

PROJECT: CONSTRUCTION OF SIKA MEMORIAL CLINIC

PROJECT LOCATION:

SIKA NUMI, THE GAMBIA

CLIENT :

BIG DREAMERS

CONTRACTORS



SOS Highway, General Engineering Building, Manjai.

Tel: office: (+220)4463127, Fax (+220)4463128 Tel: Mobile (+220) 6624788 / 3766004

Email: baeconstructioncompany@gmail.com

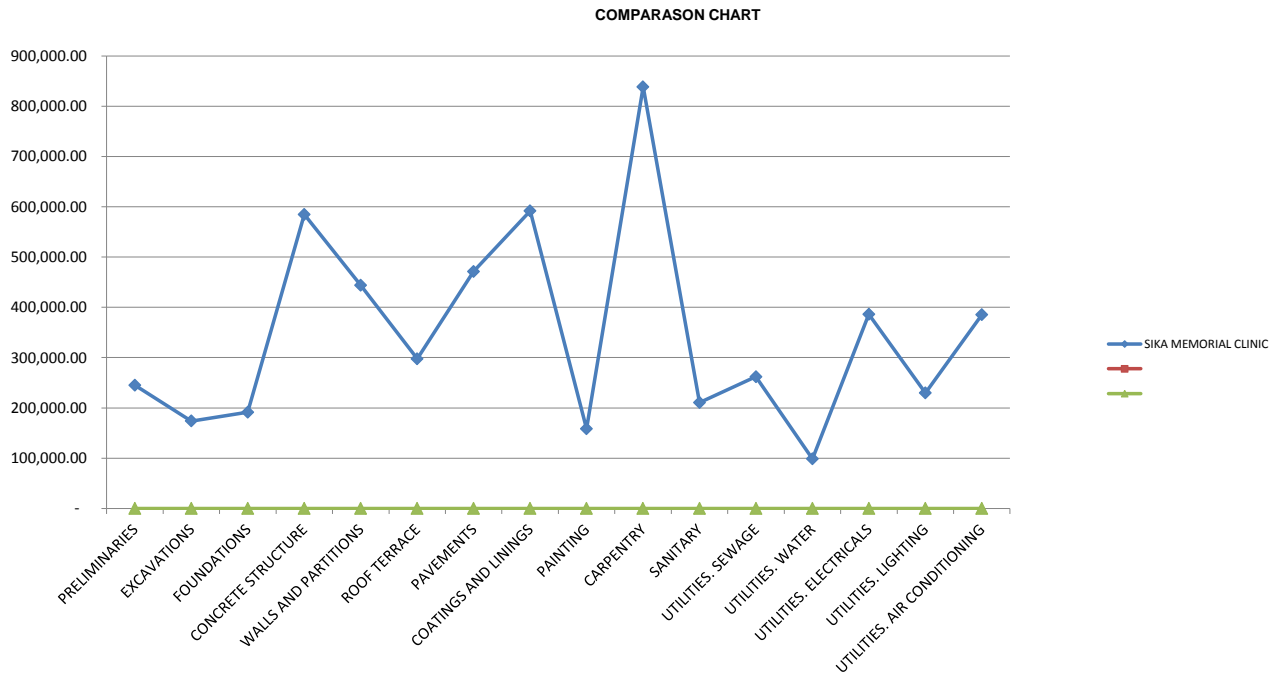
PROJECT BILL OF QUANTITIES

CONCEPT	SIKA MEMORIAL CLINIC	TOTAL GMD
1 PRELIMINARIES	245,000.00	245,000.00
2 EXCAVATIONS	173,925.50	173,925.50
3 FOUNDATIONS	191,248.05	191,248.05
4 CONCRETE STRUCTURE	584,606.85	584,606.85
6 WALLS AND PARTITIONS	444,000.00	444,000.00
7 ROOF TERRACE	297,675.00	297,675.00
8 PAVEMENTS	471,162.50	471,162.50
9 COATINGS AND LININGS	591,850.00	591,850.00
10 PAINTING	158,400.00	158,400.00
11 CARPENTRY	838,502.50	838,502.50
12 SANITARY	210,650.00	210,650.00
13 UTILITIES. SEWAGE	261,862.50	261,862.50
14 UTILITIES. WATER	98,650.00	98,650.00
15 UTILITIES. ELECTRICALS	386,035.00	386,035.00
15 UTILITIES. LIGHTING	229,700.00	229,700.00
16 UTILITIES. AIR CONDITIONING	385,250.00	385,250.00
TOTAL	6,793,956.43	6,793,956.43

VAT 0%

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GRAND TOTAL 6,793,956.43



COD. CONCEPT

1 PRELIMINARIES

A THE BILL OF QUANTITIES SHALL BE READ IN CONJUNCTION WITH THE INSTRUCTIONS FROM THE CONSULTANT, GENERAL AND SPECIAL CONDITIONS OF CONTRACT, TECHNICAL SPECIFICATIONS, AND DRAWINGS.

B THE QUANTITIES GIVEN IN THE BILL OF QUANTITIES ARE ESTIMATED AND PROVISIONAL, AND ARE GIVEN TO PROVIDE A COMMON BASIS FOR BIDDING. THE BASIS OF PAYMENT WILL BE THE ACTUAL QUANTITIES OF WORK ORDERED AND CARRIED OUT, AS MEASURED BY THE CONTRACTOR AND VERIFIED BY THE ENGINEER AND VALUED AT THE RATES AND PRICES BID IN THE PRICED BILL OF QUANTITIES, WHERE APPLICABLE, AND OTHERWISE AT SUCH RATES AND PRICES AS THE ENGINEER MAY FIX WITHIN THE TERMS OF THE CONTRACT.

