

SCOPE OF WORK TO BE DONE

- Mechanical, Civil and Electrical Works
- Calibration and Integrity testing of Tanks and Piping
- Branding and Installation of Signages
- CCTV Installation
- Supply and Installation of 150 KVA Generator
- Supply and Installation of 8 Nos Pumps with Intelligence System (ATG and FCC)

SCOPE OF WORK FOR BRANDING

- Pylons (Primary Identity, Way in & Way out)
- Cladding of Canopy
- Lube Bay
- Pumps and Dispensers
- Forecourt Equipment
- Safety Signs

SAFETY SIGN	NUMBER	SIZE	Colour
No Smoking	8	450mm by 450mm	Red
No use mobile phone, switch off engine, No smoking	Stickers	150mm by 150mm	Red
switch off engine	2	450mm by 450mm	Red
Restricted Area	2	450mm by 450mm	Red
Muster Point/ fire assembly point	1	450mm by 500mm	Green
Caution sign – Petroleum Fumes highly flammable	2	450mm by 450mm	Yellow

<p>Danger: Petroleum Spirit/ AGO Highly Flammable</p>	<p>1</p>	<p>450mm by 500mm with a stand screwed to the ground</p>	<p>Red & blue</p>
<p>Directional sign (Arrow) -</p>	<p>2</p>	<p>250mm by 400mm</p>	<p>Blue</p>
<p>WAY TO RESTROOM</p>			
<p>Exit</p>	<p>1</p>	<p>400mm by 450mm</p>	<p>Green</p>
<p>Danger: Petroleum Spirit/ AGO Highly Flammable (Sample)</p>			

SHOPS/ OFFICE COMPLEX

PROJECT DESCRIPTION

Renovation Works of Petrol Station consisting of metal canopy housing fuel pumps and two storey shopping centre with raft foundation and ancilliary buildings of Security house, staff office and generator house all constructed with sandcrete blocks. The roof is long span aluminium roofing and Mechanical Installations. The External works consists refurbishing Manholes, Septic tank, Soak away pit and sandcrete fence wall

Description	unit	Qty
WALLS		
<u>BLOCKWORK</u>		
<u>Hollow sandcrete blocks, size 450 x225mm compressive strength 3.5N/mm² in cement mortar(1:4)</u>		
<u>Wall and partitons:</u>		
225mm wall.(under façade windows and toilets)	m ²	80
WALLS Carried to SUMMARY		

SO/01

Description	unit	Qty
<u>STAIRCASE</u>		
<u>METAL WORK</u>		
<u>Balustrading and Railings to Staircases and balconies.</u>		
Allow a Provisional Sum of N3,000,000.00(Three million naira only) for metal Balustrading and railings to staircases.	Sum	
<u>In-situ finishings.</u>		
<u>Beds and backing:</u>		
<u>Cement and sand(1:3);</u>		
30mm floated bed(landing)	m ²	12
Ditto to tread 250mm wide	m	32
12mm backing to riser;not exceeding 150mm wide	m	32
<u>Tile,slab and block finishings</u>		
<u>Supply and fix the following:</u>		
<u>Floor tiles laid level on floor with approved adhesive to cement and sand bed(measured separately)incuding pre-grouting joints with matching cement.</u>		
600x600mm vitrified floor tiles on landing.	m ²	12
Ditto tread ;250mm wide.	m	132
Ditto riser;175mm wide.	m	132
Ditto 100mm skirting.	m	60
<u>12mm Cement and sand(1:3)rendering finished fair and smooth to:</u>		
Soffit of landing	m ²	18
Sloping soffit of staircase	m ²	45
Open string of staircase average 300mm wide	m	45
To Collection		

SO/02

Description	unit	Qty
STAIRCASE (Cont'd)		
<u>PAINTING AND DECORATION</u>		
<u>Prepare and apply three coats of Fine coat emulsion paint on:</u>		
Rendered sides of open strings of staircase	m ²	15
Sloping soffit of staircase	m ²	45
Rendered soffit of landing	m ²	18
To Collection		
<u>COLLECTION</u>		
Page M8		
Page M9		
STAIRCASE Carried to SUMMARY.		

