

BILL OF QUANTITIES

FOR

LANDSCAPE WORKS

AT

OFF BAGA ROAD, MAIDUGURI

BORNO STATE





Bill of quantitties for Lanscape Works at off Baga, Road Maiduguri Borno State.

PROPOSED EXTERNAL WORKS FOR HOUSES

ref	abridged description	Qty	unit	rate	amount
ELEMENT No. 1					
EARTH WORKS (All Provisional).					
<u>SITE PREPARATION</u>					
A	Excavate over site av.150mm thick .	1920	m ²		
B	Dispose in temporary heaps off site.	1920	m ³		
<u>EXCAVATIONS AND EARTHWORK</u>					
C	Excavate and remove topsoil av. 150mm thick and remove excavated materials off site	288	m ³		
<u>FILLING</u>					
D	Average thickness not exceeding 300mm Laterite earth filling	576	m ³		
<u>SURFACE TREATMENT</u>					
E	Prepare and apply 'Dieldrex' or similar equal	1920	m ²		
Earth works to summary					
ref	abridged description	Qty	unit	rate	amount
ELEMENT No.2					
SOFT & HARD LANDSCAPE WORKS					
<u>Horticulturing</u>					
A	Clearing of vegetation and tilling of topsoil av. Depth not exceeding 150mm	574	m ²		
B	Provide, place, and till imported topsoil, av. Thickness not exceeding 150mm	86	m ³		
<u>Hard Landscape</u>					
C	Provide and spread 100mm thick 3/4 inch gravel for driveways and parking areas	235	m ³		
D	150mm thick interlocking paving stones laid on well compacted soil with damp proof membrane.	268	m ²		
E	Precast concrete kerbs (450 x 150 x 300) laid with cement sand mortar including haunching, all excavations and painting (2 coats with gloss paint)	240	m		
<u>Soft Landscape</u>					
F	Provide and lay approved imported top soil across green areas, av. Thickness not exceeding 200mm	115	m ³		
G	Plant and cultivate portharcourt grass including maintenance for 2 months	360	m ²		
H	Supply, plant, and nurture hedges/shurbs (planting as detailed on the site plan), including maintenance for 2 months	132	nr		
I	Supply,plant, and nurture shade trees according to the site plan, including maintenance for 2 months	28	nr		
Soft & Hard Landscape to summary					

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ref	abridged description	Qty	unit	rate	amount
	ELEMENT No.3				
	EXTERNAL ELECTRIFICATION				
	<u>Galvanized steel pole</u>				
A	6 meter circular galvanized steel pole for street lighting with inspection door and 4 holes for bolts with a single arm	6	nr		
	<u>LED solar light</u>				
B	250W LED solar stand alone single solar street light (including all accessories)	6	nr		
	<u>Base</u>				
C	Trapezoid concrete base	6	nr		
	<u>Accessories</u>				
D	Bolts, nuts, and washers	6	sets		
	External electrification to summary				
ref	abridged description	Qty	unit	rate	amount
	SUMMARY				
A	<u>EARTH WORKS</u>				
B	<u>SOFT AND HARD LANDSCAPING</u>				
C	<u>EXTERNAL ELECTRIFICATION</u>				
	<u>Bill to summary</u>				

