OF SECTION 5	US\$			

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u> <u>SECTION 5: BLOCK D - OFFICES 1</u> <u>ELEMENT NO. 5</u> <u>FINISHES</u> <u>15 mm cement and sand (1:3) render, finished with woodfloat to:-</u>					
A	Concrete or masonry surfaces externally <u>12mm (minimum) two coat lime plaster as described to</u>	SM	244		
B	Concrete or masonry surfaces internally <u>Floor Finishes</u> <u>Cement and sand (1:3) screeds, backings, beds etc</u>	SM	446		
C	20mm thick screed to receive floor tiles <u>Ceramic floor tiles</u>	SM	121		
D	300mm x 300mm non-ceramic floor tiles	SM	121		
E	100mm High skirting <u>Ceiling finishes</u>	LM	112		
F	12mm Thick chip-boarding ceiling on 50X50mm cypress brandering 50X50mm cypress.	SM	121		
G	100x25mm cornice plugged <u>Painting and decorating</u> <u>Prepare and apply three coats first quality emulsion paint on:-</u>	LM	124		
H	Plastered walls externally <u>Prepare and apply three coats first quality silk vinyl emulsion paint on:-</u>	SM	244		
I	Plastered surfaces internally <u>Prepare and apply three coats first quality emulsion paint on:-</u>	SM	446		
J	Chipboard ceiling	SM	121		
K	100X25mm cornice plugged	LM	124		
TOTAL CARRIED TO THE END OF SECTION 5		US\$			

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u> <u>SECTION 5: BLOCK D - OFFICES 1</u> <u>ELEMENT NO. 6</u> <u>WINDOWS</u> <u>Precast concrete class 20 fair faced all exposed surfaces bedded and jointed cement and sand (1:4 mortar)</u> A In-situ moulded concrete window cill size 250X560mm thick weathered and throated and jointed in mortar (1:4) <u>Aluminium windows</u> <u>Supply, assemble and fix the following purposed-made Anodized powder coated aluminium windows including 5mm glazing in wash leather and matching iron mongery and furniture and finishing to reveals in (1:4) mortar.</u> B Window size 1600x1500mm high C Window size 1200x1500mm high D Window size 1000x500mm high E Window size 500x800mm high F Window size 6800x (1200mm - 600mm high) <u>In-wrot mahogany</u> G 125x25mm window board, plugged, scrwed and pelleted H 20x20mm quardrant beading plugged <u>Anodized brass coated aluminium:</u> I Heavy duty overlapping double curtain rail complete with rollers, clips and stopped ends	LM	30		
		No.	7		
		No.	8		
		No.	2		
		No.	1		
		No.	1		
		LM	30		
		LM	30		
		LM	30		
	TOTAL CARRIED TO THE END OF SECTION 5	US\$			

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u> <u>SECTION 5: BLOCK D - OFFICES 1</u> <u>ELEMENT NO. 7</u> <u>DOORS</u> <u>30mm thick mahogany panel doors to Project Manager/Architect's approval</u>				
A	Overall door size 1300x2100mm high <u>45mm thick solid core flush door to B.S 459: parts faced both sides with 6mm mahogany veneered plywood and lipped on all edges in hardwood, including all planted moulding</u>	No.	1		
B	Overall door size 900x2100mm high <u>In-wrot mahogany</u>	No.	6		
C	150x50mm moulded door frame with 4 labours including fixing dowels and cramps	LM	36		
D	50x25mm architrave	LM	36		
E	25mm quadrant <u>Painting and decoration</u> <u>Knot, prime, stop and apply 3coats polyurethane clear varnish:</u>	LM	36		
F	General surface of doors internally	SM	14		
G	General surface of doors externally	SM	14		
H	Wooden surface 200 - 300mm girth	LM	36		
I	Wooden surface 0 - 100mm girth <u>Supply delivery and fix the following ironmongery with matching screws</u>	LM	36		
J	In pairs, 100 x50mm medium duty brass butt hinges	PR	11		
K	5level mortise door lock	No	7		
L	Rubber door stop plugged to concrete floor	No	7		
	TOTAL CARRIED TO THE END OF SECTION 5	US\$			