C THE RATES AND PRICES BID IN THE PRICED BILL OF QUANTITIES SHALL, EXCEPT INSOFAR AS IT IS OTHERWISE PROVIDED UNDER THE CONTRACT, INCLUDE ALL CONSTRUCTIONAL PLANT, LABOR, SUPERVISION, MATERIALS, ERECTION, MAINTENANCE, INSURANCE, PROFIT, TAXES, AND DUTIES, TOGETHER WITH ALL GENERAL RISKS, LIABILITIES, AND OBLIGATIONS SET OUT OR IMPLIED IN THE CONTRACT.

D A RATE OR PRICE SHALL BE ENTERED AGAINST EACH ITEM IN THE PRICED BILL OF QUANTITIES, WHETHER QUANTITIES ARE STATED OR NOT. THE COST OF ITEMS AGAINST WHICH THE CONTRACTOR HAS FAILED TO ENTER A RATE OR PRICE SHALL BE DEEMED TO BE COVERED BY OTHER RATES AND PRICES ENTERED IN THE BILL OF QUANTITIES.

E THE WHOLE COST OF COMPLYING WITH THE PROVISIONS OF THE CONTRACT SHALL BE INCLUDED IN THE ITEMS PROVIDED IN THE PRICED BILL OF QUANTITIES, AND WHERE NO ITEMS ARE PROVIDED, THE COST SHALL BE DEEMED TO BE DISTRIBUTED AMONG THE RATES AND PRICES ENTERED FOR THE RELATED ITEMS OF WORK.

F GENERAL DIRECTIONS AND DESCRIPTIONS OF WORK AND MATERIALS ARE NOT NECESSARILY REPEATED NOR SUMMARIZED IN THE BILL OF QUANTITIES. REFERENCES TO THE RELEVANT SECTIONS OF THE CONTRACT DOCUMENTATION SHALL BE MADE BEFORE ENTERING PRICES AGAINST EACH ITEM IN THE PRICED BILL OF QUANTITIES.

G PROVISIONAL SUMS INCLUDED AND SO DESIGNATED IN THE BILL OF QUANTITIES SHALL BE EXPENDED IN WHOLE OR IN PART AT THE DIRECTION AND DISCRETION OF THE ENGINEER.

K AT THE END OF EACH MONTH, THE CONTRACTOR MUST SUPPLY THE ARCHITECT AND THE PROCURING ORGANISATION OF A WRITTEN RECORD (IN SCHEDULE FORMAT) OF THE AMOUNT AND DESCRIPTION OF THE CONTRACTOR'S AND SUBCONTRACTORS SKILLED AND UNSKILLED LABOURERS, SET OUT FOR EACH DAY OF THE MONTH.

L AT THE END OF EACH MONTH, THE CONTRACTOR MUST SUPPLY THE ARCHITECT AND THE PROCURING ORGANISATION OF A WRITTEN RECORD (IN SCHEDULE FORMAT) OF THE AMOUNT, TYPE, AND CAPACITY OF THE CONTRACTOR'S AND SUBCONTRACTORS IMPLEMENTS (INCLUDING HAND TOOLS), WHICH IS IN OPERATION ON THIS SPECIFIC.

M AT THE END OF EACH MONTH, THE CONTRACTOR MUST SUPPLY THE ARCHITECT AND THE PROCURING ORGANISATION OF A WRITTEN PROGRESS REPORT, WHICH STATE THE PROGRESS OF THE WORK AND INDICATE HOW THE PROGRESS RESPOND WITH THE PROGRAM THAT WAS COMPILED FOR THE WORK.

N UNLESS OTHERWISE STATED ALL MEASUREMENTS IN THIS BILL OF QUANTITIES IS IN MILLIMETRES, FOR EXAMPLE 1.000 MEANS 1.000MM.

O THE CONTRACTOR SHALL PROVIDE THE FOLLOWING ITEMS ACCORDING TO THE PROPER EXECUTION OF THE CONSTRUCTION. ALL THE REST ASSETS OR NEEDS FOR EXECUTION NOT INCLUDED ON THE FOLLOWING LIST SHOULD BE QUOTED ON THE SPECIFIC ITEMS FROM THIS BOQ.

101	TRANSPORTATION OF ALL THE GOODS TO THE SITE BY SEA INCLUDING ALL THE COST OF TRANSPORT AND CUSTOMS	50,000.00
102	TRANSPORTATION OF ALL THE GOODS TO THE SITE BY ROAD	-

103	CRANES, SCAFFOLDINGS, AND OTHER ELEVATION MACHINERY FOR THE CONCRETE, WOOD AND METAL WORKS	50,000.00
104	PROJECT MANAGER	-
105	GENERAL SITE MANAGER DURING THE TOTAL PERIOD OF CONSTRUCTION (MINIMUM OF 15 YEARS EXPERIENCE)	-
106	CONCRETE TECHNICAL MANAGER DURING THE TOTAL PERIOD OF CONCRETE WORKS (MINIMUM OF 15 YEARS EXPERIENCE)	-
107	MASONRY TECHNICAL MANAGER DURING THE TOTAL PERIOD OF CONCRETE WORKS (MINIMUM OF 15 YEARS EXPERIENCE)	-
108	WOOD STRUCTURE TECHNICAL MANAGER DURING THE TOTAL PERIOD OF THE WOOD WORKS (MINIMUM OF 15 YEARS EXPERIENCE)	-
109	UTILITIES TECHNICAL MANAGER DURING THE TOTAL PERIOD OF INSTALLATION WORKS (MINIMUM OF 15 YEARS EXPERIENCE)	-
110	SECURITY ACCESS PROGRAM (DAY AND NIGHT)	30,000.00
111	CONCRETE QUALITY CONTROL PROGRAM (MUST BE APROVED BY SITE GENERAL SUPERVISOR)	-
112	HEALTH AND SAFETY PROGRAM (MUST BE APROVED BY SITE GENERAL SUPERVISOR)	-
113	CONTRACTOR'S PREFAB OR "INSITU MADE" OFFICE ON SITE	-
114	UNIT FOR GENERAL STORAGE ON SITE	50,000.00
115	WATER CONSUMPTION DURING CONSTRUCTION	-
116	BUILDER'S ELECTRIC CONNECTION ITEM	-
117	ELECTRIC CONSUMPTION	-
118	GENERATOR FOR START UP	-
119	PREFAB SITE TOILET	15,000.00
120	COMMUNICATIONS OF MANAGERS AND SUPERVISORS (INCLUDING SMARTPHONES WITH WHATSAPP AND SKYPE APPLICATIONS DURING THE TOTAL PERIOD OF CONSTRUCTION)	-
121	INSURANCE FOR WORKERS	-
122	CONTRACTOR'S CIVIL RESPONSIBILITY INSURANCE	-

