ITEM	DESCRIPTION	UNIT	AMOUNT
	PRELIMINARIES		
	General Matters		
A	Water for the works.	ITEM	N/A
B	Lighting and Power for the works.	ITEM	N/A
C	Insurance against injury to persons, property and works.	ITEM	N/A
D	Security and transport.	ITEM	N/A
E	Temporary Buildings for the Contractor's use.	ITEM	N/A
F	Temporary fencing, hoarding, screening etc.	ITEM	N/A
G	Removal of rubbish and cleaning.	ITEM	N/A
H	Health, safety and enviromental compliance.	ITEM	N/A
	TOTAL FOR PRELIMINARIES TO GRAND SUMMARY		**-**

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT
	BILL NO. 1 **ELEMENT NO. 1**				
	SUBSTRUCTURE (All Provisional) **Excavations and Earthworks**				
A	Clear site off bushes, shrubs undergrowth and the like including grubbing up their roots and burn the arising on site as directed.	136	SM		-
B	Excavate to remove black cotton soil from reduced level and not exceeding 1.5 metres; wheel, deposit and spread where directed.	136	CM		-
C	Excavate foundation trench not exceeding 1.50 metres deep starting from reduced level.	15	CM		-
D	Excavate for column bases not exceeding 1.50 metres deep starting from reduced level.	15	CM		-
	Disposal of Water				-
E	Include Plunking and strutting and keeping excavation free of water in earth work rates.	1	ITEM		-
	Filling				-
F	Hardcore filling compacted in layers of 150mm not exceeding 300mm thick.	17	CM		-
G	50mm thick murrum blinding to surfaces of fill.	64	SM		-
H	Treat surface of hardcore with "Gladiator" insecticide to manufacturers specification and provide 10 years guarantee certificate.	64	SM		-
I	500 gauge polythene sheet damp proof membrane on blinded hardcore.	64	SM		-
	Concrete Works				-
	Vibrated reinforced concrete class 20/20 in:-				-
J	Column bases.	1	CM		-
K	Columns.	1	CM		-
	TOTAL CARRIED TO COLLECTION				**-**

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT
	SUBSTRUCTURE Continued				
	Vibrated reinforced concrete class 20/20 in:-				
A	Strip foundation footing.	4	CM		-
B	Ground beam	2	CM		-
C	150mm thick slab.	64	SM		-
	Reinforcement to Foundation				
	High yielding tensile square twisted steel reinforcement to BS 4461 including cutting,				
D	**bending, overlap, space, blocks and tying stirrups in;**				
	Assorted bars.	420	KG		-
	Steel mesh fabric reinforcement as described in BS 4483;				
E	Steel mesh fabric reinforcement type A142 weighing 2.22Kg/m2 in ground floor slab with 200mm laps.	64	SM		-
	Sawn Formwork to;				
F	Sides of column bases.	5	SM		-
G	Sides of columns.	5	SM		-
H	Sides of strip foundation.	10	SM		-
I	Ground beam	6	SM		-
	Foundation Walling				
J	200mm thick strip foundation; natural stone wall bedded and jointed in cement/sand (1:3) mortar reinforced with hoop iron every alternate course.	56	SM		-
	Plinth Finish				
K	Three ply hessian based bituminous felt damp proof course bedded on cement/sand (1:3) mortar; 200mm wide.	0	LM		-
	TOTAL CARRIED TO COLLECTION				**-**
	COLLECTION				
	Brought forward from sub & super- structure works page 1				-
	Brought forward from sub & super-structure works page 2				-
	TOTAL CARRIED TO SUMMARY				**-**