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<p><u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u></p> <p><u>SECTION 5: BLOCK D - OFFICES 1</u></p> <p><u>ELEMENT NO. 8</u></p> <p><u>PLUMBING INSTALLATION & SERVICES</u></p> <p><u>SANITARY WARE</u></p> <p><i><u>Take delivery and Install Only the following appliances</u></i></p> <p><u>WC suite</u></p> <p>A Twyford's REFRESH HO washdown WC suite in white vitreous china with box flushing rim, EN 1148WH complete with ENTICE cistern, EN2561 and flush assembly, 4/6 L BSIO dual flush with CP push button EN2561WH, seat & cover EN 7860</p> <p><u>Vanity Wash-hand basin</u></p> <p>B White countertop wash- hand basin size 500x410mm with one central taphole,.Basin to be as Twyford's Refresh</p> <p>C 32mm trap</p> <p><u>Angle Valves</u></p> <p>D 1/2" Chrome plated angle regulating valve with 350 mm long service connection</p> <p><u>Testing & Commissioning</u></p> <p>E Allow for setting to work, testing and commissioning.</p> <p><u>INTERNAL PLUMBING</u></p> <p><i><u>Supply, deliver and install PPR pipes and fittings for sizes upto 2" - SDR 13.5 and for sizes above 2" upto 4"- Schedule 40 Bidders must allow in their pipework prices for all the couplings, connectors, joints etc.required in the running length of pipework and also where necessary, for pipe fixing clips, holderbats plugged and screwed, brackets and pipe sleeves through structural members.</u></i></p> <p><i><u>Cold Water</u></i></p> <p>A 40mm diameter PPR Pipes surface mounted</p> <p><i><u>Extra over PPR tubing for the following:</u></i></p> <p>B 40mm diameter PPR 90° elbow</p> <p><i><u>Tees</u></i></p> <p>C 40mm diameter PPR equal tee</p>	No.	1		
		No.	1		
		No.	1		
		No.	1		
		Item			
		LM	4		
		No.	2		
		No.	2		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>Reducer Tees</u>				
D	40x32mm diameter PPR reducer coupling	No.	4		
	<u>Gate Valves</u>				
E	40mm dia approved high pressure screw- down full way non-rising stem solid wedge disc gate valve to BS 5154 PN 16 for Series B Rating with wheel head and joints to steel tubing. As "Crane Model 156 " or equal and approved	No.	1		
F	Water Check meter	No.	1		
G	Contingency sum for plumbing works	Item			
	TOTAL CARRIED TO THE END OF SECTION 5	US\$			

5/11

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)																													
	<p><u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u></p> <p><u>SECTION 5: BLOCK D - OFFICES 1</u></p> <p><u>MAIN SUMMARY</u></p> <table><thead><tr><th><u>ELEMENT NO.</u></th><th><u>TITLE</u></th><th><u>PAGE</u></th></tr></thead><tbody><tr><td>1</td><td>SUBSTRUCTURE</td><td>5/3</td></tr><tr><td>2</td><td>REINFORCED CONCRETE FRAME</td><td>5/3</td></tr><tr><td>3</td><td>WALLING</td><td>5/4</td></tr><tr><td>4</td><td>ROOF CONSTRUCTION AND FINISHES</td><td>5/5</td></tr><tr><td>5</td><td>FINISHES</td><td>5/6</td></tr><tr><td>6</td><td>WINDOWS</td><td>5/7</td></tr><tr><td>7</td><td>DOORS</td><td>5/8</td></tr><tr><td>8</td><td>PLUMBING & DRAINAGE INSTALLATIONS</td><td>5/10</td></tr><tr><td>9</td><td>ELECTRICAL INSTALLATIONS</td><td>5/11</td></tr></tbody></table>	<u>ELEMENT NO.</u>	<u>TITLE</u>	<u>PAGE</u>	1	SUBSTRUCTURE	5/3	2	REINFORCED CONCRETE FRAME	5/3	3	WALLING	5/4	4	ROOF CONSTRUCTION AND FINISHES	5/5	5	FINISHES	5/6	6	WINDOWS	5/7	7	DOORS	5/8	8	PLUMBING & DRAINAGE INSTALLATIONS	5/10	9	ELECTRICAL INSTALLATIONS	5/11			
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7	DOORS	5/8																																
8	PLUMBING & DRAINAGE INSTALLATIONS	5/10																																
9	ELECTRICAL INSTALLATIONS	5/11																																
	<p><u>TOTAL FOR SECTION 5 : BLOCK D - OFFICES 1 - CARRIED TO GRAND SUMMARY</u></p>	US\$																																

