

**Bill . No. 1**  
**Preliminaries**



ITEM	DESCRIPTION	
A	<p><b>BILL NO. 1</b></p> <p><b>PRELIMINARIES</b></p> <p><b>DEFINITIONS AND ABBREVIATIONS</b></p> <p>The following terms, phrases and abbreviations shall be deemed to have the following meanings wherever used in these bills of quantities or elsewhere in the contract documents.</p> <p>Works' shall mean all or any portion of the work described in the contract documents, comprising the construction of new buildings, complete with electrical/mechanical installations and associated external works</p> <p>approved' or 'approval' shall mean as approved by the Works Supervisor</p> <p>as directed' shall mean as directed by the Works Supervisor</p> <p>fix only' shall mean the fixing of materials and components obtained from sources as directed, including for obtaining information from suppliers, assembling and/or carefully dismantling and reassembling as necessary.</p> <p>B.S.' shall mean the current British Standard Specification published by the British Standards Institution, 2 Park Street, London W.1., England, UK.</p> <p>Kg' shall mean Kilogrammes.</p> <p>No' shall mean Number.</p>	
	<b>Total carried to collection</b>	

ITEM	DESCRIPTION	
	<p>LM' shall mean Metres.</p> <p>M2' or 'SM' shall mean Square Metres.</p> <p>M3' or 'CM' shall mean Cubic Metres.</p> <p>Do' or 'Ditto' shall mean the whole of the preceding description except as qualified in the description in which it occurs. Where shown in brackets, it shall mean the whole of the preceding description contained in brackets.</p> <p>M.S.' shall mean measured separately.</p> <p>Fuel' shall mean electricity, oil and any other approved source of energy.</p> <p>Exceptional Weather' shall refer to any state of the weather that could cause damage or interference to the execution of the works, including heavy rains, excessive sunshine, sleet, gales, driving winds and floods.</p> <p>VAT' shall mean Value Added Tax.</p> <p>Net Contract Price' or 'Net Tender Price' shall mean the Tender/Contract Price or any subsequent adjustment thereto before the addition of VAT.</p>	
	Total carried to collection	



ITEM	DESCRIPTION	
<p data-bbox="336 275 357 304">A</p> <p data-bbox="416 275 533 304"><b>PRICING</b></p> <p data-bbox="416 371 1158 528">The contractor shall price out individually IN INDELIBLE INK, all items containing a monetary value in the preliminaries and all other sections of the bills. In no cases will lump sums be allowed unless otherwise stated.</p> <p data-bbox="336 595 357 624">B</p> <p data-bbox="416 595 600 624"><b>SITE VISITS</b></p> <p data-bbox="416 669 1174 864">The Contractor is recommended to visit the sites and shall be deemed to have acquainted himself therewith as to the nature, position, means of access etc. No claim in this connection will be allowed, including travel or other expenses incurred by the contractor</p> <p data-bbox="336 909 357 938">C</p> <p data-bbox="416 909 871 938"><b>SITE LEVELS AND DIMENSIONS</b></p> <p data-bbox="416 983 1174 1133">Before commencing on the works at the sites, the contractor must arrange for and agree the existing site levels with the Works Supervisor and similarly establish site benchmarks.</p>		
	<b>Total carried to collection</b>	

ITEM	DESCRIPTION	
A	<p><b>MATERIALS, GOODS AND WORKMANSHIP TO CONFORM TO DESCRIPTION, TESTING, INSPECTION AND SAMPLES</b></p> <p>The contractor shall employ the best materials and workmanship available, which shall in any case not be inferior to the technical specifications.</p> <p>The contractor shall in a timely manner and at his own cost furnish any required samples of materials or workmanship or any required tests/results, as well as any samples and tests that may be called for by the Works Supervisor for approval.</p> <p>Samples shall be deemed to include for their making with the specified materials under similar conditions to the site, protection of approved samples and removal of samples when no longer required by the Works Supervisor.</p> <p>The contractor shall particularly allow for making all necessary concrete test cubes and for their testing at an approved laboratory. One copy of the test cube results shall be forwarded directly to the Works Supervisor by the laboratory officials.</p> <p><b>STATUTORY OBLIGATIONS, NOTICES, FEES/CHARGES, LOCAL REGULATIONS AND BYE-LAWS</b></p> <p>The contractor shall comply with all statutory obligations, local regulations/bye-laws, police regulations and those of the various utilities authorities (electricity, telephone, water), including serving of notices and payment of relevant fees.</p>	
	<b>Total carried to collection</b>	