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT
	SUPER STRUCTURE				
	ELEMENT NO. 2				
	CONCRETE SUPERSTRUCTURE				
	Vibrated reinforced concrete class 20/20 in;				
A	Columns.	0	CM		-
B	Beams.	2	CM		-
					-
	Reinforcement (All provisional)				-
					-
	High yielding tensile square twisted steel				-
	reinforcement to BS 4461 including cutting,				-
	bending, overlap, space, blocks and tying stirrups in;				-
F	Assorted bars.	162	KG		-
					-
	Sawn Formwork to;				-
					-
G	Sides of columns	0	SM		-
H	Sides and soffits of, ring beams and lintols	9	SM		-
					-
					-

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT
	ELEMENT NO. 3				
	WALLING				
	Damp Proof Course				
A	200mm wide three ply Hessian based bituminous damp proof course; bedded on cement/sand (1:3) mortar; to external walling.	28	LM		-
	Masonry Stone Wall				-
	Machine dressed natural stone walling jointed in cement/sand mix (1:3), reinforced with 20 x 4mm hoop iron at every alternate coarse in;				-
B	200mm thick external walls.	64	SM		-
C	200mm thick internal walls.	14	SM		-
D	150mm thick internal walls.	0	SM		-
	TOTAL CARRIED TO SUMMARY				**-**

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT
	SUBSTRUCTURE & SUPER STRUCTURE SUMMARY				
A	SUBSTRUCTURE				-
B	CONCRETE SUPERSTRUCTURE				-
C	WALLING				-
	TOTAL FOR SUBSTRUCTURE & SUPER STRUCTURE TO GRAND SUMMARY				**-**

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT
	ELEMENT NO. 4				
	ROOF CONSTRUCTION (All Provisional)				
	Roof Covering				
	Roof covering not exceeding 22.5° from horizontal; fixing to timber structure (m/s) with roofing nails and				
A	neoprene washers, J bolts, nuts, and caps.	77	SM		-
					-
	Roof Structure				-
					-
	The following are 16no. Sawn cell-cured cypress roof truss TT1 section with members spanning 11.0m, positioned 7.25m above ground level and spaced at 1000mm c/c; inclusive of all necessary iron mongery to relevant adjoining sections; to the Engineer's specifications;				-
B	100 x 50mm tie beam.	32	LM		-
C	100 x 50mm king post.	6	LM		-
D	100 x 50mm rafters.	43	LM		-
E	75 x 50mm struts and ties.	21	LM		-
F	100x50mm wall plate rag-bolted at 1200mm centers with 12mm diameter bolts (m/s)	16	LM		-
					-
	The following are sawn cell-cured cypress; inclusive of all necessary iron mongery to relevant adjoining sections; to the Engineer's specifications;				-
F	50 x 50mm purlins.	89	LM		-
G	225 x 50mm fascia board.	25	LM		-
H	100 x 25mm UPVC T&G eaves on 50 x 50mm batterns complete with 50 x 25mm moulded cornice plugged to wall.	0	SM		-
					-
	Knot prime stop and apply two undercoats and one gloss oil finishing coat to wood;				-
I	Surfaces between 200mm and 300mm girth (fascia).	13	LM		-
					-
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	TOTAL CARRIED TO COLLECTION				**-**

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT
	ROOF CONSTRUCTION Continued				
	Rainwater Goods				
	The following are stainless steel members of varied diameter sizes; inclusive of all necessary iron mongery here with;				
A	100 x 50mm steel gutters fixed to fascia board with brackets at 1000mm c/c.	0	LM		-
B	100mm diameter rain water downpipe fixed to walls with holder bolts at 800mm c/c.	0	LM		-
	Extra Over for;				
C	75mm diameter sawn neck.	0	NO		-
D	75mm diameter shoe.	0	NO		-
E	100mm stopped ends.	0	NO		-
	TOTAL CARRIED TO COLLECTION				**-**
	COLLECTION				
	Brought forward from roofing page 1				-
	Brought forward from roofing page 2 above				-
	TOTAL FOR ROOF TO GRAND SUMMARY				**-**