SO/03

Description	unit	Qty
ROOF WORKS		
WOOD WORK		
Allow a Provisional Sum of N75,000.00 for roof leakages	Sum	1
ROOF WORK Carried to SUMMARY		

SO/04

Description	unit	Qty
WINDOWS		
ALUMINUM WINDOWS		
<u>Supply and fix high quality white powder coated aluminium windows with 6mm tinted glass and aluminium flyscreen complete with fittings including locks,plugging and screwing to concrete and blockworks.</u>		
750x600mm high one leave casement aluminium projected window (W1)	Nr.	13
1200x 600mm high two leave casement aluminium hinged window	Nr.	1
1200x1200mm high two leave sliding aluminium hinged window (W2)	Nr.	5
1500x1200mm high two leave sliding aluminium hinged window (W3)	Nr.	8
2100x600mm high four leave sliding aluminium hinged window (W4)	Nr.	3
3000x600mm high four leave sliding and one leaf projected aluminium window (W6)	Nr.	9
SHOPFRONT GLASS WINDOWS		
<u>Supply and fix the following purpose</u>		
<u>made frameless powder coated Aluminium</u>		
<u>Curtain Wall and fixed complete with 10mm</u>		
<u>TEMPERED glass, accessories and</u>		
<u>fixing to concrete or block wall and</u>		
<u>pointing all round with approved mastic</u>		
<u>sealing compound to suit the following</u>		
<u>sizes:</u>		
2700 x 2400mm high shopfront jointless curtain window (W5)	Nr.	3
3600 x 2400mm high shopfront jointless curtain window (W 7)	Nr.	5
4200 x 2400mm high shopfront jointless curtain window (W8)	Nr.	10
Allow provisional sum of N750,000 for iron burglar proof for windows(Approved areas - NOT ALL)	Nr	1
WINDOWS		
Carried to SUMMARY		

SO/05

Description	unit	Qty
DOOR		
Wood Work		
<u>Supply and fix the following doors with frame and architraves plugged fixed to blockwall.</u>		
Wooden doors		
750x2100mm imported purpose made wooden casement door complete with frames and ironmongery(Toilets) 19 drs.	Nr.	1
900x2100mm imported purpose made wooden casement door complete with frames and ironmongery (Toilets)	Nr.	6
Metal Door		
900x2100mm imported purpose made metal security door complete with frames and ironmongery(Panel room ,back toilet on ground floor)	Nr	2
Aluminium Doors		
900x2400mm high single leaf swing Aluminium doors including top fixed light with ironmongery and necessaries(D3)	Nr	5
1200x2400mm high single leaf swing Aluminium doors including top fixed light with ironmongery and necessaries(D4)	Nr	3
1800x2400mm high double leaf swing Aluminium doors including top fixed light with ironmongery and necessaries(D5)	Nr	3
DOORS Carried to SUMMARY		

SO/06

Description	Unit	Qty
FLOOR FINISHES		
<u>Beds and Backing:</u>		
<u>Cement and sand (1:3):</u>		
44mm floated bed (IOGC office and approved areas)	m2	210
<u>Tile,slab and block finishings</u>		
<u>Supply and fix the following:</u>		
<u>Floor tiles laid level on floor with approved adhesive to cement and sand bed(measured separately)including pre-grouting joints with matching cement.</u>		
600x00x8mm glazed vitrified floor tiles(IOGC)	m ²	140
400x400x8mm unglazed vitrified floor tiles(toilets)	m ²	5
100mm wide 600x600mm glazed vitrified wall skirting.	m	70
<u>Handling and fix Only the following:</u>		
<u>Floor tiles laid level on floor with approved adhesive to cement and sand bed(measured separately)including pre-grouting joints with matching cement.</u>		
600x00x8mm glazed vitrified floor tiles(Tiles on site)	m ²	100
FLOOR FINISHES		
Carried to SUMMARY		

SO/07

Description	unit	Qty
WALL FINISHES		
Allow a Provisional Sum of N600,000 for dressing and making goods around doors, windows and other broken areas;	Nr	1
<u>Bed and Backing</u>		
<u>Cement and sand sand(1:3)</u>		
15mm render on wall (below windows)	m ²	120
15mm floated backing(IOGC)	m ²	13
<u>Tile,slab and block finishings</u>		
<u>Supply and fix the following:</u> <u>wall tiles laid level on wall with approved adhesive to cement and sand bed(measured separately)including pre-grouting joints with matching cement.</u>		
200x200mm Glazed ceramic wall tiles	m ²	13
<u>Painting and Decoration</u>		
<u>Prepare and apply three coats to Fine coat or equal equal approved emulsion paint on:</u>		
Rendered walls externally	m ²	110
<u>POP Wall Screeding</u>		
Plaster of Paris Screed rendering on plastered surfaces, steel trowelled and sanding on completion internally.	m ²	110
Plaster of Paris Screed rendering on plastered surfaces, steel troweed and sanding on completion Externally.	m ²	556
To Collection		
		SO/08

Description	unit	Qty
WALL FINISHES(Cont'd)		
Painting and decoration (Cont'd)		
<u>Prepare and apply Fine Emulsion wall finish to:</u>		
Rendered walls externally.	m ²	556
To Collection		
<u>COLLECTION</u>		
Page M17		
Page M18		
WALL FINISHES		
Carried to SUMMARY.		