ITEM	DESCRIPTION	
A	<p>The contractor shall allow for obtaining all necessary approvals from local authorities, including interim ones during the progress of the works, occupation permits at practical completion and all other legally demandable ones, including a payment of respect</p> <p><b>SITE SUPERVISION, ATTENDANCE AND MEETINGS</b></p> <p>The contractor shall execute the works under the direction and to the satisfaction of the Works Supervisor. The contractor shall be responsible for works carried out by his subcontractors and allow for pertinent attendance.</p> <p>The Clerk of Works shall have the Works Supervisor's specifically delegated authority regarding the contractor's site operations and shall at all times have access to the contractor's yards, workshops and other places where elements of the works are being done.</p> <p>In addition to impromptu site visits, the Works Supervisor shall preside over regularly held site meetings. The contractor shall allow for his contract, site and relevant subcontractor representatives to attend all site meetings and provide fortnightly</p>	
	<p><b>B</b></p> <p><b>TRANSPORT TO AND FROM SITES</b></p> <p>The contractor shall include in his prices for the transportation of materials, workmen, etc to and from the sites, at such hours and routes as permitted by the Works Supervisor and Management.</p>	
	<b>Total carried to collection</b>	

ITEM	DESCRIPTION	
A	<p><b>WORKING HOURS AND FAIR WAGES</b></p> <p>The contractor and his sub-contractors shall pay to their employees rates and wages and observe working hours and conditions of labour, which are not less favourable than the minimum rates, wages and conditions provided by the Ministry of Labour of Uganda</p> <p>The contractor or any subcontractor called upon, shall furnish the Works Supervisor, with particulars of the rates, wages and conditions of their employees engaged on the works.</p>	
B	<p><b>SECURITY OF THE WORKS, EMPLOYEES AND THE PUBLIC</b></p> <p>The contractor shall be entirely responsible for security of the entire works at the sites, including his stores, materials, plant, personnel, etc as well as those of all sub-contractors engaged in the works.</p>	
C	<p><b>PROGRESS SCHEDULES</b></p> <p>As required in the Special Conditions of Contract, the contractor shall submit a detailed programme of works per site (including elements of the works to be carried out by sub-contractors).</p> <p>At the end of each contract week, the contractor shall mark on the works programmes in a different colour, the actual time taken to complete respective tasks, as well as the actual numbers employed (divided by trade).</p>	
	<b>Total carried to collection</b>	

ITEM	DESCRIPTION	
	<p>The contractor shall supply copies of the approved programmes of works as requested from time to time, for use by the Contracting Authority, Supervisor, Supervisor's Representative and Works Supervisor as the case may be.</p>	
A	<p><b>OVERTIME WORK</b></p> <p>The contractor shall be responsible for any extra costs for overtime work he considers necessary for completing the works within the contract period.</p>	
B	<p><b>WATER FOR THE WORKS</b></p> <p>The contractor shall provide for sufficient clean and pure water for use in connection with the works at the sites (including for subcontractors and the Works Supervisor) and pay all related costs and fees, including installation of water meters, temporary</p> <p>Low water table bore hole complete with solar water pump</p>	
C	<p><b>LIGHTING AND ELECTRICITY FOR THE WORKS</b></p> <p>The contractor shall provide and be entirely responsible for all temporary lighting and electricity for use in connection with the works at the sites (including for subcontractors and the Works Supervisor)</p> <p>Comprehensive Solar system for lighting 3key structures</p> <p>Solar hot water system for luxury cabins</p>	
D	<p><b>TEMPORARY WORKS AND BUILDINGS</b></p> <p>The contractor shall allow for all necessary preparation of the sites prior to commencement of the works, including site clearance, removal of rubbish and the building of temporary access roads, with culverts, crossings or any other means of gaining access</p>	

PROPOSED CONSTRUCTION OF COMMUNITY ECO-LODGE AT WENYI-WENYI IN KIDEPO VALLEY NATIONAL PARK

ITEM	DESCRIPTION	
	Total to be carried to collection	

1/1/7.