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT
	ELEMENT NO. 5				
	DOORS				
	Wrot Hardwood framed frames and framings				
A	150 x 50 mm; 2No labours; plugged door frame	7	LM		-
B	40 x 25 mm weathered architrave	7	LM		-
C	25mm rounded quardrant	7	LM		-
	45mm Panel door; wrot hardwood; Camphor or equal and approved hardwood				
D	Door size 900 x 2100mm high	1	NO		-
E	15 x 90mm hardwood timber louvre fixed on rake as permanent vent on top of all doors	11	LM		-
	Iron mongery				
	Supply and fix the following to UNION catalogue or other equal and approved To hardwood or the like fixing with screws.				
F	Two lever mortice lock complete with set lever brass handle furniture.	1	NO		-
G	100mm Pressed steel butt hinges	3	PRS		-
H	Rubber door stop complete with 38 mm rawl bolt	1	NO		-
	Painting and Decorations **On Wood Work** **Prepare and apply three coats oil paint full gloss to Cr own Solo or other equal and approved to:-**				
I	General surfaces of panel doors Internally	5	SM		-
	Aluminiun primer or other equal and approved wood primer before fixing:-				
J	Backs of frame, board, etc over 100mm but not exceeding 200mm girth.	7	LM		-
	Prepre and apply three coats polyurethane clear varni sh on woodwork internally.				
K	Frames; over 100mm but not exceeding 200mm girth	7	LM		-
	TOTAL FOR DOORS CARRIED TO SUMMARY				-

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT
	ELEMENT NO. 6				
	WINDOWS (All Provisional)				
	Mild Steel Window				
	Steel casement windows in standard section frame including mullions, transomes in-built mosquito proof gauze permanent vents hood with at top, high quality heavy duty polished brass ironmongery to "M/S Kensmetal Ltd" or other equal and approved fasteners, window stays, fixing lags, glazing, and apply primer before fixing (Small panel windows) incorporating 40 x 6mm flat bars burglar proofing welded horizontally and vertically in line with opening light casement transomes and mullions burglar proofing;				
A	1400 x 1600mm high.	5	NO		-
	Glazing				
B	4mm clear glass and glazing with putty in panes between 0.1sm and 0.5sm.	11	SM		-
C	4mm obscure glass ditto.	11	SM		-
	TOTAL FOR WINDOWS CARRIED TO SUMMARY				**-**

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT
	DOORS & WINDOWS SUMMARY				
A	DOORS				-
B	WINDOWS				-
	TOTAL FOR DOORS & WINDOWS TO GRAND SUMMARY				**-**

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT
	ELEMENT NO. 7				
	FINISHES				
	External Finishes				
A	12mm thick cement/sand (1:4) wood float render to walls, columns, beams and ring beam externally.	80	SM		-
	Mazeras Cladding				
B	Cladding on cement/sand (1:4) screed as directed by the Architect.	0	SM		-
	Mouldings				
C	100 x 30mm cement/sand moulding well rounded above cladding; to Architects details.	0	LM		-
D	Window mouldings and casings.	15	LM		-
	Internal Finishes				
	Wall Finishes				
	Cement/Lime/ sand plaster				
E	12mm cement/lime/sand (1:1:6) plaster in two coats to walls and beam internally.	80	SM		-
	Blackboard				
C	3200 x1500mm wide,25 thick blockboard plugged to concrete or blockwork complete with 50x25mm thick chamfered frame all round; 3coats of black bituminous paint.	5	SM		-
	Pavement				
	Paving around the block				
D	600x600 x50mm precast concrete paving blocks laid on well compacted murram base and jointed in cement/sand mortar including necessary excavations.	19	SM		-
	TOTAL CARRIED TO COLLECTION				**-**