SO/09

Description	unit	Qty
CEILING FINISHES		
<u>In-situ finishings</u>		
12mm cement and sand(1:3) rendering to soffit of suspended concrete slab	m ²	162
<u>Suspended Ceiling: exposed grid system comprising 15mm white galvanized steel grid at 600mm centers both ways filled with white laminate</u>		
Supply and install 600 x 600 x 15mm thick laminated gypsum board on the internal ceiling area ,	m ²	110
CEILING FINISHES Carried to SUMMARY.		
		SO/10

SUMMARY		
WALLS		
STAIRCASE		
ROOFS		
WINDOWS		
DOORS		
FLOOR FINISHES		
WALL FINISHES		
CEILING FINISHES		
ELECTRICAL INSTALLATIONS		
PLUMBING INSTALLATIONS		
MAIN BUILDING Carried to GENERAL SUMMARY		

SO/11

DESCRIPTION	unit	Qty
EXTERNAL WORKS		
<u>FENCE</u>		
<u>Wall Finishes</u>		
Allow a Provisional Sum of N200,000 for dressing and making goods around broken areas on block fence and metal fence; installation	Nr	1
<u>Painting and Decoration</u>		
<u>Prepare and apply Fine Emulsion wall finish to:</u>		
Rendered walls externally.	m ²	530
<u>Metal Works</u>		
Allow a Provisional N1,200.000 for all steel dwarf fence (front and sides) include materials on site - 108m	Sum	1
<u>Painting and Decoration</u>		
<u>Prepare and apply Fine Gloss paint finish to:</u>		
Rendered metal fence externally.	m ²	155
<u>Fence Wires</u>		
Barb Tape Concentina helical security fence wire 600mm diameter fixed with Y - bracket steel angle at 1500mm	m	120
<u>KERBS AND INTERLOCKING PAVING STONES</u>		
<u>Kerb</u>		
100mm x 450mm precast concrete kerbs	m	25
Plant portharcourt grass complete with imported black garden mature horse and thoroughly watered, protected and tend until finally established	Sum	
Evacuate all muddy water and dirts from soak aways, septic tanks and man holes and other remedial works	Sum	1
To Collection	S0/12	

IBILE OIL AND GAS CO.

PETROL SERVICE STATION



OFFICE SHOPS

BILLS OF QUANTITIES

IBILE OIL AND GAS CO.

PETROL SERVICE STATION

OFFICE SHOPS

BILLS OF QUANTITIES

IBILE OIL AND GAS CO.

PETROL SERVICE STATION

OFFICE SHOPS

BILLS OF QUANTITIES

IBILE OIL AND GAS CO.

PETROL SERVICE STATION

OFFICE SHOPS

BILLS OF QUANTITIES

FILLING STATION

PROJECT DESCRIPTION

Renovation Works of Petrol Station consisting of metal canopy housing fuel pumps and two storey shopping centre with raft foundation and ancilliary buildings of Security house, staff office and generator house all constructed with sandcrete blocks. The roof is long span aluminium roofing and Mechanical Installations. The External works consists refurbishing Manholes, Septic tank, Soak away pit and sandcrete fence wall

Description	unit	Qty
SERVICE STATION CANOPY		
Allow a Provisional Sum of N50,000.00 for roof leakages	Sum	1
Civil Works		
Concrete Work		
<u>In-situ concrete</u>		
<u>Grade 20 (1:2:4); Reinforced:</u>		
Dispenser Base(Diesel and Kerosine)	m ³	1.5
<u>Sawn formwork:</u>		
Sides and soffits of lintels	m ²	6
<u>Bed and Backing</u>		
<u>Cement and sand sand(1:3)</u>		
15mm floated backing.	m ²	12
Tile,slab and block finishings		
<u>Supply and fix the following: wall tiles laid level on wall with approved adhesive to cement and sand bed(measured separately)including pre-grouting joints with matching cement.</u>		
600x600mm Glazed ceramic wall tiles(Fuel dispenser bases)	m ²	12
Painting and Decoration		
<u>Prepare and apply three coats to Berger Paint or equal equal approved gloss paint on:</u>		
Rendered walls internally(Epoxy primer Red and Epoxy primer grey) on sides and soffit of canopy with column poles	m ²	551
Rendered walls internally(Marine coating White) on sides and soffit of canopy with column poles	m ²	551