PROPOSED CONSTRUCTION OF COMMUNITY ECO-LODGE AT WENYI-WENYI IN KIDEPO VALLEY NATIONAL PARK

ITEM	DESCRIPTION	
	<p>The contractor shall provide site hoarding with lockable gates at the sites, as directed and approved by the Works Supervisor.</p> <p>The contractor shall provide for the erection and dismantling of all scaffolding required at the sites for the proper execution of the works.</p> <p>The contractor shall provide for the erection and dismantling of all scaffolding required at the sites for the proper execution of the works.</p> <p>The contractor shall provide temporary water tight lock-up storage sheds at the sites, for all goods and materials for use in the works that are liable to suffer damage from exposure to direct sunlight or exceptional weather.</p> <p>The contractor shall provide and maintain offices, workers' mess rooms and other temporary building spaces required for his use and that of subcontractors at the sites, suitably equipped with desks, chairs, drawing boards, tables, benches, cooking facilities</p> <p>A separate room of adequate size shall be provided at each of the sites for site meetings and equipped with a table and chairs or sufficient size and numbers, as well as wall mounted pin boards.</p>	
	<b>Total carried to collection</b>	

ITEM	DESCRIPTION	
A	<p><b>TEMPORARY WORKS AND BUILDINGS CONTINUED</b></p> <p>The contractor shall provide a separate lockable office of 10M2 at each site for the Clerks of Works and equip it with a desk, 3 chairs, 1 locable and sturdy shelving/samples cabinet, desktop computer, printer, telephone access and a pin board.</p> <p>The Contractor shall not have any responsibility relating to housing (living accommodation) for the Clerks of Works.</p> <p>Upon completion, the contractor shall remove and clear away all temporary access roads and buildings, plant, rubbish and unused material and make good all affected areas to the satisfaction of the Works Supervisor.</p>	
B	<p><b>COMMUNICATION</b></p> <p>All communications from the Contracting Authority, Supervisor, Supervisor's representative or Works Supervisor will be served to the contractor's Head offices. The contractor shall in turn provide for effective and efficient means of relaying relevant information</p>	
C	<p><b>HEALTH, SAFETY AND SANITATION</b></p> <p>The contractor shall allow for the implementation of all health and safety regulations relevant to the Uganda construction industry and provide for all conservancy charges.</p> <p>The contractor shall provide separate and appropriate health, safety and sanitation facilities for use by the Employer, Works Supervisor and his employees while at the sites, to the satisfaction of the Works Supervisor and the Local Authorities.</p>	
	<b>Total carried to collection</b>	

1/1/9.

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ITEM	DESCRIPTION	
A	<p>Temporary latrines shall be located in positions agreed with the Site Management. Their side, partition walls and roofs shall be made of timber framed corrugated roofing sheets, with their floors made of concrete, steel trowelled smooth.</p> <p>The contractor shall ensure daily cleaning of all temporary buildings and weekly spraying of disinfection in latrines. He shall also provide for weekly removal from the sites of all rubbish and dirt, to the satisfaction of the Works Supervisor.</p> <p>On completion of the works, any temporary drains shall be removed and affected areas made good, with the whole area disinfected and left free of pollution to the satisfaction of the Works Supervisor</p>	
	<p><b>SIGN BOARDS</b></p> <p>The contractor shall provide and erect where directed and maintain during the period of the works, project signboards in the Contracting Authority's approved design as issued by the Works Supervisor, in the following quantities per site; FCA - one (1),</p>	
	<p><b>SITE RECORDS</b></p> <p>The contractor shall allow for the keeping of all records in relation to the works, including a daily record of weather conditions, temperature, rainfall, authorised site visitors (including names, signatures and dates of visits in a visitors' book), plan</p>	
C	<p><b>TRAINING</b></p> <p>The contractor shall allow for all costs related to the training of any apprentices admitted on the works.</p>	
	<b>Total carried to collection</b>	

ITEM	DESCRIPTION	
<p>A</p> <p><b>TAXES</b></p> <p>The contractor shall ensure that he has full knowledge of the relevant tax legislation and workings of the Government of Uganda and provide for all necessary administrative and accounting costs in connection with his filing and payment of taxes,</p> <p>The contractor's provisional sums, unit rates and prices as shown in the bills of quantities shall be exclusive of VAT, in order to properly build up his Net Tender Sum. The total VAT applicable to the Net Tender Sum shall then be added on the main summary.</p> <p>B</p> <p><b>COPYRIGHT</b></p> <p>The copyright of these documents is vested in the Works Supervisor. No alterations of quantities or descriptions made by the contractor in submitting his quotation will be allowed. Furthermore, the contractor shall not reproduce the documents</p>		
	Total carried to collection	