BLOCK E – OFFICES 2

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u> <u>SECTION 6: BLOCK E - OFFICES 2</u> <u>ELEMENT NO. 1</u> <u>SUBSTRUCTURES (PROVISIONAL)</u> <u>Excavations including maintaining and supporting sides and keeping free from water, mud and fallen material</u>				
A	Clear the site of all shrubs, grass and excavate top vegetable soil average depth 200mm and deposit on site as directed	SM	132		
B	Excavate to reduce level overall depth not exceeding 1.5m deep	CM	40		
C	Excavate trench for foundation not exceeding 1.50 meters deep, starting from stripped levels	CM	57		
D	Extra over for rock excavations; trench foundation	CM	11		
E	Excavate for column base not exceeding 1.50 meters	CM	4		
F	Extra over for rock excavations; column base	CM	1		
	<u>Disposal</u>				
G	Return, fill and ram selected excavated material around foundations.	CM	78		
H	Load, wheel and cart deposit and spread surplus excavated material where directed on site at a distance not exceeding 100 meters	CM	41		
	<u>Hardcore or other approved filling, as described</u>				
I	300mm thick well compacted hardcore filling blinded with 25mm thick quarry dust layer to receive surface bed	CM	72		
	<u>Anti-termite treatment</u>				
J	Gladiator or equal and approved chemical anti-termite treatment, executed complete by an approved specialist under a ten-year guarantee, to surfaces of hard-core	SM	132		
	<u>Damp-proof membrane</u>				
K	1000 gauge polythene or other equal and approved damp-proof membrane, laid over blinded hardcore (m.s) with 300mm side and end laps (measured nett-allow for laps)	SM	132		
	<u>Plain concrete class 15 in:</u>				
L	50mm blinding under strip footing	SM	55		
M	50mm blinding under column bases	SM	4		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>Reinforced concrete class (20) as described, in:-</u>				
N	Strip footing	CM	4		
O	Column bases	CM	1		
P	Foundation columns	CM	1		
Q	150mm Thick surface bed laid in bays including all necessary formwork	SM	132		
	CARRIED TO COLLECTION AT END OF ELEMENT 1	US\$			
	<u>Reinforcement, as described:-[PROVISIONAL]</u>				
	<u>High yield square twisted reinforcement bars to B.S 4461</u>				
A	8mm bars	Kg	17		
B	10mm bars	Kg	66		
C	12mm bars	Kg	198		
D	16mm bars	Kg	78		
	<u>Mesh fabric reinforcement to B.S 4483 and setting in concrete with 300mm side and end laps (measured nett-allow for laps).</u>				
E	Fabric ref. A142 weighing 2.22kg/ sq.metre, in surface bed.	SM	132		
	<u>Sawn formwork as described to:-</u>				
F	To sides of strip footing	SM	38		
G	To sides of foundation columns	SM	10		
H	To sides of column base	SM	5		
I	To edge of floor slab over 75mm but not exceeding 150mm high	LM	56		
	<u>Walling in natural coursed stone obtained from an approved quarry, bedded and jointed in gauged mortar (1:3)</u>				
J	200mm thick walling	SM	200		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
K	<i>Damp-proof courses, as described, to walls</i> 200mm wide	LM	88		
	CARRIED TO COLLECTION AT END OF ELEMENT 1	US\$			
	<u>ELEMENT NO. 1 COLLECTION</u>				
	FROM PAGE		6/1		
	FROM PAGE		Above		
	TOTAL CARRIED TO THE END OF SECTION 6	US\$			
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u>				
	<u>SECTION 6: BLOCK E - OFFICES 2</u>				
	<u>ELEMENT NO. 2</u>				
	<u>REINFORCED CONCRETE FRAME</u>				
	<i>Reinforced concrete class 25, as described in:-</i>				
A	Beams and ring beam	CM	15		
B	Columns	CM	1		
	<i>Reinforcement, as described (PROVISIONAL)</i>				
	<i>High yield square twisted reinforcement to BS 4461</i>				
C	8mm ditto	Kg	363		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
D	12mm ditto	Kg	293		
E	16mm ditto	Kg	471		
	<u>Sawn formwork, as described, to:-</u>				
F	Sides and soffits of beams	SM	190		
G	Sides of columns	SM	18		
	<u>TOTAL CARRIED TO THE END OF SECTION 6</u>	US\$			
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u>				
	<u>SECTION 6: BLOCK E - OFFICES 2</u>				
	<u>ELEMENT NO. 3</u>				
	<u>WALLING</u>				
	<u>Natural hard approved machine cut quarry stone walling from approved quarry with a crushing strength of 5.0 N/mm² 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:</u>				
A	200mm thick walling externally	SM	179		
B	200mm thick walling internally	SM	147		
	<u>TOTAL CARRIED TO THE END OF SECTION 6</u>	US\$			