123	FINANCIAL COSTS FOR ADVANCE PAYMENTS	-
124	DAILY TRANSPORTATION TO WORKERS ON SITE (PUNCTUALITY WILL BE REQUIRED)	-
125	DAILY TRANSPORTATION TO WORKERS ON SITE (PUNCTUALITY WILL BE REQUIRED)	-
126	SPEED UP CLAUSE FOR CONSTRUCTION	50,000.00
127	REGULAR CLEANING OF THE SITE AND DAILY OF THE CONSTRUCTION AREA	

TOTAL PRELIMINARIES	245,000.00
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COD.	CONCEPT	UNIT	NUM.	A	B	C	TOTAL	UNIT COST	PARTIAL COST
2 EXCAVATIONS									
SIKA MEMORIAL CLINIC									
201	SITE CLEARING: CLEANING AND GRUBBING FOR REMOVAL OF RANK, VEGETATION, SHRUBS, TREES, BUSHES, STUMPS, WEEDS, GRASS INCLUDING ROOTS, DEBRIS, UNUSABLE MATERIALS, REMOVAL OF 150MM THICK TOP SOIL USING MANUAL OR MECHANICAL METHOD AND DISPOSAL OF THE SAME BY BURNING OR ANY OTHER MEANS INCLUDING DUMPING TO APPROVED AREAS WITHIN THE PROJECT SITE.	M2							
	ITEM	%	AREA						
	MAIN BUILDING	1.00	301.00	1.00	1.00		301.00	100.00	30,100.00
	TOTAL								30,100.00
202	EXCAVATION AND LEVELLING OF SOIL IN PLOT AREA WITH MECHANICAL MEANS. THE LAND WILL BE REPLACED ON THE SAME PLOT FOR FUTURE USE ESTIMATED 50%. ESTIMATED SWELLING 20%.	M3							
	ITEM	%	AREA						
	MAIN BUILDING	1.00	301.00	0.15	1.00		45.15	150.00	6,772.50
	TOTAL								6,772.50
203	EXCAVATION OF SOIL FOR FOUNDATIONS (BUILDING PILAR FOUNDATIONS) WITH MECHANICAL MEANS. THE LAND WILL BE REPLACED ON THE SAME PLOT FOR FUTURE USE. ESTIMATED SWELLING 20%.	M3							
	ITEM	%	L	D	NO				
	FOOTINGS F1 (1X1M)	1.00	0.70	0.70	25.00		12.25	350.00	4,287.50
	TOTAL								4,287.50
204	EXCAVATION OF SOIL FOR FOUNDATIONS (BUILDING TRENCH FOUNDATIONS) WITH MECHANICAL MEANS. THE LAND WILL BE REPLACED ON THE SAME PLOT FOR FUTURE USE. ESTIMATED SWELLING 20%.	M3							
	ITEM	%	L	W	D				
	MAIN BUILDING	1.00	182.00	0.50	1.00		91.00	250.00	22,750.00
	TOTAL								22,750.00
205	EXCAVATION OF SOIL FOR SEWAGE AND DRAINAGE PIPES WITH MECHANICAL MEANS. THE LAND WILL BE REPLACED ON THE SAME PLOT FOR FUTURE USE. ESTIMATED SWELLING 20%.	M3							
	ITEM	%	L	W	D				
	DRAINAGE PIPES	1.00	62.00	0.40	0.80		19.84	250.00	-
	MANHOLES	1.00	3.24	0.60	1.20		2.33	250.00	-
	SOAK AWAY	1.00	3.00	4.00	4.00		48.00	250.00	-
	TOTAL						70.17		-
206	BACKFILLING AND COMPACTION OF SAND COARSE GRAVEL ON ALL EXCAVATED SCOPES	M3							
	ITEM	%	AREA						
	VARIABLES	1.00	301.00	1.00	0.03		9.03	850.00	7,675.50
	TOTAL						91.46		7,675.50
207	BACKFILLING AND COMPACT WITH MECHANICAL MEANS OF THE BUILDING AREA TO PREPARE THE FUTURE SLABS, INCLUDING COMPACTION AT 98% MDD. HARD CORE MATERIAL 150 MM DEPTH COMPACTED	M3							
	ITEM	%	AREA						
	MAIN BUILDING	1.00	301.00	0.40	1.00		120.40	850.00	102,340.00
	TOTAL						202.83		102,340.00
TOTAL									173,925.50

TOTAL EXCAVATION	173,925.50
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COD.	CONCEPT	UNIT	NUM.	A	B	C	TOTAL	UNIT COST	PARTIAL COST
3 FOUNDATIONS									
SIKA MEMORIAL CLINIC									
301	SUPPLY AND CAST IN-SITU DESIGN MIX REINFORCED CEMENT CONCRETE (RCC) H-25 (250N/mm ²) FOR <u>PILLARS/COLUMNS/TRENCHES/BEAMS FOUNDATIONS</u> USING CEMENT, COARSE SAND, SIEVED/WASH STONE GRADED AGGREGATE 20mm & INCLUDING, PREPARING SURFACE, MACHINE BATCHING, MACHINE MIXING AND POURING IN PLACE.	M3							
	CONCEPT	%	AREA	D	NO				
	TRENCHES	1.00	180.00	0.50	0.15	13.50	8,000.00	108,000.00	
	FOOTINGS (0.8X0.8)	0.80	0.80	0.20	25.00	3.20	8,000.00	25,600.00	
	NET COLUMNS	1.00	1.56	1.65	1.00	2.58	8,000.00	20,625.00	
	TOTAL					19.28		154,225.00	
302	SUPPLY AND ASSEMBLY OF REINFORCEMENT RODS FOR <u>CONCRETE FOUNDATIONS</u> . AMOUNT ESTIMATED 130kg/M3. - BASE	KG							
	CONCEPT	%	M3	D	NO				
	FOOTINGS (0.8X0.8)	75.00	3.20	1.00	1.00	240.00	60.00	14,400.00	
	NET COLUMNS	75.00	2.58	1.95	1.00	377.05	60.00	22,623.05	
	TOTAL					617.05		37,023.05	
TOTAL									191,248.05

