

Bill . No. 1
Preliminaries

ITEM	DESCRIPTION	
A	<p>BILL NO. 1</p> <p>PRELIMINARIES</p> <p>DEFINITIONS AND ABBREVIATIONS</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>	
	Total carried to collection	

1/1/1.

PROPOSED COMMUNITY ECO LODGE AT WENYI - WENYI IN KVNP

ITEM	DESCRIPTION	
A	<p>PRICING</p> <p>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>	
B	<p>SITE VISITS</p> <p>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>	
C	<p>SITE LEVELS AND DIMENSIONS</p> <p>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>	
	Total carried to collection	

1/1/3.

PRELIMINARIES

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>SITE SUPERVISION, ATTENDANCE AND MEETINGS</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</p> <p>TRANSPORT TO AND FROM SITES</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>	
	Total carried to collection	

1/1/5.

ITEM	DESCRIPTION	
	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.	
A	OVERTIME WORK The contractor shall be responsible for any extra costs for overtime work he considers necessary for completing the works within the contract period.	
B	WATER FOR THE WORKS 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 Low water table bore hole complete with solar water pump	
C	LIGHTING AND ELECTRICITY The contractor shall supply, install and distribute solar power of sufficient capacity and quality for lighting and electricity for all camp structures	
D	TEMPORARY WORKS AND BUILDINGS 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	
	Total to be carried to collection	

1/1/7.

PROPOSED COMMUNITY ECO LODGE AT WENYI - WENYI IN KVN

ITEM	DESCRIPTION	
	<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>COMMUNICATION</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>HEALTH, SAFETY AND SANITATION</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>	
	Total carried to collection	

1/1/9.

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PROPOSED COMMUNITY ECO LODGE AT WENYI - WENYI IN KVNP

ITEM	DESCRIPTION	
A	<p>TAXES</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>	
B	<p>COPYRIGHT</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	

1/1/11.

PRELIMINARIES

Bill . No. 2
Main structure

PROPOSED COMMUNITY ECO LODGE AT WENYI - WENYI IN KVNP

ITEM	DESCRIPTION	UNIT	QTY		
	BILL NO.2				
	4 CHALETS				
	ELEMENT NO. 1				
	<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	Approved insecticide treatment	Item			
D	Return fill and ram around foundations	CM	7		
E	200mm thick hardcore filling; with 50mm thick selected lake sand blinding	SM	28		
F	G1000 polythene sheeting with 2000mm laps	Sm	31		
G	Allow for keeping the excavations free from water by pumping or bailing or any other appropriate method	Item			
	<u>Concrete Work</u>				
	<u>Concrete class 20</u>				
H	BRC A142 wire mesh	SM	31		
I	Strip foundations	CM	3		
J	100mm thick slab	SM	31		
	Subtotal for one chalet				
	Total for 4 chalets	NOS	4		
	Total carried to collection				

PROPOSED COMMUNITY ECO LODGE AT WENYI - WENYI IN KVNP

ITEM	DESCRIPTION	UNIT	QTY		
	ELEMENT NO.2				
	REINFORCED CONCRETE IN SUPERSTRUCTURE				
	Steel reinforcement as described				
	12mm diameter bars in;				
A	Columns	KG	0		
B	Beams	KG	124		
	8mm diameter bars in;				
C	Beams	KG	104		
D	Columns	KG	0		
	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	3		
	Subtotal for one chalet				
	Total for 4 chalet	NOS	4		
	Total RC Superstructure carried to summary				

PROPOSED COMMUNITY ECO LODGE AT WENYI - WENYI IN KVNP

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	1		
	Total Roof carried to summary		4		

4/4/5.

PROPOSED COMMUNITY ECO LODGE AT WENYI - WENYI IN KVNP

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	300x300x10mm thick approved non ceramic floortiles; bedded and jointed in approved adhesive, pointed with approved coloured cement	SM	6		
C	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		
	Sub for one				
	Total carried to collection(floor finishes)		4		

PROPOSED COMMUNITY ECO LODGE AT WENYI - WENYI IN KVNP

ITEM	DESCRIPTION	PAGE NO	
	<p><u>SUMMARY</u> <u>BILL NO. 2</u> <u>CHALET</u></p>		
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
7	ELECTRICAL AND MECHANICAL INSTALLATION		0
	TOTAL 4 CHALETS CARRIED TO MAIN SUMMARY		0