PROPOSED CONSTRUCTION OF COMMUNITY ECO-LODGE AT WENYI-WENYI IN KIDEPO VALLEY NATIONAL PARK

ITEM	DESCRIPTION	
	<p><b>COLLECTION PAGE</b></p> <p>page 1/1/1</p> <p>page 1/1/2</p> <p>page 1/1/3</p> <p>page 1/1/4</p> <p>page 1/1/5</p> <p>page 1/1/6</p> <p>page 1/1/7</p> <p>page 1/1/8</p> <p>page 1/1/9</p> <p>page 1/1/10</p> <p>page 1/1/11</p>	
	Total carried to final summary	

1/1/12.



**Bill . No. 2**  
**Main structure**



## PROPOSED CONSTRUCTION OF COMMUNITY ECO-LODGE AT WENYI-WENYI IN KIDEPO VALLEY NATIONAL PARK

ITEM	DESCRIPTION	UNIT	QTY		
	BILL NO.2				
	MAIN STRUCTURE				
	ELEMENT NO. 1				
	<u>Substructure</u>				
A	Excavate vegetable soil average 150mm deep.	SM	282		
B	Excavate for strip foundation n.e 1.5m deep	CM	41		
C	Return fill and ram around foundations	CM	19		
D	100mm thick hardcore filling: with 50mm thick selected lake sand blinding	SM	208		
E	Allow for keeping the excavations free from water by pumping or bailing or any other appropriate method <u>Concrete Work</u> <u>Plain concrete class 20</u>	Item			
F	Strip foundations	CM	6		
G	75mm thick slab	SM	208		
	Total carried to collection				

PROPOSED CONSTRUCTION OF COMMUNITY ECO-LODGE AT WENYI-WENYI IN KIDEPO VALLEY NATIONAL PARK

ITEM	DESCRIPTION	UNIT	QTY		
	<u>Form work</u>				
A	Sawn formwork to edge of slab 125mm high	LM	80		
	<u>Damp proof Membrane</u>				
B	230mm wide D.p.c below walls	LM	57		
	<u>Plinth wall</u>				
	<u>Solid burnt clay brick walls to BS 6073 with 25mm wide strip of 2mm thick hoop iron into alternate horizontal joints in the wall centre: bedded and jointed in cement and sand (1:4) mortar in;</u>				
C	230mm thick walls	SM	68		
	Total carried to collection				
	Collection				
	Page No		2/1/1.		
	Page No		2/1/2.		
	Total Substructure carried to summary				

2/1/2.



# PROPOSED CONSTRUCTION OF COMMUNITY ECO-LODGE AT WENYI-WENYI IN KIDEPO VALLEY NATIONAL PARK

ITEM	DESCRIPTION	UNIT	QTY		
	ELEMENT NO.2				
	REINFORCED CONCRETE IN SUPERSTRUCTURE				
	Steel reinforcement as described				
A	12mm diameter bars in; Columns	KG			
B	Beams	KG	73		
	8mm diameter bars in;				
C	Beams	KG	67		
D	Columns	KG			
	Form work				
E	Sawn formwork to columns	SM			
F	Ditto but to beam sides and soffits	SM	16		
	Reinforced concrete class 25				
G	Columns and Beams	CM	2		
	Total RC Superstructure carried to summary				

ITEM	DESCRIPTION	UNIT	QTY		
	<p>ELEMENT NO.3</p> <p>WALLING AND BUILDING FRAME</p> <p><u>Precast concrete units: Grade 25: reinforced as necessary and finished fairface on all exposed surfaces including hoisting and fixing in position.</u></p>				
A	<p>75 x 285mm sunk weathered and throated window cills</p> <p><u>Solid burnt clay brick walls to BS 6073 with 25mm wide strip of 2mm thick hoop iron into alternate horizontal joints in the wall centre: bedded and jointed in cement and sand (1:4) mortar in;</u></p>	LM	2		
B	<p>230mm thick Wall</p> <p><u>Unsawn treated eucalyptus poles set in mass concrete (38mm aggregate) mix ratio 1:3:6 with appropriate anchors to plinth walls with hoop irons into alternate horizontal joints</u></p>	SM	59		
C	<p>4" Thick poles set 2400mm centres within plinth wall line on sides poultry holding.</p>	PCS	30		
D	<p>Allow sum for wall plate to cap the wall frame and receive roof structure frame</p>	PCS	30		

PROPOSED CONSTRUCTION OF COMMUNITY ECO-LODGE AT WENYI-WENYI IN KIDEPO VALLEY NATIONAL PARK

ITEM	DESCRIPTION	UNIT	QTY		
	Total Walling carried to summary				

2/3/4.