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT
	FINISHES Continued				
	Floor Finishes				
	Beds and backings				
A	32 mm thick one coat backings; steel trowelled smooth to concrete base; to floors level; internal.	32	SM		-
B	Skirtings; 100mm wide with rounded junction with wall finish and straight junction with floor finish.	32	LM		-
	Ceiling Finishes				
	Gypsum board ceiling;				
C	12mm thick chip board ceiling fixed/nailed onto brandering (m.s) complete with matching paintwork.	0	SM		-
	TOTAL CARRIED TO COLLECTION				**-**
	COLLECTION				
	Brought forward from finishes page 1				-
	Brought forward from finishes page 2 above				-
	TOTAL FOR FINISHES TO GRAND SUMMARY				**-**

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT
	ELEMENT NO. 7				
	FINISHES (PAINTING & DECORATION)				
	External paint				
	Prepare and apply wall master or other equal and approved paint;				
A	Rendered surfaces of beams ringbeams and columns externally.	40	SM		-
	Internal Paint				
	Prepare and apply one under coat and two coats silk vinyl paint to;				
B	Plastered walls, concrete surfaces and jambs internally.	40	SM		-
	Prepare and apply three coats of first quality of black bitumastic paint to:-				
E	Chalk board;	5	SM		-
	Prepare and apply three coats of gloss oil paint to metal surfaces;				
G	General steel window and door surfaces	13	SM		-
	TOTAL FOR PAINTING & DECORATION TO GRAND SUMMARY				**-**

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT
	ELECTRICAL INSTALLATION				
	Supply, install, test and commission the following;				
1.01	**LIGHTING POINTS**				
	Lighting points wired in drawn in concealed 20mm diameter heavy gauge PVC conduit complete with all necessary accessories excluding switches, fittings and 3 x1.5mm2 PVC/SC copper cables.				
	(a) One way switching	6	NO		-
1.02	10A moulded ivory type switch plates as Crabtree or approved equivalent as follows				
	(a) One gang one way	3	NO		-
	(b) Two gang one way	1	NO		-
	LIGHT FITTINGS AS FOLLOWS:				
1.03	Light fittings complete with lamps of appropriate wattage and colour rendering as follows:				
	b). Single, 4 ft, 1200mm, 1X36W HPF Bare batten fluorescent fitting as THORN PP136.	4	NO		-
	SOCKET OUTLET AND POWER POINTS				
1.04	Socket outlet points wired in drawn in concealed 20mm diameter heavy gauge PVC conduit complete with all necessary accessories excluding switches, fittings and 3 x2.5mm2 PVC/SC copper cables.(Conduit work only but inclusive of blanking plates)	2	NO		-
1.05	13A, 2-gang switched moulded socket outlet plate as Crabtree or approved equivalent	2	NO		-
1.06	Extract fan points wired in drawn in concealed 20mm diameter heavy gauge PVC conduit complete with all necessary accessories excluding switches, fittings and 3 x1.5mm2 PVC/SC copper cables.(Conduit work only but inclusive of blanking plates).				
	i). one way switching	0	NO		-
1.07	Ceiling fans as ORIENT DELUXE complete with speed regulators for item 1.06 above.	0	NO		-
1.08	**CONSUMER UNITS/DISTRIBUTION BOARDS**				
	6-Way SP/N consumer unit as flush mounted complete with a 100A SP/N intergral as CRABTREE or approved equivalent	1	NO		-
1.09	Single pole miniature circuit breakers to fit into the above consumer unit as follows:-				
	TOTAL CARRIED TO COLLECTION				-