FS/01

Description	unit	Qty
<u>SERVICE STATION CANOPY CONTD</u>		
<u>SIGNAGE</u>		
1200X3500mm high Pylon Signage Led Display, Conopy logo on Canopy roof fuel dispensing machine and illuminated perimeter lights.	Sum	1
Allow a Provisional sum of N150,000 to complete metal parapet and Aluminium longspan roofing sheets.	Sum	1
To Collection		
<u>COLLECTION</u>		
Page FS/01		
Page FS/02		
SERVICE STATION CANOPY Carried To Summary		

FS/02

SECURITY

PROJECT DESCRIPTION

Renovation Works of Petrol Station consisting of metal canopy housing fuel pumps and two storey shopping centre with raft foundation and ancilliary buildings of Security house, staff office and generator house all constructed with sandcrete blocks. The roof is long span aluminium roofing and Mechanical Installations. The External works consists refurbishing Manholes, Septic tank, Soak away pit and sandcrete fence wall

Description	unit	Qty
<u>STAIRCASE</u>		
<u>METAL WORK</u>		
<u>Balustrading and Railings to Staircases and balconies.</u>		
Allow a Provisional Sum of N250,000.00(Two hundred thousand naira only) for metal Balustrading and railings to staircases.	Sum	
<u>In-situ finishings.</u>		
<u>Beds and backing:</u>		
<u>Cement and sand(1:3);</u>		
30mm floated bed(landing)	m ²	4
Ditto to tread 250mm wide	m	16
12mm backing to riser;not exceeding 150mm wide	m	16
<u>Tile,slab and block finishings</u>		
<u>Supply and fix the following:</u>		
<u>Floor tiles laid level on floor with approved adhesive to cement and sand bed(measured separately)incuding pre-grouting joints with matching cement.</u>		
600x600mm vitrified floor tiles on landing.	m ²	4
Ditto tread ;250mm wide.	m	16
Ditto riser;175mm wide.	m	16
Ditto 100mm skirting.	m	8
<u>12mm Cement and sand(1:3)rendering finished fair and smooth to:</u>		
Soffit of landing	m ²	4
Sloping soffit of staircase	m ²	7
Open string of staircase average 300mm wide	m	7
To Collection		

SS/01

Description	unit	Qty
STAIRCASE (Cont'd)		
<u>PAINTING AND DECORATION</u>		
<u>Prepare and apply three coats of Fine coat emulsion paint on:</u>		
Rendered sides of open strings of staircase	m ²	3
Sloping soffit of staircase	m ²	7
Rendered soffit of landing	m ²	4
To Collection		
<u>COLLECTION</u>		
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STAIRCASE Carried to SUMMARY.		

SS/02

Description	unit	Qty
WINDOWS		
<u>ALUMINUM WINDOWS</u>		
<u>Supply and fix high quality white powder coated aluminium windows with 6mm tinted glass and aluminium flyscreen complete with fittings including locks,plugging and screwing to concrete and blockworks.</u>		
750x600mm high one leave casement aluminium projected window (W1)	Nr.	1
1200x1200mm high two leave sliding aluminium hinged window (W2)	Nr.	8
1800x1200mm high two leave sliding aluminium hinged window (W3)	Nr.	3
750x2700mm high fixed light glass aluminium	Nr.	2
1200x450mm high fixed light glass aluminium	Nr.	1
Allow provisional sum of N150,000 for iron burglar proof for windows(Approved areas - NOT ALL)	Nr	1
WINDOWS Carried to SUMMARY		

SS/03

Description	unit	Qty
DOOR		
Wood Work		
<u>Supply and fix the following doors with frame and architraves plugged fixed to blockwall.</u>		
Wooden doors		
750x2100mm imported purpose made wooden casement door complete with frames and ironmongery(Toilets) 19 drs.	Nr.	1
900x2100mm imported purpose made wooden casement door complete with frames and ironmongery (Toilets)	Nr.	
Metal Door		
900x2100mm imported purpose made metal security door complete with frames and ironmongery(Panel room ,back toilet on ground floor)	Nr	5
DOORS Carried to SUMMARY		

SS/04

Description	Unit	Qty
FLOOR FINISHES		
<u>Beds and Backing:</u>		
<u>Cement and sand (1:3):</u>		
44mm floated bed	m2	80
<u>Tile,slab and block finishings</u>		
<u>Supply and fix the following:</u>		
<u>Floor tiles laid level on floor with approved adhesive to cement and sand bed(measured separately)including pre-grouting joints with matching cement.</u>		
600x00x8mm glazed vitrified floor tiles(IOGC)	m ²	80
400x400x8mm unglazed vitrified floor tiles(toilets)	m ²	2
100mm wide 600x600mm glazed vitrified wall skirting.	m	76
FLOOR FINISHES Carried to SUMMARY		