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u> <u>SECTION 6: BLOCK E - OFFICES 2</u> <u>ELEMENT NO. 4</u> <u>ROOF CONSTRUCTION AND FINISHES</u> <i><u>The following 5NO. in roof trusses(T5) with nailed or bolted connections including hoisting and fixing in position not exceeding 4.9 meters above ground floor level</u></i> <i><u>In sawn treated cypress Grade 2</u></i>				
A	100x50mm King post	LM	4		
B	150x50mm rafters	LM	56		
C	100x50mm strut or tie	LM	72		
D	100 x 50mm thick tie beam	LM	49		
E	100x50mm wall plate fixed with and including 200mm long 12mm diameter rag bolts cast into beam at 1500mm centres	LM	91		
	<i><u>The following 11NO. in roof trusses(T6) with nailed or bolted connections including hoisting and fixing in position not exceeding 4.9 meters above ground floor level</u></i> <i><u>In sawn treated cypress Grade 2</u></i>				
F	100x50mm King post	LM	6		
G	150x50mm rafters	LM	86		
H	100x50mm strut or tie	LM	75		
I	100 x 50mm thick tie beam	LM	69		
	<i><u>Corrugated GI sheets gauge 32, fixed on celcurised cypress structure: 50x50mm Battens on 200X50mm Rafters @700mm on 100X50mm Wall-plate bolted @ 1200mm centres; structure to SE details. GI lining on ridges and cut-outs.</u></i>				
J	Roof covering not exceeding 5 degrees from the horizontal including all necessary fixtures	SM	194		
	<i><u>Rain water goods.</u></i>				
K	32 gauge mild steel rain water box gutter 450mm girth one edge tucked under roof cover	LM	57		
L	800mm girth 32 gauge mild steel down pipe	LM	20		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
M	Extra over shoe	No.	4		
N	Extra over for swan	No.	4		
	TOTAL CARRIED TO THE END OF SECTION 6	US\$			
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u> <u>SECTION 6: BLOCK E - OFFICES 2</u> <u>ELEMENT NO. 5</u> <u>FINISHES</u> <u>15 mm cement and sand (1:3) render, finished with woodfloat to:-</u> A Concrete or masonry surfaces externally SM 244 <u>12mm (minimum) two coat lime plaster as described to</u> B Concrete or masonry surfaces internally SM 551 <u>Floor Finishes</u> <u>Cement and sand (1:3) screeds, backings, beds etc</u> C 20mm thick screed to receive floor tiles SM 121 <u>Ceramic floor tiles</u> D 300mm x 300mm non-ceramic floor tiles SM 121 E 100mm High skirting LM 115 <u>Ceiling finishes</u> F 12mm Thick chip-boarding ceiling on 50X50mm cypress bandering 50X50mm cypress. SM 121 G 100x25mm cornice plugged LM 127 <u>Painting and decorating</u> <u>Prepare and apply three coats first quality emulsion paint on:-</u> H Plastered walls externally SM 244				

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
I	<i>Prepare and apply three coats first quality silk vinyl emulsion paint on:-</i> Plastered surfaces internally	SM	551		
J	<i>Prepare and apply three coats first quality emulsion paint on:-</i> Chipboard ceiling	SM	121		
K	100X25mm cornice plugged	LM	127		
TOTAL CARRIED TO THE END OF SECTION 6		US\$			
<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u> <u>SECTION 6: BLOCK E - OFFICES 2</u> <u>ELEMENT NO. 6</u> <u>WINDOWS</u> <i>Precast concrete class 20 fair faced all exposed surfaces bedded and jointed cement and sand (1:4 mortar)</i> A In-situ moulded concrete window cill size 250X560mm think weathered and throated and jointed in mortar (1:4) <i>Aluminium windows</i> <i>Supply, assemble and fix the following purposed-made. Anodized powder coated aluminium windows including 5mm glazing in wash leather and matching iron mongery and furniture and finishing to reveals in (1:4) mortar.</i> B Window size 1600x1500mm high C Window size 1200x1500mm high D Window size 1000x500mm high E Window size 500x800mm high F Window size 800x1500mm high G Window size 6800x (1200mm - 600mm high) <i>In-wrot mahogany</i> H 125x25mm window board, plugged, scrwed and pelleted					

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
I	20x20mm quadrant beading plugged <i>Anodized brass coated aluminium:</i>	LM	28		
J	Heavy duty overlapping double curtain rail complete with rollers, clips and stopped ends	LM	28		
	TOTAL CARRIED TO THE END OF SECTION 6	US\$			
<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u> <u>SECTION 6: BLOCK E - OFFICES 2</u> <u>ELEMENT NO. 7</u> <u>DOORS</u> <u>30mm thick mahogany panel doors to Project Manager/Architect's approval</u>					
A	Overall door size 1300x2100mm high <u>30mm thick panel door to B.S 459: parts</u> <u>faced both sides with 6mm mahogany veneered plywood</u> <u>and lipped on all edges in hardwood, including all</u> <u>planted moulding</u>	No.	1		
B	Ditto but 900x2100mm high <u>125x25mm window board, plugged, screwed and pelleted</u>	No.	7		
C	150x50mm moulded door frame with 4 labours including fixing dowels and cramps	LM	43		
D	50x25mm architrave	LM	43		
E	25mm quadrant <u>Painting and decoration</u> <u>Knot, prime, stop and apply 3coats polyurethane clear vanish:</u>	LM	43		
F	General surface of doors internally	SM	16		
G	General surface of doors externally	SM	16		
H	Wooden surface 200 - 300mm girth	LM	43		
I	Wooden surface 0 - 100mm girth	LM	43		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>Supply delivery and fix the following ironmongery with matching screws</u>				
J	In pairs, 100 x50mm medium duty brass butt hinges	PR	12		
K	5level mortise door lock	No	8		
L	Rubber door stop plugged to concrete floor	No	8		
	TOTAL CARRIED TO THE END OF SECTION 6	US\$			
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u> <u>SECTION 6: BLOCK E - OFFICES 2</u> <u>ELEMENT NO. 8</u> <u>PLUMBING INSTALLATION & SERVICES</u> SANITARY WARE <u>Take delivery and Install Only the following appliances</u> WC suite A Twyforads REFRESH HO washdown WC suite in white vitreous china with box flushing rim, EN 1148WH complete with ENTICE cistern, EN2561 and flush assembly , 4/6 L BSIO dual flush with CP push button EN2561WH, seat & cover EN 7860 Vanity Wash-hand basin B White countertop wash- hand basin size 500x410mm with one central taphole,.Basin to be as Twyforads Refresh C 32mm trap Angle Valves D 1/2" Chrome plated angle regulating valve with 350 mm long service connection Testing & Commissioning E Allow for setting to work, testing and commissioning.				
		No.	2		
		No.	2		
		No.	2		
		Item			