TOTAL FOUNDATIONS	191,248.05
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COD.	CONCEPT	UNIT	NUM.	A	B	C	TOTAL	UNIT COST	PARTIAL COST
4 CONCRETE STRUCTURES									
SIKA MEMORIAL CLINIC									
401	BACKFILLING TO MAKE UP LEVELS WITH RED GRAVEL 150MM DEPTH. FOR GROUND FLOOR SLAB .	M3							
	ITEM			AREA	H	%			
	MAIN BUILDING		1.00	301.00	0.10	1.00	30.10	850.00	25,585.00
	TOTAL						30.10		25,585.00
402	SUPPLY AND FITTING DPM SHEET PLACEMENT UNDER GROUND FLOOR SLAB	M2							
	ITEM			AREA		%			
	MAIN BUILDING		1.00	301.00	1.00	1.00	301.00	45.00	13,545.00
	TOTAL						301.00		13,545.00
403	CONCRETE (RCC) H-25 (250N/mm2) FOR GROUND FLOOR SLAB . USING CEMENT, COARSE SAND, WASHED STONE GRADED AGGREGATE 20mm & INCLUDING, PREPARING SURFACE, MACHINE BATCHING, MACHINE MIXING AND POURING IN PLACE.	M3							
	ITEM			AREA	D	%			
	MAIN BUILDING		1.00	301.00	0.10	1.00	30.10	8,000.00	240,800.00
	TOTAL						30.10		240,800.00
404	FORMWORK/SHUTTERING FOR GROUND FLOOR SLAB USING WOOD OR METAL PANELS	M2							
	ITEM			L	H	%			
	EDGES OF SLAB		1.00	70.00	0.10	1.00	7.00	300.00	2,100.00
	TOTAL						7.00		2,100.00
405	SUPPLY AND ASSEMBLY OF REINFORCEMENT RODS FOR GROUND FLOOR SLAB ACCORDING TO THE STRUCTURE PLANS. AMOUNT ESTIMATED 10KG/M3.	KG							
	ITEM			M3	D	%			
	MAIN BUILDING		10.00	30.10	1.00	1.01	304.01	60.00	18,240.60
	TOTAL						404.01		18,240.60
406	CONCRETE (RCC) H-25 (250N/mm2) FOR GROUND FLOOR SUPERSTRUCTURE CONCRETE , USING CEMENT, COARSE SAND, SIEVED/WASH STONE GRADED AGGREGATE 20mm & INCLUDING, PREPARING SURFACE, MACHINE BATCHING, MACHINE MIXING AND POURING IN PLACE.	M3							
	ITEM			AREA	H	NO			
	COLUMNS(C1)		1.00	0.04	3.00	14.00	1.58	8,000.00	12,600.00
	COLUMNS (C2)		1.00	0.09	3.00	11.00	2.97	8,000.00	23,760.00
	LINTELS		1.00	180.00	0.20	0.15	5.40	8,000.00	43,200.00
	WINDOW SILL LINTELS		1.00	60.00	0.15	0.15	1.35	8,000.00	10,800.00
	DECORATED COPING AS F.BOARD		1.00	80.00	1.00	1.05	84.00	950.00	79,800.00
	TOTAL						95.30		170,160.00
407	FORMWORK/SHUTTERING FOR GROUND FLOOR SUPERSTRUCTURE CONCRETE USING WOOD OR METAL PANELS	M2							
	ITEM			AREA	H	NO			
	COLUMNS (C1)		1.00	0.90	3.00	21.00	56.70	300.00	17,010.00
	COLUMNS (C2)		1.00	1.00	3.00	4.00	12.00	300.00	3,600.00
	LINTELS		1.00	180.00	0.40	1.00	72.00	300.00	21,600.00
	WINDOW SILL LINTELS		1.00	60.00	0.40	1.00	24.00	300.00	7,200.00
	TOTAL						164.70		49,410.00
408	SUPPLY AND ASSEMBLY OF REINFORCEMENT RODS FOR GROUND FLOOR SUPERSTRUCTURE CONCRETE ACCORDING TO THE STRUCTURE PLANS. AMOUNT ESTIMATED 100KG/M3.	KG							
	ITEM	%		M3	H				
	COLUMNS(C1)	95.00	1.00	1.58	1.00	1.00	149.63	60.00	8,977.50
	COLUMNS (C2)	95.00	1.00	2.97	1.00	1.00	282.15	60.00	16,929.00
	LINTELS	95.00	1.00	5.40	1.00	1.01	518.13	60.00	31,087.80
	WINDOW SILL LINTELS	95.00	1.00	1.35	1.00	1.01	129.53	60.00	7,771.95
	TOTAL						1,079.44		64,766.25
TOTAL									584,606.85

TOTAL CONCRETE STRUCTURE	584,606.85
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COD.	CONCEPT	UNIT	NUM.	A	B	C	TOTAL	UNIT COST	PARTIAL COST
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5 WOOD STRUCTURE

SIKA MEMORIAL CLINIC

501 ASSEMBLY AND FIXING OF TREATED RED AND WHITE TIMBER FOR BEAMS AND PILLARS FOR WOOD ROOF STRUCTURE IN MAIN BUILDINGS. INCLUDING ALL THE LABOUR TASKS AND ALL THE MECHANICAL NEEDS REQUIRED FOR THE TOTAL ASSEMBLY.

