

ENetSuD's AUDIT REPORT ON ADETA PRIMARY SCHOOL - KUNTU ROAD, ILORIN

BILL NO. 1: GENERRAL

Items	Description	Quantity approved in the BEME	Unit	Approved rate in the BEME (₦)	Approved amount in the BEME (₦)	Quantity met on Site by ENetSuD team	Amount calculated by ENetSuD (₦)
1.01	Provided furnish and maintain office accomodation for the Engineer's representatives			300,000.00			Not evaluated
1.02	Provided house for Resident Engineer and staff			0			
1.03	Provide equipment, labour and assistance as may be required by the Engineer's Representative			300,000.00			Not evaluated
1.04	Allow for road way making			200,000.00			Not evaluated
1.05	Allow for the provision and erection of road signs.			100,000.00			Not evaluated
1.06	Allow for the cost of progress report and photographs			200,000.00			Not evaluated
1.07	Allow for the cost of stationery and equipment for use by the engineers Representative.			50,000.00			Not evaluated
1.08	Allow for compensation			2,000,000.00			Not evaluated
1.09	Allow for the payment of wages to daily reated staff of the Engineer's Representative			1,000,000.00			Not evaluated
1.1	Allow for services to the Engineer's Representative including logistics to and fro site			1,100,000.00			Not evaluated
1.11	Allow for the demolition of structiures within the road alignment and cartaway the debris			500,000.00			Not evaluated
1.12	Allow for quality control test on concrete including filling material.			300,000.00			Not evaluated
1.13	Allow for cost of pipes for road crossing (Service duct)			0			
1.14	Allow for engineering survey and design of the road			1,500,000.00			Not evaluated
	TOTAL OF BILL NO. 1 CARRIED TO SUMMARY			7,550,000.00			Not evaluated



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BILL NO. 2: EARTHWORKS

Items	Description	Quantity approved in the BEME	Unit	Approved rate in the BEME (₺)	Amount Approved in the BEME (₺)	Quantity met on Site by ENetSuD team [@]	Amount calculated by ENetSuD (₺)	DIFFERENCE / SHORTAGE
2.01	Clear site on either side of centre line of road of all trees and rubbish including relocation of damaged vehicles within the width of the road	1,000	m	50	50,000.00	992	49,600.00	400.00
2.02	Scarify to remove top soil along the centre line of the road over average depth of 200mm	1,600	m ³	600	960,000.00	1492	895,200.00	64,800.00
2.03	Excavation from approved borrow pits, haul excavated material any distance not exceeding 2km, deposit, spread in 150mm layers and compact to 100% compaction as filling for sub-base and base	1,980	m ³	2,300	4,554,000.00	1980	4,554,000.00	-
2.04	Excavate unsuitable and/or surplus material and haul to spoil up to 2km	1,300	m ³	600	780,000.00	1300	780,000.00	-
2.05	Replace unsuitable material removed below formation level and compact as 2.04	1,300	m ³	2,300	2,990,000.00	1300	2,990,000.00	-
2.06	Excavate to formation level and haul to spoil any surplus material not be stock-pilled or hauled for re-use (provisional)	650	m ³	600	390,000.00	650	390,000.00	-
TOTAL CARRIED TO SUMARRY					9,724,000.00		9,658,800.00	65,200.00

[@]Items 2.03 to 2.06 were not measurable by ENetSuD, and were therefore assumed to be executed by the contractor as approved in the BEME



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BILL NO. 3: CULVERT AND CONCRETE DRAIN

Items	Description	Quantity approved in the BEME	Unit	Approved rate in the BEME (₺)	Amount Approved in the BEME (₺)	Quantity met on Site by ENetSuD team	Amount calculated by ENetSuD (₺)	DIFFERENCE / SHORTAGE
3.01	Excavation for culverts to any depth including back filling to 100% B.S compaction and dispose of surplus material as directed	150	m3	500	75,000	150	75,000	-
3.02	Extra over item 3.01 for excavation in solid rock	70	m3	3,000	210,000	70	210,000	-
3.03	Excavate unsuitable material below foundation level of culverts where directed and dispose. Provide approved material and compact to 100% W.A compaction to replace excavated material.	0	m3	-	-	0	-	-
3.04	Provide, place and compact 50mm concrete grade 15 for as blinding for base of box culvert	15	m	10,000	150,000	35	350,000	(200,000)
3.05	Provide place and compact concrete grade 25 for base and side walls of box culvert as indicated on the drawing or as directed.	60	m3	22,000	1,320,000	13	286,000	1,034,000
3.06	Ditto to item 3.05 but concrete to head-walls, wing walls, apron ditto	10	m3	22,000	220,000	1	22,000	198,000
3.07	Provide and fix marine board nailed to wrought vertical shuttering to sides and soffits of box culverts.	1,152	m2	1,000	1,152,000	84	84,000	1,068,000
3.08	Provide and fix wrought horizontal shuttering to soffits of box culverts	72	m2	1,000	72,000	38	38,000	34,000
3.09	Demolish existing Drainage and desilting of silted up drainage	0	m	-	-	0	-	-
3.10'	Construction R.C concrete drainage of size 0.6m x 0.6m wide including excavation in hardpan, shuttering and reinforcement (10mm diameter size /150mm wall thickness)	1,700	m	15,000	25,500,000	1,216.50	18,247,500	7,252,500