Description	unit	Qty
WALL FINISHES		
Allow a Provisional Sum of N50,000 for dressing and making goods around doors, windows and other broken areas;	Nr	1
<u>Bed and Backing</u>		
<u>Cement and sand sand(1:3)</u>		
15mm floated backing(IOGC)	m ²	13
<u>Tile,slab and block finishings</u>		
<u>Supply and fix the following:</u> <u>wall tiles laid level on wall with approved adhesive to cement and sand bed(measured separately)including pre-grouting joints with matching cement.</u>		
200x200mm Glazed ceramic wall tiles	m ²	13
<u>Painting and Decoration</u>		
<u>Prepare and apply three coats to Fine coat or equal equal approved emulsion paint on:</u>		
Rendered walls internally	m ²	200
<u>POP Wall Screeding</u>		
Plaster of Paris Screed rendering on plastered surfaces, steel trowelled and sanding on completion internally.	m ²	200
Plaster of Paris Screed rendering on plastered surfaces, steel troweed and sanding on completion Externally.	m ²	176
To Collection		

SS/06

Description	unit	Qty
WALL FINISHES(Cont'd)		
Painting and decoration (Cont'd)		
<u>Prepare and apply Fine Emulsion wall finish to:</u>		
Rendered walls externally. To Collection	m ²	176
<u>COLLECTION</u>		
Page SS/07		
Page SS/08		
WALL FINISHES Carried to SUMMARY.		

SS/07

Description	unit	Qty
CEILING FINISHES		
<u>In-situ finishings</u>		
12mm cement and sand(1:3) rendering to soffit of suspended concrete slab	m ²	40
<u>Suspended Ceiling: exposed grid system comprising 15mm white galvanized steel grid at 600mm centers both ways filled with white laminate</u>		
Supply and install 600 x 600 x 15mm thick laminated gypsum board on the internal ceiling area ,	m ²	40
CEILING FINISHES Carried to SUMMARY.		

SS/08

<u>SUMMARY</u>		
WALLS		
STAIRCASE		
ROOFS		
WINDOWS		
DOORS		
FLOOR FINISHES		
WALL FINISHES		
CEILING FINISHES		
ELECTRICAL INSTALLATIONS		
PLUMBING INSTALLATIONS		
SECURITY BUILDING Carried to GENERAL SUMMARY		

SS/09

STAFF OFFICE

(BACK OF SHOP/OFFICE COMPLEX)

PROJECT DESCRIPTION

Renovation Works of Petrol Station consisting of metal canopy housing fuel pumps and two storey shopping centre with raft foundation and ancilliary buildings of Security house, staff office and generator house all constructed with sandcrete blocks. The roof is long span aluminium roofing and Mechanical Installations. The External works consists refurbishing Manholes, Septic tank, Soak away pit and sandcrete fence wall

Description	unit	Qty
WINDOWS		
ALUMINUM WINDOWS		
<u>Supply and fix high quality white powder coated aluminium windows with 6mm tinted glass and aluminium flyscreen complete with fittings including locks,plugging and screwing to concrete and blockworks.</u>		
1200x1200mm high two leave sliding aluminium hinged window (W2)	Nr.	10
Allow provisional sum of N250,000 for iron burglar proof for windows(ALL Windows)	Nr	1
WINDOWS Carried to SUMMARY		

ST/01

Description	unit	Qty
DOOR		
<u>Metal Door</u>		
900x2100mm imported purpose made metal security door complete with frames and ironmongery(Panel room ,back toilet on ground floor)	Nr	10
DOORS Carried to SUMMARY		

ST/02

Description	Unit	Qty
FLOOR FINISHES		
<u>Beds and Backing:</u>		
<u>Cement and sand (1:3):</u>		
44mm floated bed	m2	60
<u>Tile,slab and block finishings</u>		
<u>Supply and fix the following:</u>		
<u>Floor tiles laid level on floor with approved adhesive to cement and sand bed(measured separately)including pre-grouting joints with matching cement.</u>		
600x00x8mm glazed vitrified floor tiles(IOGC)	m ²	60
100mm wide 600x600mm glazed vitrified wall skirting.	m	70
FLOOR FINISHES Carried to SUMMARY		

ST/03

Description	unit	Qty
WALL FINISHES		
Allow a Provisional Sum of N50,000 for dressing and making goods around doors, windows and other broken areas;	Nr	1
<u>Painting and Decoration</u>		
<u>Prepare and apply three coats to Fine coat or equal equal approved emulsion paint on:</u>		
Rendered walls internally	m ²	120
<u>POP Wall Screeding</u>		
Plaster of Paris Screed rendering on plastered surfaces, steel trowelled and sanding on completion internally.	m ²	120
Plaster of Paris Screed rendering on plastered surfaces, steel troweed and sanding on completion Externally.	m ²	200
<u>Prepare and apply Fine Emusion wall finish to:</u>		
Rendered walls externally.	m ²	176
<u>Prepare and apply Fine Gloss wall finish to:</u>		
Fascia board	m ²	6
WALL FINISHES Carried to SUMMARY.		