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BEAM (H/W)		UD	L		%			
50X50 (WHITE TIMBER)	PURLINS	1.00	1,540.63	1.00	1.05	1,617.66	125.00	202,207.03
50X75	RAFTERS	1.00	802.00	1.00	1.05	842.10	155.00	130,525.50
50X200	RIDGE CAP	1.00	80.00	1.00	1.05	84.00	225.00	18,900.00
75X100	W/PLATE	1.00	79.00	1.00	1.05	82.95	255.00	21,152.25
50X100	W/PLATE	1.00	65.00	1.00	1.05	68.25	255.00	17,403.75
TOTAL						2,694.96		390,188.53

TOTAL WOOD STRUCTURE	390,188.53
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COD.	CONCEPT	UNIT	NUM.	A	B	C	TOTAL	UNIT COST	PARTIAL COST
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6 WALLS AND PARTITIONS

SIKA MEMORIAL CLINIC

601	SUPPLY AND ELEVATION OF <u>WALLS WITH MORTAR 150mm BLOCK.</u>	M2				TOTAL	UNIT COST	PARTIAL COST
		ITEM	L	H	%			
	FOUNDATION (SOLID BLOCK)	180.00	1.00	1.00	1.00	180.00	600.00	108,000.00
	GROUND FLOOR	160.00	3.50	1.00	1.00	560.00	600.00	336,000.00
	TOTAL					560.00		444,000.00

TOTAL	444,000.00
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TOTAL WALLS AND PARTITIONS	444,000.00
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COD.	CONCEPT	UNIT	NUM.	A	B	C	TOTAL	UNIT COST	PARTIAL COST
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7 MAIN BUILDING									
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SIKA MEMORIAL CLINIC									
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701	SUPPLY AND ASSAMBLY OF ALU. ZINC ROOFING SHEETS, INCLUDING ALL ELEMENTS FOR FIXING.									
		ITEM	%	AREA						
		MAIN BUILDING	1.05	450.00	1.00	1.05	496.13	600.00	297,675.00	
		TOTAL							297,675.00	

TOTAL									297,675.00
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TOTAL ROOF SHEET									297,675.00
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COD.	CONCEPT	UNIT	NUM.	A	B	C	TOTAL	UNIT COST	PARTIAL COST
9 COATINGS									
SIKA MEMORIAL CLINIC									
901	MORTAR PLASTERING IN BLOCK WALLS. CEMENT SAND 1/4.		M2						
	ITEM		L	H		%			
	GROUND FLOOR		140.00	4.00	2.00	1.00	1,120.00	300.00	336,000.00
	TOTAL						1,120.00		336,000.00
903	SUPPLY AND FITTING OF SUSPENDED CEILING WITH 60X60 ACCOUSTIC PANELS		M2						
	ITEM		AREA	H		%			
	GROUND FLOOR		301.00	1.00	1.00	1.00	301.00	850.00	255,850.00
	TOTAL								255,850.00
TOTAL									591,850.00

TOTAL COATINGS	591,850.00
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COD.	CONCEPT	UNIT	NUM.	A	B	C	TOTAL	UNIT COST	PARTIAL COST
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8 PAVEMENTS

SIKA MEMORIAL CLINIC

801 SUPPLY AND FIXING OF 60X60 ITALIAN FLOOR TILES. PREPARE SURFACE WITH ADEQUATE DEPTH OF SAND CEMENT MIXED WELL COMPACTED **M2**

ITEM	%	AREA							
GROUND FLOOR EUR6060MANGR (F/EUR manuse gris)	60x60	1.05	265.00	1.00	1.00		278.25	850.00	236,512.50
TOTAL							278.25		236,512.50

802 SUPPLY AND FIXING OF 10cm SKIRTING TO PERIMETER OF TILED AREAS **LM**

ITEM	%	L							
GROUND FLOOR EUR6060MANGR (F/EUR manuse gris)	60x60	1.05	320.00	1.00	1.00		336.00	200.00	67,200.00
TOTAL							336.00		67,200.00

803 SUPPLY AND LAY OF EXTRUDED CERAMIC TILE FLOORING AND WALLS FOR BATHROOMS AND KITCHEN AND STONE EFFECT TILES FOR EXTERIOR WALL DECORATION. NON-SLIP TYPE. **M2**

ITEM	SPECS	AREA	H		%				
ENTIRE TOILET FLOORS EURP4545SAUMGR (F/EURP saumur gris)	45x45	35.00	1.00	1.00	1.00		35.00	850.00	29,750.00
ENTIRE TOILET WALLS APE2540DUMABL&WT (W/APE duma black & white)	25x40	162.00	1.00	1.00	1.00		162.00	850.00	137,700.00
TOTAL							197.00		167,450.00

TOTAL	471,162.50
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TOTAL PAVEMENTS	471,162.50
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COD.	CONCEPT	UNIT	NUM.	A	B	C	TOTAL	UNIT COST	PARTIAL COST
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10 PAINTING

SIKA MEMORIAL CLINIC

1001	INTERIOR AND EXTERIOR PAINTING: PROVIDING & PAINTING 2 OR MORE COATS OF PLASTIC EMULSION PAINT OF APPROVED COLOUR SHADE FOR INTERIOR AND EXTERIOR AREAS BLOCK WALLS IN MORTER CAST. ONE COAT OF PRIMER & READY MIXED ACRYLIC PUTTY INCLUDING NECESSARY CENTERING, SCAFFOLDING, CLEANING OF PAINT STAINS WHERE EVER NECESSARY.	M2							
	ITEM	L	H		%				
	GROUND FLOOR	160.00	3.30	2.00	1.00	1,056.00	150.00	158,400.00	
	TOTAL					1,056.00		158,400.00	