## PROPOSED CONSTRUCTION OF COMMUNITY ECO-LODGE AT WENYI-WENYI IN KIDEPO VALLEY NATIONAL PARK

ITEM	DESCRIPTION	UNIT	QTY		
	ELEMENT NO. 5  WINDOWS AND DOORS PURPOSE MADE WINDOWS AND DOORS: INCLUDING IRONMONGERY AND ALL ACCESSORIES TO ARCHITECTS DRAWING  WINDOWS.				
A	1200 x 1500 mm high Window frame  Supply and fix with gauze	NO	1		
B	Coffee tray mesh to frame  DOORS.  <u>45mm THICK SOLID CORED DOORS Wooden</u> <u>doors: to Architect's approval ; all to Architect's</u> <u>detailed drawing</u>	SM	2		
C	Overall size 900mm wide x 2400mm high	NO	1		
	Total Windows carried to summary				

2/5/6.



PROPOSED CONSTRUCTION OF COMMUNITY ECO-LODGE AT WENYI-WENYI IN KIDEPO VALLEY NATIONAL PARK

ITEM	DESCRIPTION	UNIT	QTY		
	<b>WALL FINISHES</b> <b>EXTERNAL FINISHES</b> <b>Cement-sand 1:4</b>				
A	20mm render in two coats ; steel trowelled smooth to all unplastered walls.	SM	46.0		
B	Ditto but reveals	LM	18		
	<b>Cement-sand mortar mix 1:3</b>				
C	Prepare and rough cast external renderings in mud wattle as directed by the engineer.	SM	22		
	<b>INTERNAL FINISHES</b>				
	Prepare and apply MUD AND WATTLE as SPECIFIED to:				
D	Unplastered walls and concrete surfaces steel trowelled rough but even.	SM	22		
	<b>Total carried to collection</b>				
	<b>Collection</b> Page No Page No	2/6/7. 2/7/8.			
	<b>Total FINISHES carried to summary</b>				





PROPOSED CONSTRUCTION OF COMMUNITY ECO-LODGE AT WENYI-WENYI IN KIDEPO VALLEY NATIONAL PARK

ITEM	DESCRIPTION	PAGE NO	AMOUNT (UGX)
	<p style="text-align: center;"><u>SUMMARY</u> <u>BILL NO. 2</u> <u>MAIN STRUCTURE</u></p>		
1	SUBSTRUCTURE	2/1/2.	0
2	R.C SUPERSTRUCTURE	2/2/3.	0
3	WALLING AND BUILDING FRAME	2/3/4.	0
4	ROOF CONSTRUCTION	2/4/5.	0
5	WINDOWS AND DOORS	2/5/6.	0
6	FINISHES	2/7/8.	0
	TOTAL MAIN STRUCTURE CARRIED TO MAIN SUMMARY		0



**Bill . No. 3**  
**12 Luxury Cabins**





ITEM	DESCRIPTION	UNIT	QTY		
	<u>Form work</u>				
A	Sawn formwork to edge of slab 125mm high	LM	15		
	<u>Damp proof membrane</u>				
C	230mm wide D.p.c below walls	LM	15		
	<u>Plinth wall</u>				
	Solid burnt clay brick walls to BS 6073 with 25mm wide strip of 2mm thick hoop iron into alternate horizontal joints in the wall centre: bedded and jointed in cement and sand (1:4) mortar in;				
D	200mm thick walls	SM	58		
	Subtotal for one cabin				
	Total for 12 cabins	NOS	12		
	Total carried to collection				
	COLLECTION				
	Page no.	3/1/1.			
	Page no.	3/1/2.			

PROPOSED CONSTRUCTION OF COMMUNITY ECO-LODGE AT WENYI-WENYI IN KIDEPO VALLEY NATIONAL PARK

ITEM	DESCRIPTION	UNIT	QTY		
	Total Substructure carried to summary				

3/1/2.