ST/04

Description	unit	Qty
CEILING FINISHES		
<u>In-situ finishings</u>		
<u>Suspended Ceiling; exposed grid system comprising 15mm white galvanized steel grid at 600mm centers both ways filled with white laminate</u>		
Supply and install 600 x 600 x 15mm thick laminated gypsum board on the internal ceiling area ,	m ²	60
CEILING FINISHES Carried to SUMMARY.		

ST/05

<p><u>SUMMARY</u></p> <p>WALLS</p> <p>STAIRCASE</p> <p>ROOFS</p> <p>WINDOWS</p> <p>DOORS</p> <p>FLOOR FINISHES</p> <p>WALL FINISHES</p> <p>CEILING FINISHES</p> <p>ELECTRICAL INSTALLATIONS</p> <p>PLUMBING INSTALLATIONS</p>	<p>M03</p> <p>M06</p> <p>M07</p> <p>M08</p> <p>M09</p> <p>M10</p> <p>M12</p> <p>M13</p> <p>M15</p> <p>M16</p>	
<p>SECURITY BUILDING Carried to GENERAL SUMMARY</p>		

ST/06

GENERATOR HOUSE

PROJECT DESCRIPTION

Renovation Works of Petrol Station consisting of metal canopy housing fuel pumps and two storey shopping centre with raft foundation and ancilliary buildings of Security house, staff office and generator house all constructed with sandcrete blocks. The roof is long span aluminium roofing sheets with timber carcasses. The wall is rendered in cement refurbishing Manholes, Septic tank, Soak away pit and sandcrete fence wall

Description	unit	Qty
WINDOWS		
ALUMINUM WINDOWS		
<p><u>Supply and fix high quality white powder coated aluminium windows with 6mm tinted glass and aluminium flyscreen complete with fittings including locks,plugging and screwing to concrete and blockworks.</u></p>		
<p>900x950mm high one leave casement aluminium projected window</p>	Nr.	1
<p>WINDOWS Carried to SUMMARY</p>		

GN/01

Description	unit	Qty
DOOR		
<u>Metal Door</u>		
750x2100mm imported purpose made metal security door complete with frames and ironmongery(Store)	Nr	1
See through metal gate size 1800x 2100mm high in acordance to Architect drawings	Nr	2
DOORS Carried to SUMMARY		

GN/02

Description	Unit	Qty
FLOOR FINISHES		
<u>Beds and Backing:</u>		
<u>Cement and sand (1:3):</u>		
44mm screeded bed	m2	40
FLOOR FINISHES Carried to SUMMARY		

GN/03

Description	unit	Qty
WALL FINISHES		
Allow a Provisional Sum of N50,000 for dressing and making goods around doors, windows and other broken areas;	Nr	1
<u>Painting and Decoration</u>		
<u>Prepare and apply three coats to Fine coat or equal equal approved emulsion paint on:</u>		
Rendered walls internally	m ²	85
<u>POP Wall Screeding</u>		
Plaster of Paris Screed rendering on plastered surfaces, steel trowelled and sanding on completion internally.	m ²	85
Plaster of Paris Screed rendering on plastered surfaces, steel troweed and sanding on completion Externally.	m ²	70
<u>Prepare and apply Fine Emusion wall finish to:</u>		
Rendered walls externally.	m ²	70
<u>Prepare and apply Fine Gloss wall finish to:</u>		
Fascia board	m ²	6
WALL FINISHES Carried to SUMMARY.		

GN/04

Description	unit	Qty
CEILING FINISHES		
<u>In-situ finishings</u>		
<u>Suspended Ceiling; exposed grid system comprising 15mm white galvanized steel grid at 600mm centers both ways filled with white laminate</u>		
Supply and install 600 x 600 x 15mm thick laminated gypsum board on the internal ceiling area ,	m ²	5
CEILING FINISHES Carried to SUMMARY.		