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	INTERNAL PLUMBING				
	<u>Supply, deliver and install PPR pipes and fittings for sizes upto 2" - SDR 13.5 and for sizes above 2" upto 4"- Schedule 40 Bidders must allow in their pipework prices for all the couplings, connectors, joints etc.required in the running length of pipework and also where necessary, for pipe fixing clips, holderbats plugged and screwed, brackets and pipe sleeves through structural members.</u>				
	<u>Cold Water</u>				
A	40mm diameter PPR Pipes surface mounted	LM	15		
	<u>Extra over PPR tubing for the following:</u>				
B	40mm diameter PPR 90° elbow	No.	3		
	<u>Tees</u>				
C	40mm diameter PPR equal tee	No.	3		
	<u>Reducer Tees</u>				
D	40x32mm diameter PPR reducer coupling	No.	4		
	<u>Gate Valves</u>				
E	40mm dia approved high pressure screw- down full way non-rising stem solid wedge disc gate valve to BS 5154 PN 16 for Series B Rating with wheel head and joints to steel tubing. As "Crane Model 156 " or equal and approved	No.	2		
F	Water Check meter	No.	1		
G	Contingency sum for plumbing works	Item			
	TOTAL CARRIED TO THE END OF SECTION 6	US\$			

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u> <u>SECTION 6: BLOCK E - OFFICES 2</u> <u>ELEMENT NO. 9</u> ELECTRICAL INSTALLATIONS & SERVICES <u>Supply, install, test and commission the following:</u> LIGHTING POINTS A Lighting point wired in 3 x 1.5mm ² SC-PVC – Cu cables drawn in 20mm diameter HG PVC conduits concealed inside ceiling complete with all necessary accessories excluding switches and fittings. <u>10A moulded ivory switch plates as Crabtree or approved equivalent as follows:</u> B Single pole switch C Two gang switch LIGHTING FITTINGS <u>Light fitting complete with fixing accessories and lamps as follows:</u> A 1200mm 1 x 36w Fluorescent batten fitting of slim cross-section with clip-on cover plate and adjustable end ca system. As Thorn Popular Pack Batten or approved equivalent B 10 A 3-plate ceiling mounted light fixture complete with rose, BC lamp holder and flexible cord. SOCKET OUTLETS AND POWER POINTS C Duplex receptacle point comprising wiring in 3 x 2.5mm ² PVC-SCCu cables in concealed in 20mm HG PVC conduits. CONSUMER UNITS/DISTRIBUTION BOARDS D 8-way S/N consumer unit flush mounted on wall complete with a 100A SP/N integral isolator as CRABTREE or approved equivalent <u>Single pole Miniature Circuit Breakers to fit into the above consumer unit as follows:</u> E 5A SP F 20A SP G Blanking plates SUB-MAINS CABLES AND OTHER ITEMS A 3 X 16.0mm ² single-Core copper cables drawn inside HG conduits. B Contingency sum for electrical works <u>TOTAL CARRIED TO THE END OF SECTION 6</u>				
		US\$			

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)																													
	<p><u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u></p> <p><u>SECTION 6: BLOCK E - OFFICES 2</u></p> <p><u>MAIN SUMMARY</u></p> <table><thead><tr><th><u>ELEMENT NO.</u></th><th><u>TITLE</u></th><th><u>PAGE</u></th></tr></thead><tbody><tr><td>1</td><td>SUBSTRUCTURE</td><td>6/3</td></tr><tr><td>2</td><td>REINFORCED CONCRETE</td><td>6/4</td></tr><tr><td>3</td><td>WALLING</td><td>6/4</td></tr><tr><td>4</td><td>ROOF CONSTRUCTION AND FINISHES</td><td>6/5</td></tr><tr><td>5</td><td>FINISHES</td><td>6/7</td></tr><tr><td>6</td><td>WINDOWS</td><td>6/7</td></tr><tr><td>7</td><td>DOORS</td><td>6/9</td></tr><tr><td>8</td><td>PLUMBING & DRAINAGE INSTALLATIONS</td><td>6/10</td></tr><tr><td>9</td><td>ELECTRICAL INSTALLATIONS</td><td>6/11</td></tr></tbody></table>	<u>ELEMENT NO.</u>	<u>TITLE</u>	<u>PAGE</u>	1	SUBSTRUCTURE	6/3	2	REINFORCED CONCRETE	6/4	3	WALLING	6/4	4	ROOF CONSTRUCTION AND FINISHES	6/5	5	FINISHES	6/7	6	WINDOWS	6/7	7	DOORS	6/9	8	PLUMBING & DRAINAGE INSTALLATIONS	6/10	9	ELECTRICAL INSTALLATIONS	6/11			
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7	DOORS	6/9																																
8	PLUMBING & DRAINAGE INSTALLATIONS	6/10																																
9	ELECTRICAL INSTALLATIONS	6/11																																
	<p><u>TOTAL FOR SECTION 6 : BLOCK E - OFFICES 2 - CARRIED TO GRAND SUMMARY</u></p>	US\$																																