Bill . No. 3
12 Luxury Cabins

PROPOSED COMMUNITY ECO LODGE AT WENYI - WENYI IN KVNP

ITEM	DESCRIPTION	UNIT	QTY		
	BILL NO.3				
	STAFF ACCOMMODATION				
	ELEMENT NO. 1				
	<u>Substructure</u>				
A	Excavate vegetable soil average 150mm deep.	SM	280		
B	Excavate for strip foundation n.e 1.5m deep	CM	35		
C	Return fill and ram around foundations	CM	25		
D	200mm thick hardcore filling: with 50mm thick selected lake sand blinding	SM	218		
E	Allow for keeping the excavations free from water by pumping or bailing or any other appropriate method	Item			
F	Approved antitermite treatment	item			
	<u>Concrete Work</u>				
	<u>Plain concrete class 20</u>				
G	Strip foundations	CM	7		
H	G1000 polythene sheeting with 2000mm laps	SM	222		
I	100mm thick slab	SM	222		
J	BRC A142 mesh	SM	222		
	Total carried to collection				

ITEM	DESCRIPTION	UNIT	QTY		
	ELEMENT NO.2				
	REINFORCED CONCRETE IN SUPERSTRUCTURE				
	Steel reinforcement as described				
	12mm diameter bars in;				
A	Columns	KG	100		
B	Beams	KG	342		
	8mm diameter bars in;				
C	Beams	KG	298		
D	Columns	KG	87		
	Form work				
E	Sawn formwork to columns	SM	87		
F	Ditto but to beam sides and soffits	SM	45		
	Reinforced concrete class 25				
G	Columns and Beams	CM	3		
	Total RC Superstructure carried to summary				

PROPOSED COMMUNITY ECO LODGE AT WENYI - WENYI IN KVNP

ITEM	DESCRIPTION	UNIT	QTY		
	ELEMENT NO. 4				
	ROOF CONSTRUCTION				
	Pressure impregnated sawn cypress timber				
A	100 x 75 mm wallplate	LM	58		
B	150 x 50 mm tie beam	LM	295		
C	100 x 50 mm ties and struts	LM	162		
D	150x 50 mm principle rafters	LM	216		
E	150x 50 mm common rafters	LM	216		
F	150x 50 mm Ridge	LM	30		
H	100 x 50 mm purlins	LM	361		
	Roof Covering				
K	28 guage VERSATILE iron sheets	SM	383		
L	Extra over for ridge piece	LM	39		
	Total Roof carried to summary				

PROPOSED COMMUNITY ECO LODGE AT WENYI - WENYI IN KVNP

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	118		
B	300x300x10mm thick approved non ceramic floortiles; bedded and jointed in approved adhesive, pointed with approved coloured cement	SM	24		
C	100X25 Skirt square top and coved junction at the bottom.	LM	80		
	WALL FINISHES				
	EXTERNAL FINISHES				
C	20mm render in two coats ; steel trowelled smooth to all unplastered walls.	SM	1		
D	Ditto but reveals	LM	1		
	Cement-sand mortar mix 1:3				
	Prepare and apply three coats of gloss paint as obtained from Sadolin Paints (U) Ltd to:				
E	Prepare and rough cast external renderings in mud wattle as directed by the engineer.	SM	11		
	INTERNAL FINISHES				
F	Unplastered walls and concrete surfaces steel trowelled rough but even.	SM			
G	300x200x6mm glazed wall tiles; bedded and pointed in white cement to walls	SM	78		
	Total carried to collection				

5/6/7.

PROPOSED COMMUNITY ECO LODGE AT WENYI - WENYI IN KVN

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

Bill . No. 4
10 Chalets

PROPOSED COMMUNITY ECO LODGE AT WENYI - WENYI IN KVNP

ITEM	DESCRIPTION	UNIT	QTY		
	BILL NO.4				
	TENT CAMP WASHROOMS				
	ELEMENT NO. 1				
	<u>Substructure</u>				
A	Excavate vegetable soil average 150mm deep.	SM	109		
B	Excavate for strip foundation n.e 1.5m deep	CM	61		
C	Return fill and ram around foundations	CM	27		
D	200mm thick hardcore filling: with 50mm thick selected lake sand blinding	SM	77		
E	Allow for keeping the excavations free from water by pumping or bailing or any other appropriate method	Item			
F	Approved antitermite treatment	item			
	<u>Concrete Work</u>				
	<u>Plain concrete class 20</u>				
F	Strip foundations	CM	10		
G	100mm thick slab	SM	84		
H	G1000 polythene sheeting with 2000mm laps	SM	222		
I	BRC A142 mesh	SM	222		
	Total carried to collection				