ITEM	DESCRIPTION	UNIT	QTY		
	<p>ELEMENT NO. 3</p> <p>WALLING AND BUILDING FRAME</p> <p><u>Precast concrete units: Grade 25: reinforced as necessary and finished fairface on all exposed surfaces including hoisting and fixing in position.</u></p>				
A	75 x 285mm sunk weathered and throated window cills	LM			
	Solid burnt clay brick walls to BS 6073 with 25mm wide strip of 2mm thick hoop iron into alternate horizontal joints in the wall centre: bedded and jointed in cement and sand (1:4) mortar in;				
B	230mm thick Wall	SM	58		
	<u>Unsawn treated eucalyptus poles set in mass concrete (38mm aggregate) mix ratio 1:3:6 with appropriate anchors to plinth walls with hoop irons into alternate horizontal joints</u>				
C	4" Thick poles set 2400mm centres within plinth wall line on sides poultry holding.	PCS	10		
D	Allow sum for wall plate to cap the wall frame and receive roof structure frame	PCS	10		
	Subtotal for one cabin				
	Total for 12 cabins	NOS	12		

ITEM	DESCRIPTION	UNIT	QTY		
	Total Walling carried to summary				



ITEM	DESCRIPTION	UNIT	QTY		
	ELEMENT NO. 5				
	WINDOWS AND DOORS				
	PURPOSE MADE WINDOWS AND DOORS: INCLUDING IRONMONGERY AND ALL ACCESSORIES TO ARCHITECTS DRAWING				
	WINDOWS.				
A	Size 1000 x 1200 mm high	NO	2		
	Supply and fix with gauze				
B	Coffee tray mesh to frame	SM	3		
	DOORS.				
	<u>45mm THICK SOLID CORED DOORS Wooden doors:</u> <u>to Architect's approval ; all to Architect's detailed</u> <u>drawing</u>				
C	Overall size 900mm wide x 2100mm high	NOS	2		
D	Overall size 1000mm wide x 2400mm high	NOS	1		
	Place Canvas dressing with gauzed options on framed openings on sides of the cabin holding and secure appropriately.				
E	Canvas Cover to specifications on open parts of the 1650mm high side frame with gauze	SM	35		
	Subtotal for one cabin				
	Total for 12 cabins	NOS	12		
	Total Windows/DOORS carried to summary				



ITEM	DESCRIPTION	UNIT	QTY		
	<b>WALL FINISHES</b>				
	<b>EXTERNAL FINISHES</b>				
A	20mm render in two coats ; steel trowelled smooth to all unplastered walls.	SM	39.0		
B	Ditto but reveals	LM	8		
	<b>Cement-sand mortar mix 1:3</b>				
C	Prepare and rough cast external renderings in mud wattle as directed by the engineer.	SM	30		
	<b>INTERNAL FINISHES</b>				
	<b>Prepare and apply MUD AND WATTLE as SPECIFIED to:</b>				
D	Unplastered walls and concrete surfaces steel trowelled rough but even.	SM	30		
	Subtotal for one cabin				
	Total for one cabin	NOS	12		
	<b>Total carried to collection</b>				
	<b>COLLECTION</b>				
	Page no	3/6/7.			
	Page no	3/6/8.			

PROPOSED CONSTRUCTION OF COMMUNITY ECO-LODGE AT WENYI-WENYI IN KIDEPO VALLEY NATIONAL PARK

ITEM	DESCRIPTION	UNIT	QTY		
	Total FINISHES carried to summary				

3/6/8.

PROPOSED CONSTRUCTION OF COMMUNITY ECO-LODGE AT WENYI-WENYI IN KIDEPO VALLEY NATIONAL PARK

ITEM	DESCRIPTION	UNIT	QTY		



**Bill . No. 4**  
**10 Chalets**



PROPOSED CONSTRUCTION OF COMMUNITY ECO-LODGE AT WENYI-WENYI IN KIDEPO VALLEY NATIONAL  
PARK

ITEM	DESCRIPTION	PAGE NO	AMOUNT (UGX)
	<u>SUMMARY</u> <u>BILL NO. 3</u> <u>12 CABINS</u>		
1	SUBSTRUCTURE	3/1/2.	0
2	R.C SUPERSTRUCTURE	3/2/3.	0
3	WALLING	3/3/4	0
4	ROOF CONSTRUCTION	3/4/5.	0
5	WINDOWS/DOORS/CANVAS	3/5/6.	0
6	FINISHES	3/6/8.	0
	TOTAL 12 LUXURY CABINS CARRIED TO MAIN SUMMARY		0