1003	INTERIOR CEILING PAINTING. PROVIDING & PAINTING 2 OR MORE COATS OF PLASTIC EMULSION PAINT OF APPROVED COLOUR SHADE FOR CEILINGS ONE COAT OF PRIMER & READY MIXED ACRYLIC PUTTY INCLUDING NECESSARY CENTERING, SCAFFOLDING, CLEANING OF PAINT STAINS WHERE EVER NECESSARY.	M2							
	ITEM	AREA	H		%				
	GROUND FLOOR AND FIRST FLOOR	214.00	1.00	1.00	1.00	214.00	-	-	
	TOTAL					214.00		-	

TOTAL	158,400.00
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TOTAL PAINTING	158,400.00
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COD. CONCEPT	UNIT	NUM.	A	B	TOTAL	UNIT COST	PARTIAL COST
11 CARPENTRY - DOORS AND WINDOWS							
SIKA MEMORIAL CLINIC							
1101	EXTERIOR HORIZONTAL ALUMINIUM SLIDING WINDOW. LOCK TO SLIDING SLASH WITH SECONDARY EXTERNAL INSECT MESH PLUS INTERNAL PVC BLINDS, INCLUDING EXTRUSION PROFILES 1.6mm THICKNESS AND GLASS 5MM.		NR				
	TYPE	NR	W	H			
	WO-01	10.00	1,400	1,500	2,100	13,650	136,500.0
	WO-02	5.00	2,000	1,500	3,000	19,500	97,500.0
	WO-03	5.00	750	750	563	3,660	18,297.5
	WO-04	1.00	4,000	1,500	6,000	39,000	39,000.0
	TOTAL	21.00			15,802.50		291,297.5
1102	SUPPLY AND FIT OF ALUMINIUM EXTERIOR DOORS & WOODEN DOORS WITH GLAZED GLASS, INCLUDING ALL ELEMENTS AND FITTINGS		U				
	TYPE	NR	W	H			
	DO-01	1.00	2,000	2,300	4,600	48,300	48,300.0
	DO-02	7.00	1,200	2,100	2,520	27,090	189,630.0
	DO-03	10.00	900	2,100	1,890	18,428	184,275.0
	TOTAL	18.00			14,260.00		422,205.0
1103	SUPPLY AND FIT OF DECORATED METAL BUGLAR BARS TO WINDOWS		U				
	TYPE		L	H			
	WINDOWS	15.00	1.00	1	1.00	1.00	125,000
	TOTAL						125,000.0
TOTAL							838,502.5

TOTAL CARPENTRY	838,502.50
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COD.	CONCEPT	UNIT	NUM.	A	B	C	TOTAL	UNIT COST	PARTIAL COST
12 SANITARY APPLIANCES									
SIKA MEMORIAL CLINIC									
1201	SUPPLY AND ASSEMBLY OF COUNTERTOP VITROUS WASH BASIN INCLUDING ALL THE ELEMENTS FOR ASSEMBLY. 32MM SLOTTED WASTE CHAIN, STAY AND PLUG.								
	ITEM							%	
	MAIN BUILDING		7.00	1.00	1.00	1.00	7.00	8,500.00	59,500.00
	TOTAL								59,500.00
1202	SUPPLY AND ASSEMBLY OF VITREOUS WC, CLOSED COUPLED, WASHDOWN AND CONNECTOR, PLASTIC RING SEAT, FIXING PAN WITH SCREWS TO MASONRY.								
	ITEM							%	
	MAIN BUILDING (EURWCJADEHBL)		5.00	1.00	1.00	1.00	5.00	9,500.00	47,500.00
	TOTAL								47,500.00
1203	SUPPLY AND ASSEMBLY OF 60L WATER HEATER								
	ITEM							%	
	TOILETS		3.00	1.00	1.00	1.00	3.00	11,700.00	35,100.00
	TOTAL						3.00		35,100.00
1204	SUPPLY AND ASSEMBLY OF SHOWERS (TELEPHONY DESIGNS) , COMPLETE BRASS BODY, ZINC HANDLE WITH CERAMIC CARTRIDGE AND HIGH QUALITY CHROME PLATED FINISHED.; COLD AND HOT WATER MIXED								
				U	H			%	
	TOILETS (GRO27399002)		5.00	1.00	1.00	1.00	5.00	9,960.00	49,800.00
	TOTAL								49,800.00
1205	TESTING AND COMMISSIONING								
	ITEM							%	
	TOILETS		1.00	1.00	1.00	1.00	1.00	15,000.00	15,000.00
	TOTAL						1.00		15,000.00
TOTAL									210,650.00

TOTAL CARPENTRY	210,650.00
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COD.	CONCEPT	UNIT	NUM.	A	B	C	TOTAL	UNIT COST	PARTIAL COST
13 UTILITIES: SEWAGE									
SIKA MEMORIAL CLINIC									
1301	PVC, WASTED SEWAGE PIPES WITH FLEXIBLE JOINTS, COMPLETE WITH FITTINGS NOMINAL SIZE AS DETAIL. MINIMUM THICKNESS REQUIRED 3mm.								
	ITEM								%
	32 mm DIAMETRE	1.00	25.00	1.00	1.10		27.50	150.00	4,125.00
	40 mm DIAMETRE	1.00	25.00	1.00	1.10		27.50	175.00	4,812.50
	50 mm DIAMETRE	1.00	50.00	1.00	1.10		55.00	200.00	11,000.00
	110 mm DIAMETRE	1.00	60.00	1.00	1.10		66.00	275.00	18,150.00
	TOTAL						176.00		38,087.50
1302	SUPPLY AND ASSEMBLY OF MANHOLES FOR SEWAGE CONNECTIONS AND REGISTER EITHER PREFABRICATED OR MADE "IN SITU".								
	ITEM								%
	750X600	7.00	1.00	1.00	1.00		7.00	3,825.00	26,775.00
	TOTAL						7.00		26,775.00
1303	SOAKAWAY AND OVERALL SIZE AS DETAIL INCLUDING CONCRETE, MASONRY AND COATING WORKS.								
	ITEM								%
	3000 X 4000 X 4000	1.00	1.00	1.00	1.00		1.00	125,000.00	125,000.00
	TOTAL						1.00		125,000.00
1304									
	SEPTIC TANK								
	ITEM								%
	SEPTIC TANK (DIA 2000 X DEP.4000)	1.00	1.00	1.00	1.00	1.00	1.00	67,000.00	67,000.00
	TOTAL						1.00		67,000.00
1305	TESTING AND COMMISSIONING								
	ITEM								%
	TESTING AND COMMISSIONING	1.00	1.00	1.00	1.00	1.00	1.00	5,000.00	5,000.00
	TOTAL						1.00		5,000.00
TOTAL									261,862.50
TOTAL UTILITIES: SEWAGE									261,862.50