ITEM	DESCRIPTION	UNIT	QTY
A	ELEMENT NO.2 REINFORCED CONCRETE IN SUPERSTRUCTURE Steel reinforcement as described 12mm diameter bars in; Columns	KG	267
B	Beams	KG	242
C	8mm diameter bars in; Beams	KG	211
D	Columns	KG	75
E	Form work Sawn formwork to columns	SM	29
F	Ditto but to beam sides and soffits	SM	41
G	Reinforced concrete class 25 Columns and Beams	CM	4
	Total RC Superstructure carried to summary		

PROPOSED COMMUNITY ECO LODGE AT WENYI - WENYI IN KVNP

ITEM	DESCRIPTION	UNIT	QTY		
	ELEMENT NO. 4				
	ROOF CONSTRUCTION				
	Pressure impregnated sawn cypress timber				
A	100 x 75 mm wallplate	LM	68		
B	150 x 50 mm tie beam	LM	139		
C	100 x 50 mm ties and struts	LM	55		
D	150x 50 mm principle rafters	LM	54		
E	150x 50 mm common rafters	LM	54		
F	150x 50 mm Ridge	LM	15		
H	100 x 50 mm purlins	LM	75		
	Roof Covering				
K	G28 green prepainted corrugated iron sheets	SM	180		
L	Extra over for ridge piece	LM	14		
	Total Roof carried to summary				

8/4/5.

PROPOSED COMMUNITY ECO LODGE AT WENYI - WENYI IN KVN

ITEM	DESCRIPTION	UNIT	QTY		
	<p>ELEMENT NO.6</p> <p>DOORS.</p> <p><u>45mm THICK SOLID CORED DOORS Wooden doors: to Architect's approval ; all to Architect's detailed drawing</u></p>				
A	<p>Overall size 900mm wide x 2100mm high</p> <p><u>Wrought hardwood, selected, treated and kept clean in</u></p>	NO	10		
B	40 x 200mm Frame with two labours.	LM	51		
C	40 x 200mm Transome with two labours	LM	22		
D	25 x 75mm Architrave with two labours.	LM	55		
	<p>Supply and fix Purpose made steel casement doors manufactured from Standard sections: assembled and delivered to site: supply and fixing approved 6mm glass, ironmongery comprising approved hinges, pivoting mechanisms, including permanent louvers, mosquito</p>				
E	<p>Overall size 1000 x 2400mm high</p> <p><u>Prepare, touch up primer, apply one undercoat and three finishing coats of approved gloss oil paint to:</u></p>	NO	2		
F	Metal surfaces (measured flat on both sides)	SM	6		
	Total carried to collection				

8/6/7.

PROPOSED COMMUNITY ECO LODGE AT WENYI - WENYI IN KVNP

ITEM	DESCRIPTION	UNIT	QTY		
A	<p>ELEMENT NO.7</p> <p>EXTERNAL FINISHES.</p> <p><u>External render: 15mm first coat of cement/lime putty/sand (1:2:9): 5mm second coat of cement/lime putty/sand (1:1:6): steel trowelled: on masonry or concrete: to;</u></p> <p>Walls</p>	SM	87		
	<p>PAINTING</p> <p><u>Prepare surfaces: apply three coats "Sadolin" or any other approved weather guard paint: to rendered surfaces in;</u></p> <p>Plastered walls</p>	SM	87		
Total External Finishes carried to summary					

PROPOSED COMMUNITY ECO LODGE AT WENYI - WENYI IN KVNP

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8/9/11.

PROPOSED COMMUNITY ECO LODGE AT WENYI - WENYI IN KVNP

ITEM	DESCRIPTION	UNIT	QTY		
	ELEMENT NO. 11				
	ELECTRICAL INSTALLATIONS				
A	100A SPN 12-ways flush mounted consumer's unit with main income circuit breakers and all accessories as to crabtree or equal approved.	NO	1		
B	Lighting Points wired with 3 x 1.5mm ² Single Core cables in 20mm diameter PVC Conduit	NO	14		
C	Socket Points wired with 3 x 2.5mm ² Single core cables in 20mm diameter PVC Conduit	NO	2		
	<u>ACCESSORIES</u>				
D	1 Gang 1 Way Switch	NO	12		
E	2 Gang 2 Way Switch	NO	2		
F	Double socket outlet	NO	2		
G	Control Unit medium	NO	1		
	Total carried to collection				

8/11/13.