PROPOSED CONSTRUCTION OF COMMUNITY ECO-LODGE AT WENYI-WENYI IN KIDEPO VALLEY NATIONAL PARK

ITEM	DESCRIPTION	UNIT	QTY		
	<b>BILL NO.4</b>				
	<b>10 CHALETS</b>				
	<b>ELEMENT NO. 1</b>				
	<u>Substructure</u>				
A	Excavate vegetable soil average 150mm deep.	SM	30		
B	Excavate for strip foundation n.e 1.5m deep	CM	17		
C	Return fill and ram around foundations	CM	7		
D	200mm thick hardcore filling; with 50mm thick selected lake sand blinding	SM	28		
E	Allow for keeping the excavations free from water by pumping or bailing or any other appropriate method	Item			
	<u>Concrete Work</u>				
	<u>Plain concrete class 20</u>				
F	Strip foundations	CM	3		
G	100mm thick slab	SM	31		
	Subtotal for one chalet				
	Total for 10 chalets	NOS	10		
	<b>Total carried to collection</b>				

ITEM	DESCRIPTION	UNIT	QTY		
A	<u>Form work</u> Sawn formwork to edge of slab 125mm high	LM	23		
	<u>Damp proof membrane</u>				
B	230mm wide D.p.c below walls	LM	24		
E	<u>Plinth wall</u> <u>Solid burnt clay brick walls to BS 6073 with</u> <u>25mm wide strip of 2mm thick hoop iron into</u> <u>alternate horizontal joints in the wall centre:</u> <u>bedded and jointed in cement and sand (1:4)</u> <u>mortar in;</u>				
	200mm thick walls	SM	28		
	<u>Subtotal for one chalet</u>				
	Total for one chalet	NOS	10		
	Total carried to collection				
	Collection				
	Page No		4/1/1.		
	Page No		4/1/2.		
	Total Substructure carried to summary				

PROPOSED CONSTRUCTION OF COMMUNITY ECO-LODGE AT WENYI-WENYI IN KIDEPO VALLEY NATIONAL PARK

ITEM	DESCRIPTION	UNIT	QTY		
	ELEMENT NO.2				
	REINFORCED CONCRETE IN SUPERSTRUCTURE				
	Steel reinforcement as described				
	12mm diameter bars in;				
A	Columns	KG			
B	Beams	KG	27		
	8mm diameter bars in;				
C	Beams	KG	24		
D	Columns	KG	7		
	Form work				
E	Sawn formwork to columns	SM	22		
F	Ditto but to beam sides and soffits	SM	8		
	Reinforced concrete class 25				
G	Columns and Beams	CM	1		
	Subtotal for one chalet				
	Total for one chalet	NOS	10		
	Total RC Superstructure carried to summary				

ITEM	DESCRIPTION	UNIT	QTY		
	<p>ELEMENT NO.3</p> <p>WALLING AND BUILDING FRAME</p> <p><u>Precast concrete units: Grade 25: reinforced as necessary and finished fairface on all exposed surfaces including hoisting and fixing in position.</u></p>				
A	<p>75 x 285mm sunk weathered and throated window cills</p> <p><u>Solid burnt clay brick walls to BS 6073 with 25mm wide strip of 2mm thick hoop iron into alternate horizontal joints in the wall centre: bedded and jointed in cement and sand (1:4) mortar in;</u></p>	LM	4		
B	<p>200mm thick Wall</p> <p><u>Unsawn treated eucalyptus poles set in mass concrete (38mm aggregate) mix ratio 1:3:6 with appropriate anchors to plinth walls with hoop irons into alternate horizontal joints</u></p>	SM	32		
C	<p>3" Thick poles set 2400mm centres within plinth wall line on sides holding.</p>	PCS	15		
D	<p>Allow sum for wall plate to cap the wall frame and receive roof structure frame</p>	PCS	4		
	Subtotal for one chalet	NOS	10		



PROPOSED CONSTRUCTION OF COMMUNITY ECO-LODGE AT WENYI-WENYI IN KIDEPO VALLEY NATIONAL PARK

ITEM	DESCRIPTION	UNIT	QTY		
	Total Walling carried to summary				

4/3/4.