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT
	CONT'D				
	(i) 10A SP	1	NO		-
	(ii) 30A SP	1	NO		-
	(iii)Blanking plate	1	NO		-
	SUB MAINS CABLES				
1.10	3 x 16.0 sq mm single-copper cables drawn inside HG conduits	10	LM		-
1.11	Standard cable loop-in box made in gauge 14 swg galvanized steel sheet.	1	NO		-
1.12	Cut-out complete with SP 80 HRC fuses.	1	NO		-
1.13	Single tarrif meterbox made from gauge 12 galvanized steel sheet complete with bonding screw/bolt and viewing glass	1	NO		-
1.15	Electrical earthing comprising 6.0mm2 single-core cables drawn inside HG conduits,1500mm by 15mm diameter copper electrode complete with clamp and a pre-cat concrete inspection pit with cover	1	ITEM		-
1.16	Inspection, testing and commissioning.	1	ITEM		-
1.17	Issuance of commencement & completion certificates as required by KPLC.	1	ITEM		-
	TOTAL CARRIED TO COLLECTION				**-**
	COLLECTION				
	Brought forward from electrical page 1				-
	Brought forward from electrical page 2 above				-
	TOTAL FOR ELECTRICAL INSTALLATION TO GRAND SUMMARY				**-**

ITEM	DESCRIPTION	AMOUNT
	SUMMARY PAGE	
1	SUB-STRUCTURE & SUPER STRUCTURE	-
2	ROOF	-
3	DOORS & WINDOWS	-
4	FINISHES	-
5	PAINTING & DECORATION	-
6	ELECTRICAL INSTALLATION	-
	GRAND TOTAL CARRIED TO CLASSROOM TOTAL	**-**

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	PROJECT BRANDING PROVISIONAL SUMS				
	Tenderers shall allow for provision sum for a project signboard to be branded as per approval of the Project Manager/Fund Account manager. The tenderer shall also allow for branding of the specific building as per the template provided by the Project Manager/Fund Account manager.				
	CLASSROOM				-
A	Provide publicity branding on specified building upon completion of the project as directed by the Project Manager/Fund Account manager.	1	SUM		-
	PROJECT SIGN BOARD				-
B	Allow a sum of One hundred thousand for preparationand erection of a steel sign board 4m high and 2.3m wide, branded as directed by the project manager.	1	SUM		-
					-
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					-
	TOTAL SUM FOR PROJECT BRANDING CARRIED TO CLASSROOM TOTAL				-

Item	Description	Qty	Unit	Rate	Total (Kshs)
	PROJECT MANAGEMENT EXPENSES **Tenderers shall price for the following requirements for project management. These shall then be availed as and when required by the Project Manager.**				
A	Allow for transport and lunch for at least 3No. officers to and from site. Transport to be provided as and when instructed by the Project Manager for the duration of the contract for a maximum of 10 trips.	5	TRIP	15000	75,000.00
B	Allow for transport and lunch allowance for 4No. Officer during bank account opening, application of bank statement and updating of cheque signing manadates.	5	NO	3000	15,000.00
	TENDER OPENING				
C	Allow for transport and lunch for at least 3No. officers to attend tender opening at NG-CDF Office. (1 PMC Members and 2 Technical Officers)	5	NO	5000	25,000.00
	PREPARATION OF TENDER DOCUMENTS				
D	Allow a sum of kenya shillings **Twenty Thousand (20,000.00)** for preparation of technical drawing and tender documents (including any reviews that may be needed during implementation), budget estimates.		SUM		20,000.00
	TENDER EVALUATION				
E	Allow for transport and lunch for at least 5No. officers to attend tender opening at NG-CDF Office. (3 PMC Members and 4 Technical Officers)	7	NO	5000	35,000.00
	FACILITATION FOR THE PUBLIC WORKS INSPECTIONS				
F	Allow for transport and lunch for at least 2No. officers to attend project inspection.	5	TRIP	5000	25,000.00
	TOTAL FOR PMC CARRIED FORWARD TO CLASSROOM TOTAL				**195,000.00**

Item	Description	Qty	Unit	Rate	Total (Kshs)
	CLASSROOM TOTAL				
1	PARTICULAR PRELIMINARY		kes		-
2	CLASSROOM		kes		-
3	PROJECT BRANDING		kes		-
	TOTAL INCLUSIVE OF 16% V.A.T				-
4	ADD 0.03% OF TOTAL CONSTRUCTION COST EXCLUDING 16% V.A.T FOR PUBLIC PROCUREMENT CAPACITY BUILDING LEVY		kes		
5	PROJECT MANAGEMENT EXPENSES		kes		195,000.00
	TOTAL CARRIED TO GRAND SUMMARY				

Contractor's Name and address……

Date……..