GN/05

<u>SUMMARY</u>		
WALLS		
STAIRCASE		
ROOFS		
WINDOWS		
DOORS		
FLOOR FINISHES		
WALL FINISHES		
CEILING FINISHES		
ELECTRICAL INSTALLATIONS		
PLUMBING INSTALLATIONS		
SECURITY BUILDING Carried to GENERAL SUMMARY		

GN/06

DESCRIPTION	QTY	UNIT
FIRE FIGHTING SYSTEM		
Pipes (Black Steel SCH 40)		M
100mm dia.	95	"
75mm dia.	190	"
50mm dia.	90	"
50 x 50 x 50mm dia.	8	"
50 x 25 x 50mm dia.	5	"
Elbow (BS)		Nos
100mm dia.	15	"
75mm dia.	25	"
50mm dia.	20	"
25mm dia.	15	"
Reducing Socket (BS.)		Nos
100 x 25mm dia.	1	"
50 x 25mm dia.	1	"
Socket (BS.)		Nos
100mm dia.	15	"
75mm dia.	26	"
50mm dia.	20	"
25mm dia.	6	"
Fire Hydrant		Nos
75mm dia.	4	"
Fire Hose Reel		Nos
Automatic swing fir hose reel with 30m long of 25mm dia. Make Augus	3	"
Landing Valve		Nos
65mm dia.	3	"
Breeching Inlet		Nos
100mm dia.	1	"
Gate Valve		Nos
75mm dia.with flange	8	"
50mm dia.	6	"
25mm dia.	4	"
To Collection		

MM/01

DESCRIPTION	QTY	UNIT
FIRE FIGHTING SYSTEM Contd.		
Supporting Brackets with threaded rod & Anchor bolt		Nos
100mm dia.	10	"
75mm dia.	8	"
50mm dia.	10	"
25mm dia.	6	"
Nipple(Black Steel)		Nos
100mm dia.	4	"
75mm dia.	12	"
50mm dia.	10	"
25mm dia.	8	"
union connector(Black Steel)		Nos
75mm dia.	8	"
50mm dia.	4	"
25mm dia.	4	"
Reducing Bushing (BS.)		Nos
75 x 50mm dia.	2	"
50 x 25mm dia.	4	"
Air Automatic Air Vent		"
25mm dia.	2	"
Gate Valve		Nos
100mm dia.	1	"
Non Return Valve		"
75mm dia.	4	"
50mm dia.	4	"
Flange with Rubber Parking		"
100mm dia.	1	"
75mm dia.	16	"
65mm dia.	4	"
Fire Extinguisher		"
9Kg Dry Powder	15	"
9Kg CO2	15	"
Fire Bucjket	10	"
Fire Sprinkler Pump c/w jockey pump. Capacity: 20L/sec at 6000pa 1 Electric 1 Diesel Make: Naffco or Approved Equal	1	Set
22mm dia Bolt and Nut	98	Nos
75mm dia foot valve	1	Nos
All other items necessary for a complete installation including pipe brackets		Lots

MM/02

DESCRIPTION	QTY	UNIT
COLLECTION		

Page MM/01		
Page MM/02		
FIRE FIGHTING SYSTEM		
<u>SANITARY WARES INSTALLATION</u>		
<u>Handling and Fix Only</u>		
Twyford Water Closet (Close couple trap S4300 outlet) TWYFORD or approved equivalent	19	No
Twyford Wash Hand Basin - c/w 00 x 420mm. or approved equivalent	19	No
Supplyg and Fix the following items		
15mm dia angle valve	56	Nos
15mm dia chrome flexible connector	56	Nos
Wash basin Tap	19	Nos
100mm dia Pan Connector	19	Nos
Toilet roll holder	19	Nos
Hand drier	16	Nos
Soap Dispenser	19	Nos
32mm dia bottle trap with magic waste	19	Nos
All other items necessary for a complete installation including pipe brackets		Lots
SANITARY FITTINGS		

MM/03

DESCRIPTION	QTY	UNIT
SUMMARY		
FIRE FIGHTING SYSTEM		
SANITARY WARES FITTINGS		

MECHANICAL INSTALLATIONS Carried to Summary		
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MM/04

DESCRIPTION	SPEC	QTY	UNIT
<u>LIGHTING FITTING</u>	LITETECH		Nos
Supply and install the following:			
2 x 36W LED Fluorescent fitting	22	4	Nos
100W LED Flood light fitting	15	3	Nos
24W LED Surface downlight fitting	25	4	Nos
24W White prismatic bowl luminaire	58	10	Nos
Extractor fan		2	Nos
Installation Accessories			Lot
LIGHTING FITTING			
<u>SWITCHES & ACCESSORIES</u>	SPEC	QTY	UNIT
Supply and install the following:	ABB		
10A1-Gang 1-Way Switch	"	90	Nos
13A Twin Switch Socket Outlet	"	70	Nos
13A Twin Switch Socket Outlet IP65	"	43	Nos
20A Double Pole switch		22	Nos