COD.	CONCEPT	UNIT	NUM.	A	B	C	TOTAL	UNIT COST	PARTIAL COST
14 UTILITIES: WATER SUUPPLY									
SIKA MEMORIAL CLINIC									
1401	EXTERIOR PIPING LINES. SUPPLY AND ASSEMBLY OF PIPING FOR WATER SUPPLY INSTALLATION. INCLUDING ACCESSORIES AND TRACKING TAPE MESH								L
		TYPE							
		35 mm	90.00	1.00	1.00	1.00	90.00	250.00	22,500.00
		42 mm	40.00	1.00	1.00	1.00	40.00	310.00	12,400.00
		TOTAL					130.00		34,900.00
1402	BUILDING PIPING LINES. SUPPLY AND ASSEMBLY OF PIPING FOR WATER SUPPLY INSTALLATION. INCLUDING ACCESORIES. HOT WATER SUPPLY								L
		HOT WATER SUPPLY							
			18MM	22MM	28MM	35MM			
		GROUND FLOOR	50.00	-	-	-	50.00	250.00	12,500.00
		TOTAL					50.00		12,500.00
1403	BUILDING PIPING LINES. SUPPLY AND ASSEMBLY OF PIPING FOR WATER SUPPLY INSTALLATION. INCLUDING ACCESORIES. COLD WATER SUPPLY								L
		COLD WATER SUPPLY							
			18MM	22MM	28MM	35MM			
		GROUND FLOOR	65.00	-	-	-	65.00	250.00	16,250.00
		TOTAL					65.00		16,250.00
1404	WATER SUPPLY CONECTIONS FOR EACH CONNECTION ELEMENT (BASIN, WC, SHOWER TAPS, KITCHEN, WATER TANK,...)								L
		WASH HAND BASSINS	1.00	1.00	1.00	1.00	1.00	5,000.00	5,000.00
		WATER CLOSETS	1.00	1.00	1.00	1.00	1.00	5,000.00	5,000.00
		SHOWER TAPS	1.00	1.00	1.00	1.00	1.00	5,000.00	5,000.00
		KITCHEN TAPS	1.00	1.00	1.00	1.00	1.00	5,000.00	5,000.00
		WATER TANK	1.00	1.00	1.00	1.00	1.00	15,000.00	15,000.00
		TOTAL					5.00		35,000.00
TOTAL									98,650.00
TOTAL UTILITIES: WATER									98,650.00

COD.	CONCEPT	UNIT	NUM.	A	B	C	TOTAL	UNIT COST	PARTIAL COST
15 UTILITIES. ELECTRICAL									
SIKA MEMORIAL CLINIC									
1501	EARTHING COMPLETE PROTECTION INSTALLATION WITH ACCESSORIES AS SPECIFICATION.	U	1.00	1.00	1.00	1.00	1.00	55,000.00	55,000.00
	TOTAL						1.00		55,000.00
1502	MAIN DISTRIBUTION BOARD. MODULE DISTRIBUTION PANEL COMPLETE WITH RDC	U							
	MAIN BUILDING		1.00	1.00	1.00	1.00	1.00	35,000.00	35,000.00
	TOTAL						1.00		35,000.00
1503	ROOM DISTRIBUTION (FUSE ISOLATOR) BOARD CONSUMER UNIT 8WAYS WITH MAIN SWITH 100A 2POLE.	U							
	MAIN BUILDING		1.00	1.00	1.00	1.00	4.00	7,000.00	28,000.00
	TOTAL						4.00		28,000.00
1504	SUPPLY AND INSTALLATION OF CABLE FOR ELECTRICAL INSTALLATIONS SINGLE AND 3X - CORE SLEEVED	M							
	CABLE SECTION								
		G.FLOOR							
	1.5MM	950					950.00	75.00	71,250.00
	2.5MM	550					550.00	100.00	55,000.00
	10MM	Score 110.00					110.00	270.00	29,700.00
	TOTAL	1,610.00					1,610.00		155,950.00
1505	SUPPLY AND ASSEMBLY OF PVC TUBE FOR ELECTRICAL CABLE PROTECTION.	U							
		G.FLOOR							
	RIGID PIPE PVC 20MM	14.00					14.00	2,150.00	30,100.00
	WALL PLUG AND SCREW	PKTS 25.00					25.00	145.00	3,625.00
	DOUBLE FLUSH BOXES	PCS 32.00					32.00	55.00	1,760.00
	SINGLE FLUSH BOXES	PCS 20.00					20.00	45.00	900.00
	CIRCULAR BOXES 2WAY, 3WAY & 4WAY	PKTS 20.00					20.00	590.00	11,800.00
	20MM & 25MM COUPLING, 20MM & 25MM FLEXIBLE PIPE AND CONNECTOR	20.00					20.00	560.00	11,200.00
	TOTAL	131.00					131.00		59,385.00
1506	SUPPLY AND INSTALLATION OF SWITCHES AND SOCKETS .	U							
	GROUND AND FIRST FLOOR	UNITS							
	DOUBLE SOCKETS	32.00	1.00	1.00	1.00	1.00	32.00	275.00	8,800.00
	SINGLE GANG SWITCH	15.00	1.00	1.00	1.00	1.00	15.00	150.00	2,250.00
	TWO GANG ONE WAY	16.00	1.00	1.00	1.00	1.00	16.00	175.00	2,800.00
1507	CEILING FAN REGULATOR	21.00	1.00	1.00	1.00	1.00	21.00	950.00	19,950.00
	THREE GANG ONE WAY	4.00	1.00	1.00	1.00	1.00	4.00	175.00	700.00
	(13amp)1 GANG SWITCH SOCKET	4.00	1.00	1.00	1.00	1.00	4.00	800.00	3,200.00
	TOTAL						92.00		37,700.00
1508	TESTING AND COMMISSIONING	U							
	ITEM								
	TESTING AND COMMISSIONING		1.00	1.00	1.00	1.00	1.00	15,000.00	15,000.00
	TOTAL						1.00		15,000.00
TOTAL									386,035.00
TOTAL UTILITIES: ELECTRICALS									386,035.00