PUBLIC FOYER

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u> <u>SECTION 7: PUBLIC FOYER</u> <u>ELEMENT NO. 1</u> <u>SUBSTRUCTURES (PROVISIONAL)</u> <u>Excavations including maintaining and supporting sides and keeping free from water, mud and fallen material</u>				
A	Clear the site of all shrubs, grass and excavate top vegetable soil average depth 200mm and deposit on site as directed	SM	11		
B	Bulk excavation to reduce level overall depth not exceeding 1.5m deep	CM	115		
C	Excavate trench for foundation not exceeding 1.50 meters deep, starting from stripped levels	CM	21		
D	Extra over for rock excavations	CM	4		
	<u>Disposal</u>				
E	Return, fill and ram selected excavated material around foundations.	CM	25		
F	Load, wheel and cart deposit and spread surplus excavated material where directed on site at a distance not exceeding 100 meters	CM	115		
	<u>Hardcore or other approved filling, as described</u>				
G	300mm thick well compacted hardcore filling blinded with 25mm thick quarry dust layer to receive surface bed	SM	238		
	<u>Anti-termite treatment</u>				
H	Gladiator or equal and approved chemical anti-termite treatment, executed complete by an approved specialist under a ten-year guarantee, to surfaces of hard-core	SM	11		
	<u>Damp-proof membrane</u>				
I	1000 gauge polythene or other equal and approved damp-proof membrane, laid over blinded hardcore (m.s) with 300mm side and end laps (measured nett-allow for laps)	SM	11		
	<u>Plain concrete class 15 in:</u>				
J	50mm blinding under strip footing	SM	25		
	CARRIED TO COLLECTION AT END OF ELEMENT 1	US\$			

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>Reinforced concrete class (20) as described, in:-</u>				
K	Strip footing	CM	5		
L	125mm thick surface bed laid in bays including all necessary formwork	SM	11		
M	125mm thick to steps	SM	139		
	<u>Reinforcement, as described:-[PROVISIONAL]</u>				
	<u>High yield square twisted reinforcement bars to B.S 4461</u>				
A	10mm bars	Kg	37		
B	12mm bars	Kg	3,070		
	<u>Mesh fabric reinforcement to B.S 4483 and setting in concrete with 300mm side and end laps (measured nett-allow for laps).</u>				
C	Fabric ref. A142 weighing 2.22kg/ sq.metre, in surface bed.	SM	11		
	<u>Sawn formwork as described to:-</u>				
D	To edge of steps and slabs over 75mm but not exceeding 150mm high	LM	256		
E	To soffit of stairs	SM	139		
	<u>Walling in natural coursed stone obtained from an approved quarry, bedded and jointed in gauged mortar (1:3)</u>				
F	200mm thick walling	SM	35		
	<u>Damp-proof courses, as described, to walls</u>				
G	200mm wide	LM	23		
	TOTAL CARRIED TO THE END OF SECTION 7	US\$			
	<u>ELEMENT NO. 1 COLLECTION</u>				
	FROM PAGE		7/1		
	FROM PAGE		Above		
	TOTAL CARRIED TO THE END OF SECTION 7	US\$			

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u> <u>SECTION 7: PUBLIC FOYER</u> <u>ELEMENT NO. 2</u> <u>FRAMING</u> <u>Hard wood timber:</u> A 4000x200x200mm HW studs at 1400mm c/c inclined outwards at 94 degrees to architect's details and approval <u>Reinforced concrete:</u> B Ring beam <u>High yield square twisted reinforcement to BS 4461</u> C 8mm ditto D 10mm ditto <u>Sawn formwork, as described, to:-</u> E Sides and soffits of beams				
		No.	12		
		CM	1		
		Kg	58		
		Kg	121		
		SM	25		
	<u>TOTAL CARRIED TO THE END OF SECTION 7</u>	US\$			
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u> <u>SECTION 7: PUBLIC FOYER</u> <u>ELEMENT NO. 3</u> <u>WALLING</u> <u>PC ventilation bricks.</u> A 100mm thick PC ventilation bricks to Project Manager/Architect's approval <u>TOTAL CARRIED TO THE END OF SECTION 7</u>				
		SM	92		
	<u>TOTAL CARRIED TO THE END OF SECTION 7</u>	US\$			