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3.11	Ditto for 0.8m x 0.8m (10mm diameter size/ 150mm wall thickness	500	m	19,000	9,500,000	673.2	12,790,800	(3,290,800)
3.12	Provide Reinforced concrete slab of 150mm thick to be placed as directed	200	m	5,000	1,000,000	46	230,000	770,000
3.13	Provide Reinforced concrete canal (1.2m x 1.2m) with cover slab of 150mm thick to be placed as directed	200	m	25,000	5,000,000	142.4	3,560,000	1,440,000
TOTAL OF BILL NO. 3 CARRIED TO SUMMARY					44,199,000		35,893,300	8,305,700

@Items 3.01 and 3.02 were not measurable by ENetSuD, and were therefore assumed to be executed by the contractor as approved in the BEME

For item 3.11, the depth of the drainage was found to be 0.6 meters instead of 0.8 meters specified in the BEME. Also, the thickness of the drainage wall was found to be 100 mm instead of 150 mm specified in the BEME

For item 3.13, the depth of the reinforced concrete canal was found to be 0.6 meters instead of 1.2 meters specified in the BEME. The slab cover was also found to be 112 mm thick instead of 150 mm specified in the BEME. Finally, Only 97 meters of the canal was covered with the slab out of the 142.4 meters met on site.

ENetSuD

Elites Network for
Sustainable Development



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BILL NO. 4 : ROAD WORKS

Items	Description	Quantity approved in the BEME	Unit	Approved rate in the BEME (₦)	Amount Approved in the BEME (₦)	Quantity met on Site by ENetSuD team	Amount calculated by ENetSuD (₦)	DIFFERENCE
4.01	Scarify, shape and compact formation in cut and fill area to 100% B.S compaction as sub-graded	7,000	m2	50	350,000	7000	350,000	-
4.02	Provide shape and compact naturally occurring laterite material 150mm thick as sub-base	1,250	m3	2,300	2,875,000	1119	2,573,700	301,300
4.03	Provide shape and compact naturally occurring laterite material 200mm thick as base and shoulders	1,460	m3	2,300	3,358,000	1492	3,431,600	(73,600)
4.04	Provide and lay prime coat of MC.I cut back at 1.01 litre per sq.m and blind with sand or quarry fine s.q.	7,300	m2	300	2,190,000	7460	2,238,000	(48,000)
4.05	Provide tack coat	7,300	m2	250	1,825,000	7460	1,865,000	(40,000)
4.06	Provide and lay asphaltic concrete wearing course (4 c.m compacted thickness)	7,300	m2	4,200	30,660,000	7460	31,332,000	(672,000)
TOTAL OF BILL NO. 4 CARRY TO SUMMARY					41,258,000		41,790,300	(532,300)

TOTAL COST OF ITEMS NOT EXECUTED ON SITE =

$$(\text{₦}65,200 + \text{₦}8,305,700 - \text{₦}532,300) =$$

₦ 7,838,600

Length of the road approved in the BEME
Length of the road met on site by ENetSuD
Width of the road approved in the BEME
Width of the road met on site by ENetSuD

1,000 meters
992 meters
7 meters
7.52 meters



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BREAKDOWN OF CONTRACT SUM

	BILL DESCRIPTION	AMOUNT
1	General	7,550,000.00
2	Earthworks	9,724,000
3	Culverts & Conc. Drain	44,199,000
4	Road works	41,258,000
	SUB TOTAL	102,731,000
	Add 5% contingency	5,136,550
	SUB TOTAL	107,867,550
	Add 5% VAT	5,393,377.50
	GRAND TOTAL (CONTRACT SUM)	113,260,927.5

CONTRACT SUM CALCULATION IS ACKNOWLEDGED TO BE CORRECT BY ENetSuD



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