COD.	CONCEPT	UNIT	NUM.	A	B	C	TOTAL	UNIT COST	PARTIAL COST
16 UTILITIES. LIGHTNING									
SIKA MEMORIAL CLINIC									
									U
1600	SUPPLY AND FITTING OF LIGHTS. SUPPLY AND FIXING OF LIGHT ELEMENTS.FLUSHED 60X60 LUMINARE.INTERNAL .								
	ITEM								
	MAIN BUILDING		43.00	1.00	1.00	1.00	43.00	1,950.00	83,850.00
	TOTAL						43.00		83,850.00
									U
1601	SUPPLY AND FITTING OF LIGHTS. SUPPLY AND FIXING OF LED SECURITY FLOOD LIGHT								
	ITEM								
	MAIN BUILDING		11.00	1.00	1.00	1.00	11.00	1,900.00	20,900.00
	TOTAL						11.00		20,900.00
									U
1602	EMGERENCY LIGHTS. SUPPLY AND FIXING OF EMERGENCY LIGHTING NON MAINTAIN .								
	ITEM					%			
	MAIN BUILDING		9.00	1.00	1.00	1.00	9.00	1,750.00	15,750.00
	TOTAL						9.00		15,750.00
									U
1603	CORRIDOR AND LOBBY LIGHTS. SUPPLY AND FIXING OF LIGHT ELEMENTS. HANGING LED DOUBE 4FT TUBE LAMP								
	ITEM					%			
	MAIN BUILDING		9.00	1.00	1.00	1.00	12.00	1,675.00	20,100.00
	TOTAL						12.00		20,100.00
									U
1604	SUPPLY AND FIT OF SUSPENDE LIGHTS WITH LED BULB E27 FOR KITCHEN AND COOKING AREA								
	ITEM					%			
	MAIN BUILDING		3.00	1.00	1.00	1.00	3.00	1,600.00	4,800.00
	TOTAL						3.00		4,800.00
									U
1607	SUPPLY AND FIT OF SUSPENDE CEILING FANS								
	ITEM					%			
	MAIN BUILDING		21.00	1.00	1.00	1.00	21.00	3,300.00	69,300.00
	TOTAL						21.00		69,300.00
									U
1608	TESTING AND COMMISSIONING								
	ITEM					%			
	TESTING AND COMMISSIONING		1.00	1.00	1.00	1.00	1.00	15,000.00	15,000.00
	TOTAL						1.00		15,000.00
	TOTAL								229,700.00
	TOTAL UTILITIES: ELECTRICALS								229,700.00

COD.	CONCEPT	UNIT	NUM.	A	B	C	TOTAL	UNIT COST	PARTIAL COST	
17 UTILITIES. AIR CONDITIONING AND VENT.										
SIKA MEMORIAL CLINIC										
1701	EXHAUST FOR KITCHEN VENTILATION INCLUDING SUPPLY AND INSTALLATION OF EQUIPMENT AND CONNECTIONS.									
		FLOORS								
		GROUND FLOOR	1.00	1.00	1.00	1.00	1.00	4,650.00	4,650.00	
		TOTAL					1.00		4,650.00	
1702	SUPPLY AND ASSEMBLY OF OUTDOOR AIR CONDITIONING FOR ROOM BUILDINGS,WITH CONDENSER UNITS AND 230V/7.1A ELECTRIC SUPPLY									
		MODEL	SPECS							
		LG SPLIT UNIT AC DUAL COOL	9.0kW	1.00	1.00	1.00	8.00	18,000.00	144,000.00	
		TOTAL					8.00		144,000.00	
1703	SUPPLY AND ASSEMBLY OF INDOOR AIR CONDITIONING WALL UNITS FOR ROOM BUILDINGS,WITH CONDENSER UNITS AND 230V/7.1A ELECTRIC SUPPLY									
		MODEL	UNIT	SPECS						
		LG DUAL COOL 12000BTU	2.00	2.5kW	24.00	1.00	1.00	2.00	13,000.00	26,000.00
		LG DUAL COOL 18000BTU	4.00	2.5kW	8.00	1.00	1.00	7.00	17,000.00	119,000.00
		TOTAL					9.00		145,000.00	
1704	SUPPLY AND FIX REFRIGERATED AC PIPEWORK TO SERVE AC UNITS, MOUNTED AND CONCEALED INTO A CABLE TRAY									
		GROUND FLOOR	75.00	1.00	1.00	1.00	1.00	168.00	300.00	50,400.00
		TOTAL						168.00	50,400.00	
1705	SUPPLY AND FIX CONDENSATE PIPE WORK, MOUNTED AND DISCHARGED AT WALL EXIT POINTS;									
		GROUND FLOOR	52.00	1.00	1.00	1.00	1.00	52.00	600.00	31,200.00
		TOTAL						52.00	31,200.00	
1706	TESTING AND COMMISSIONING									
		ITEM						%		
		TESTING AND COMMISSIONING	1.00	1.00	1.00	1.00	1.00	10,000.00	10,000.00	
		TOTAL						1.00	10,000.00	
TOTAL									385,250.00	
TOTAL UTILITIES: AIR CONDITIONING									385,250.00	