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u> <u>SECTION 7: PUBLIC FOYER</u> <u>ELEMENT NO. 4</u> <u>FINISHES</u> <u>Stone cladding:</u> A Approved stone cladding to Architect's detail to planter <u>Floor Finishes</u> <u>Cement and sand (1:3) screeds, backings, beds etc</u> B 20mm thick to receive floor tiles <u>Ceramic floor tiles</u> C 300x300mm thick ceramic floor tiles	SM	49		
		SM	198		
		SM	198		
	TOTAL CARRIED TO THE END OF SECTION 7	US\$			
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u> <u>SECTION 7: PUBLIC FOYER</u> <u>ELEMENT NO. 5</u> <u>Supply, install, test and commission the following:</u> <u>LIGHTING POINTS</u> A Lighting point wired in 3 x 1.5mm ² SC-PVC – Cu cables drawn in 20mm diameter HG PVC conduits concealed inside ceiling complete with all necessary accessories excluding switches and fittings. <u>10A moulded ivory switch plates as Crabtree or approved equivalent as follows:</u> B Single pole switch C Two gang switch	No.	30		
		No.	2		
		No.	1		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	LIGHTING FITTINGS				
	<u>Light fitting complete with fixing accessories and lamps as follows:</u>				
A	1200mm 1 x 36w Fluorescent batten fitting of slim cross-section with clip-on cover plate and adjustable end ca system. As Thorn Popular Pack Batten or approved equivalent	No.	30		
	SOCKET OUTLETS AND POWER POINTS				
B	Duplex receptacle point comprising wiring in 3 x 2.5mm ² PVC-SCCu cables in concealed in 20mm HG PVC conduits.	No.	2		
	CONSUMER UNITS/DISTRIBUTION BOARDS				
C	8-way S/N consumer unit flush mounted on wall complete with a 100A SP/N integral isolator as CRABTREE or approved equivalent	No.	1		
	<u>Single pole Miniature Circuit Breakers to fit into the above consumer unit as follows:</u>				
D	5A SP	No.	1		
E	20A SP	No.	1		
F	Blanking plates	No.	1		
	SUB-MAINS CABLES AND OTHER ITEMS				
A	3 X 16.0mm ² single-Core copper cables drawn inside HG conduits.	Item			
B	Contingency sum for electrical works	Item			
	<u>TOTAL CARRIED TO THE END OF SECTION 7</u>	US\$			

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)																		
	<p><u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u></p> <p><u>SECTION 7: PUBLIC FOYER</u></p> <p><u>MAIN SUMMARY</u></p> <table><tr><th><u>ELEMENT NO.</u></th><th><u>TITLE</u></th><th><u>PAGE</u></th></tr><tr><td>1</td><td>SUBSTRUCTURE</td><td>7/2</td></tr><tr><td>2</td><td>FRAMING</td><td>7/3</td></tr><tr><td>3</td><td>WALLING</td><td>7/3</td></tr><tr><td>4</td><td>FINISHES</td><td>7/4</td></tr><tr><td>5</td><td>ELECTRICAL INSTALLATION</td><td>7/5</td></tr></table>	<u>ELEMENT NO.</u>	<u>TITLE</u>	<u>PAGE</u>	1	SUBSTRUCTURE	7/2	2	FRAMING	7/3	3	WALLING	7/3	4	FINISHES	7/4	5	ELECTRICAL INSTALLATION	7/5				
<u>ELEMENT NO.</u>	<u>TITLE</u>	<u>PAGE</u>																					
1	SUBSTRUCTURE	7/2																					
2	FRAMING	7/3																					
3	WALLING	7/3																					
4	FINISHES	7/4																					
5	ELECTRICAL INSTALLATION	7/5																					
	<p><u>TOTAL FOR SECTION 7 : PUBLIC FOYER - CARRIED TO GRAND SUMMARY</u></p>	US\$																					

SEPTIC TANK

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u> <u>SECTION 8: SEPTIC TANK</u> <u>ELEMENT NO. 1</u> <u>SUBSTRUCTURES (PROVISIONAL)</u> <u>Excavations including maintaining and supporting sides and keeping free from water, mud and fallen material</u>				
A	Clear the site of all shrubs, grass and excavate top vegetable soil average depth 200mm and deposit on site as directed	SM	11		
B	Bulk excavation to reduce level overall depth not exceeding 1.5m deep	CM	115		
C	Bulk excavation to reduce level overall depth not exceeding 3m deep	CM	3		
D	Excavate trench for foundation not exceeding 1.50 meters deep, starting from stripped levels	CM	1		
E	Extra over for rock excavations	CM	23		
	<u>Disposal</u>				
F	Load, wheel and cart deposit and spread surplus excavated material where directed on site at a distance not exceeding 100 meters	CM	119		
	<u>Anti-termite treatment</u>				
G	Gladiator or equal and approved chemical anti-termite treatment, executed complete by an approved specialist under a ten-year guarantee, to surfaces of hard-core	SM	11		
	<u>Damp-proof membrane</u>				
H	1000 gauge polythene or other equal and approved damp-proof membrane, laid over blinded hardcore (m.s) with 300mm side and end laps (measured nett-allow for laps)	SM	11		
	<u>Plain concrete class 15 in:</u>				
I	50mm blinding under strip footing	SM	11		
	<u>Reinforced concrete class (20) as described, in:-</u>				
J	Baffle beam	CM	1		
K	Strip footing	CM	3		
	CARRIED TO COLLECTION AT END OF ELEMENT 1	US\$			