PROPOSED EXTERNAL WORKS FOR SCHOOL BUILDING

ref	abridged description	Qty	unit	rate	amount
ELEMENT No. 1 EARTH WORKS (All Provisional). <u>SITE PREPARATION</u> A Excavate over site av.150mm thick . 2000 m ² B Dispose in temporary heaps off site. 2000 m ³ <u>EXCAVATIONS AND EARTHWORK</u> C Excavate and remove topsoil av. 150mm thick and remove excavated materials off site 300 m ³ <u>FILLING</u> D Average thickness not exceeding 300mm Laterite earth filling 600 m ³ <u>SURFACE TREATMENT</u> E Prepare and apply 'Dieldrex' or similar equal 2000 m ²					
Earth works to summary					
ref	abridged description	Qty	unit	rate	amount
ELEMENT No.2 SOFT & HARD LANDSCAPE WORKS <u>Horticulturing</u> A Clearing of vegetation and tilling of topsoil av. Depth not exceeding 150mm 478 m ² B Provide, place, and till imported topsoil, av. Thickness not exceeding 150mm 72 m ³ <u>Hard Landscape</u> C Provide and spread 100mm thick 3/4 inch gravel for driveways and parking areas 398 m ³ D 150mm thick interlocking paving stones laid on well compacted soil with damp proof membrane. 1250 m ² E Precast concrete kerbs (450 x 150 x 300) laid with cement sand mortar including haunching, all excavations and painting (2 coats with gloss paint) 300 m <u>Soft Landscape</u> F Provide and lay approved imported top soil across green areas, av. Thickness not exceeding 200mm 96 m ³ G Plant and cultivate portharcourt grass including maintenance for 2 months 300 m ² H Supply, plant, and nurture hedges/shurbs (planting as detailed on the site plan), including maintenance for 2 months 60 nr I Supply,plant, and nurture shade trees according to the site plan, including maintenance for 2 months 10 nr					
Soft & Hard Landscape to summary					

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ref	abridged description	Qty	unit	rate	amount
	ELEMENT No.3				
	EXTERNAL ELECTRIFICATION				
	<u>Galvanized steel pole</u>				
A	6 meter circular galvanized steel pole for street lighting with inspection door and 4 holes for bolts with a single arm	8	nr		
	<u>LED solar light</u>				
B	250W LED solar stand alone single solar street light (including all accessories)	8	nr		
	<u>Base</u>				
C	Trapezoid concrete base	8	nr		
	<u>Accessories</u>				
D	Bolts, nuts, and washers	8	sets		
	External electrification to summary				
ref	abridged description	Qty	unit	rate	amount
	SUMMARY				
A	<u>EARTH WORKS</u>				
B	<u>SOFT AND HARD LANDSCAPING</u>				
C	<u>EXTERNAL ELECTRIFICATION</u>				
	<u>Bill to summary</u>				

PROPOSED EXTERNAL WORKS FOR HOUSES

ref	abridged description	Qty	unit	rate	amount
ELEMENT No. 1 EARTH WORKS (All Provisional). <u>SITE PREPARATION</u> A Excavate over site av.150mm thick . 3000 m ² B Dispose in temporary heaps off site. 3000 m ³ <u>EXCAVATIONS AND EARTHWORK</u> C Excavate and remove topsoil av. 150mm thick and remove excavated materials off site 450 m ³ <u>FILLING</u> D Average thickness not exceeding 300mm Laterite earth filling 900 m ³ <u>SURFACE TREATMENT</u> E Prepare and apply 'Dieldrex' or similar equal 3000 m ²					
Earth works to summary					
ref	abridged description	Qty	unit	rate	amount
ELEMENT No.2 SOFT & HARD LANDSCAPE WORKS <u>Horticulturing</u> A Clearing of vegetation and tilling of topsoil av. Depth not exceeding 150mm 1335 m ² B Provide, place, and till imported topsoil, av. Thickness not exceeding 150mm 200 m ³ <u>Hard Landscape</u> C Provide and spread 100mm thick 3/4 inch gravel for driveways and parking areas 240 m ³ D 150mm thick interlocking paving stones laid on well compacted soil with damp proof membrane. 600 m ² E Precast concrete kerbs (450 x 150 x 300) laid with cement sand mortar including haunching, all excavations and painting (2 coats with gloss paint) 210 m <u>Soft Landscape</u> F Provide and lay approved imported top soil across green areas, av. Thickness not exceeding 200mm 267 m ³ G Plant and cultivate portharcourt grass including maintenance for 2 months 838 m ² H Supply, plant, and nurture hedges/shurbs (planting as detailed on the site plan), including maintenance for 2 months 120 nr I Supply,plant, and nurture shade trees according to the site plan, including maintenance for 2 months 30 nr					
Soft & Hard Landscape to summary					

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