PROPOSED CONSTRUCTION OF COMMUNITY ECO-LODGE AT WENYI-WENYI IN KIDEPO VALLEY NATIONAL PARK

ITEM	DESCRIPTION	UNIT	QTY		
	ELEMENT NO. 4				
	ROOF CONSTRUCTION				
	Pressure impregnated sawn cypress timber				
A	6" wallplate	LM	27		
B	5" tie beam	LM	18		
C	3" ties and struts	LM	12		
D	4" principle rafters	LM	32		
E	4" common rafters	LM	32		
F	6" Ridge	LM	10		
G	3" Battens	LM	80		
	Roof Covering				
K	Grass thatching	SM	70		
L	Extra over for ridge capping in cement mortar	LM	56		
	Subtotal for one chalet	NOS	10		
	Total Roof carried to summary				

ITEM	DESCRIPTION	UNIT	QTY		
	ELEMENT NO. 5				
	WINDOWS AND DOORS				
	PURPOSE MADE WINDOWS AND DOORS: INCLUDING IRONMONGERY AND ALL ACCESSORIES TO ARCHITECTS DRAWING				
	WINDOWS.				
A	1000 x 1200 mm high Supply and fix with gauze	NO	2		
E	Coffee tray mesh to frame	SM	3		
	DOORS.				
	<u>45mm THICK SOLID CORED DOORS Wooden doors: to Architect's approval ; all to Architect's detailed drawing</u>				
G	Overall size 900mm wide x 2100mm high	NOS	2		
H	Overall size 900mm wide x 2400mm high	NOS	1		
	Place GAUZE on steel square mesh holding and secure appropriately.				
I	Cover Open areas on side frame with wire mesh and	SM	24		
	Subtotal for one chalet				
	Total for one chalet	NOS	10		
	Total Windows/doors carried to summary				

ITEM	DESCRIPTION	UNIT	QTY		
	ELEMENT NO.6				
	FINISHES.				
	FLOOR FINISHES.				
A	12mm Thick cement-sand screeding laying and finished to 9mm as approved by engineer.	SM	28		
B	100X25 Skirt square top and coved junction at the bottom.	LM	18		
	<u>Prepare, touch up with staining to specifications:</u>				
G	To screeded surfaces (measured flat )	SM	11		
	Total carried to collection(floor finishes)				

PROPOSED CONSTRUCTION OF COMMUNITY ECO-LODGE AT WENYI-WENYI IN KIDEPO VALLEY NATIONAL PARK

ITEM	DESCRIPTION	UNIT	QTY		
	<b>WALL FINISHES</b>				
	<b>EXTERNAL FINISHES</b>				
A	20mm render in two coats ; steel trowelled smooth to all unplastered walls.	SM	28.0		
B	Ditto but reveals	LM	4		
	<b>Cement-sand mortar mix 1:3</b>				
	Prepare and apply three coats of gloss paint as obtained from Sadolin Paints (U) Ltd to:				
C	Prepare and rough cast external renderings in mud wattle as directed by the engineer.	SM	24		
	<b>INTERNAL FINISHES</b>	SM	5		
D	Unplastered walls and concrete surfaces steel trowelled rough but even.	SM	18		
	Subtotal for one chalet				
	Total for one chalet	NOS	10		
	<b>Total carried to collection</b>				
	<b>Collection</b>				
	Page No	4/6/7.			
	Page No	4/6/8.			
	<b>Total FINISHES carried to summary</b>				

4/6/8.



PROPOSED CONSTRUCTION OF COMMUNITY ECO-LODGE AT WENYI-WENYI IN KIDEPO VALLEY NATIONAL PARK

ITEM	DESCRIPTION	PAGE NO	AMOUNT (UGX)
	<u>SUMMARY</u> <u>BILL NO. 4</u> <u>CHALET</u>		
1	SUBSTRUCTURE	4/1/2.	0
2	R.C SUPERSTRUCTURE	4/2/3.	0
3	WALLING AND BUILDING FRAME	4/3/4.	0
4	ROOF CONSTRUCTION	4/4/5.	0
5	WINDOWS AND MESH VENTILATION	4/5/6.	0
6	DOORS	4/6/8.	0
	TOTAL 10 CHALETS CARRIED TO MAIN SUMMARY		0