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
L	150mm thick bottom slab laid in bays including all necessary formwork	SM	11		
M	150mm thick top slab laid in bays including all necessary formwork	SM	9		
	<u>French drain</u>				
N	Excavate a frech drain 900mm deep and fill it with tar paper over 10mm gabs, 600mm high hadcore filling, and 200mm high, compacted murrum	No.	1		
	<u>Reinforcement, as described:-[PROVISIONAL]</u>				
	<u>High yield square twisted reinforcement bars to B.S 4461</u>				
A	8mm bars	Kg	9		
B	10mm bars	Kg	211		
C	12mm bars	Kg	126		
	<u>Mesh fabric reinforcement to B.S 4483 and setting in concrete with 300mm side and end laps (measured nett-allow for laps).</u>				
D	Fabric ref. A142 weighing 2.22kg/ sq.metre, in surface bed.	SM	11		
	<u>Sawn formwork as described to:-</u>				
E	Sides and soffites of Baffle beam	SM	4		
F	Soffit of suspended slab	SM	8		
G	To edge of and slabs over 75mm but not exceeding 150mm high	LM	12		
	<u>Walling in natural coursed stone obtained from an approved quarry, bedded and jointed in gauged mortar (1:3)</u>				
H	200mm thick walling	SM	20		
	<u>Damp-proof courses, as described, to walls</u>				
I	200mm wide	LM	19		
	CARRIED TO COLLECTION AT END OF ELEMENT 1	US\$			

8/3

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)									
	<u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u>													
	<u>SECTION 8: SEPTIC TANK</u>													
	<u>MAIN SUMMARY</u>													
	<table><tr><th><u>ELEMENT NO.</u></th><th><u>TITLE</u></th><th><u>PAGE</u></th></tr><tr><td>1</td><td>SUBSTRUCTURE</td><td>8/3</td></tr><tr><td>2</td><td>FINISHES</td><td>8/3</td></tr></table>					<u>ELEMENT NO.</u>	<u>TITLE</u>	<u>PAGE</u>	1	SUBSTRUCTURE	8/3	2	FINISHES	8/3
	<u>ELEMENT NO.</u>					<u>TITLE</u>	<u>PAGE</u>							
	1					SUBSTRUCTURE	8/3							
	2					FINISHES	8/3							
	<u>TOTAL FOR SECTION 8 : SEPTIC TANK - CARRIED TO GRAND SUMMARY</u>													
	US\$													

PROVISIONAL SUMS

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE (US\$)	AMOUNT (US\$)
	<p><u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u></p> <p><u>SECTION 9: PROVISIONAL SUMS</u></p> <p>The following provisional sums are for works whose quantities and nature cannot be ascertained during the preparation of the Bills of Quantities (provisional items). The actual amounts of works shall be included once they are executed in accordance with the Architects and/or Engineers instructions and measured/valued by the Quantity Surveyor.</p> <p>The following prime cost sums are for works to be executed complete by nominated Contractors.</p>				
A	Allow a provisional sum of US Dollars _____ only for demolition and site clearance	Item			
B	Allow a provisional sum of US Dollars _____ only for CCTV Control System	Item			
C	Allow a provisional sum of US Dollars _____ only for Power Connection	Item			
D	Allow a provisional sum of US Dollars _____ only for Landscaping	Item			
E	Allow a provisional sum of US Dollars _____ only for Foul Drainage/Soil & Waste Drainage	Item			
F	Allow a provisional sum of US Dollars _____ only for the construction of water tank tower including water tank and accessories	Item			
	<u>TOTAL FOR SECTION 9 : PROVISIONAL SUMS - CARRIED TO GRAND SUMMARY</u>	US\$			

GRAND SUMMARY

ITEM NO.	DESCRIPTION	PAGE	AMOUNT (US\$)
	<p><u>PROPOSED KISMAYO LAW COURTS BUILDING</u> <u>LOWER JUBBA REGION</u></p> <p><u>GRAND SUMMARY</u></p>		
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2	SECTION 2: BLOCK A - COURT OF APPEALS	2/13	
3	SECTION 3: BLOCK B - SUPREME COURT	3/14	
4	SECTION 4: BLOCK C - REGIONAL COURT	4/14	
5	SECTION 5: BLOCK D - OFFICES 1	5/12	
6	SECTION 6: BLOCK E - OFFICES 2	6/12	
7	SECTION 7: PUBLIC FOYER	7/6	
8	SECTION 8: SEPTIC TANK	8/4	
9	SECTION 9: PROVISIONAL SUMS	9/1	
10	SUB-TOTAL		
11	Add for 10% Contingencies		
	TOTAL AMOUNT CARRIED TO FORM OF BID	US\$	
	SIGNED:		
	(CONTRACTOR)		
	Name of the Authorized Representative		
	Address:		
	Tel No:		
	Date:		