Signature……

Witness's Name and Address……

Date……

Signature……

Item	Description of Goods	Quantity	Unit	Rate	Amount
1	**STUDENT DESKS:** a) Size: Approx. 1.5 meters length, 0.80m b) Main Material: Hardwood – well- c) Type: Locally fabricated/made d) Height: 0.80 – 0.9 m (suitable for lower e) Seating Capacity: Three (3) pupils f) Desk Top: Slightly inclined or flat g) Seat & Bench: Integrated wooden h) Workmanship: Strong carpentry, i) Design: Traditional fixed school desk j) Frame & Structure: Solid timber frame; k) Storage: Open shelf beneath desk top l) Finish: Sanded and coated with clear m) Edges & Corners: Smooth, rounded for n) Stability: Non-wobbling, balanced o) Durability: Must withstand heavy p) Safety: Non-toxic finishes, no sharp q) Fittings: Strong nails/screws/bolts, rust- r) Inspection: Supplier must allow pre- s) Delivery Condition: Fully assembled t) Delivery Schedule: As per contract u) Branding: As per NGCDF Brand	50	PCS		-
2	**TEACHERS CHAIRS** a) **Design:** Hard wooden frame with b) **Seat & Back**: Cushioned with dark- c) **Armrests:** Solid wood, well-rounded d) **Structure:** High backrest, thick padded e) **Style:** Locally made f) **Weight Capacity:** Minimum 120 kg g) **Stability:** Non-wobbling, balanced h) Wood treated against pests and i) Smooth varnished finish for Branding: As per NGCDF Brand	5	PCS		-
	TOTAL CARRIED FORWARD TO THE NEXT PAGE				**-**

Item	Description of Goods	Quantity	Unit	Rate	Amount
	TOTAL BROUTH FORWARD FORM PREVIOUS PAGE				-
3	**TEACHERS TABLES** a) **Size:** Office table – 1.5 metres length b) **Main Material:** Hardwood – 100% c) **Type:** Locally fabricated/made d) **Height:** 0.75 – 0.80 m e) **Drawers:** Three (3) lockable drawers f) **Hinges & Fittings:** heavy –duty g) **Purpose:** Standard office table suitable h) **Workmanship:** High-quality i) **Design:** Simple rectangular office desk j) **Top Surface Finish:** Sanded and k) **Frame & Panels**: Solid hardwood; no l) **Drawer Material**: solid hardwood; m) **Table Structure**: Strong wooden n) **Fittings**: Heavy-duty, rust-resistant o) **Stability**: Non-wobbling, balanced p) **Edges & Corners**: Smooth, rounded or q) **Durability**: Must withstand daily office r) **Safety**: Non-toxic finishes, no sharp s) **Inspection**: Supplier must allow pre- t) **Delivery Condition**: Fully assembled u) **Delivery Schedule**: As per contract **v) Branding: As per NGCDF Brand**	10	PCS		-
	TOTAL				-
	ADD 16 V.A.T				-
	ADD 0.03% PUBLIC PROCUREMENT CAPACITY BUILDING LEVY				-
	ADD PROJECT MANAGEMENT EXPENSES				**50,000.00**
	TOTAL CARIED TO GRAND SUMMARY				

Item	Description	Qty	Unit	Rate	Total (Kshs)
	GRAND SUMMARY PAGE				
1	TOTAL FOR CLASSROOM		kes		-
2	TOTAL FOR FURNITURE		kes		-
	GRAND TOTAL CARRIED TO FORM OF TENDER				-

Contractor's Name and address……

Date……..

Signature……

Witness's Name and Address……..

Date……

Signature……