EL/01

DESCRIPTION	SPEC	QTY	UNIT
Connection pont for AC outlet		22	Nos
Connection pont for Water heater outlet		1	Nos
Connection pont for extractor fan		2	Nos
Installation Accessories			Lot
COLLECTION			
Page			
Page			
SWITCHES & ACCESSORIES			
<u>CONDUITING & WIRING</u>			
Supply and run the following PVC Pipes, Cables and Accessories - All cables to be Nigerchin or			
Light points using 1.5mm ² sc cable in 20mm dia. PVC Pipes		#REF!	Nos
Power point using 2.5mm ² sc cable in 20mm Dia. PVC Pipe		113	Nos
Power point(20A & 15A) using 4.0mm ² sc cable in 20mm Dia. PVC Pipe		22	Nos
Installation Accessories			Lot
CONDUITING & WIRING			

EL/02

DESCRIPTION	SPEC	QTY	UNIT
CONTROL AND PROTECTION			
Supply and install the following:	ABB/APPR OVED EQUAL		
100A 4- Way TPN MCB Distribution Board with integral isolator		7	Nos
100A 8- Way TPN MCB Distribution Board with integral isolator		1	No
32A Enclosed TPN MCCB		6	Nos
32A 4P Isolator		4	Nos
Installation Accessories		Lot	
SLEEVES			
Supply and install the following:			
PROVISIONAL QUANTITIES			
100mm Diameter UPVC Pipe		100	m
50mm Diameter UPVC Pipe		50	m
Installation Accessories			Lot
SUMMARY			
LIGHTING FITTING			
SWITCHES & ACCESSORIES			
CONDUITING & WIRING			
CONTROL AND PROTECTION			
SLEEVES			
TOTAL CARRIED TO GENERAL SUMMARY			

DESCRIPTION	SPEC	QTY	UNIT
BACK OFFICE			
LIGHTING FITTING	LITETECH		Nos
Supply and install the following:			
40W 600mm x 600mm recessed LED panel light fitting		10	Nos
Extractor fan		1	Nos
Installation Accessories			Lot
<u>SWITCHES & ACCESSORIES</u>			
Supply and install the following:			
10A1-Gang 1-Way Switch	ABB "	5	Nos
13A Twin Switch Socket Outlet	"	10	Nos
20A Double Pole switch		1	Nos
Connection pont for AC outlet		1	Nos
Connection pont for extractor fan		1	Nos
Installation Accessories			Lot
Supply and run the following PVC Pipes, Cables and Accessories - All cables to be Nigercin or approved equal			
Light points using 1.5mm ² sc cable in 20mm dia. PVC Pipe		11	Nos
Power point using 2.5mm ² sc cable in 20mm Dia. PVC Pipe		10	Nos
Power point(20A) using 4.0mm ² sc cable in 20mm Dia. PVC Pipe		1	Nos
Installation Accessories			Lot

EL/04

DESCRIPTION	SPEC	QTY	UNIT
CONTROL AND PROTECTION			
Supply and install the following:	ABB/APPROVED EQUAL		
32A 4- Way SPN MCB Distribution Board with integral isolator		1	Nos
Installation Accessories		Lot	
SLEEVES			
Supply and install the following:			
PROVISIONAL QUANTITIES			
50mm Diameter UPVC Pipe		50	m
Installation Accessories			Lot
SUMMARY			
LIGHTING FITTING			
SWITCHES & ACCESSORIES			
		0	
CONTROL AND PROTECTION			
SLEEVES			
TOTAL CARRIED TO GENERAL SUMMARY			

DESCRIPTION	SPEC	QTY	UNIT
SECURITY			
LIGHTING FITTING			
Supply and install the following:	Average Quality		Nos
2 x 36W LED Fluorescent light fitting	1400	20	Nos
100W LED Flood light fitting	700	2	Nos
Extractor fan		1	Nos
Installation Accessories			Lot
SWITCHES & ACCESSORIES			
Supply and install the following:	ABB		
10A1-Gang 1-Way Switch	"	6	Nos
13A Twin Switch Socket Outlet	"	11	Nos
20A Double Pole switch		5	Nos
Connection pont for AC outlet		5	Nos
Connection pont for extractor fan		1	Nos
Installation Accessories			Lot
CONDUITING & WIRING			
Supply and run the following PVC Pipes, Cables and Accessories - All cables to be Nigercchin or approved equal			
Light points using 1.5mm ² sc cable in 20mm dia. PVC Pipes		23	Nos
Power point using 2.5mm ² sc cable in 20mm Dia. PVC Pipe		11	Nos
Power point(20A) using 4.0mm ² sc cable in 20mm Dia. PVC Pipe		5	Nos
Installation Accessories			Lot

EL/06

SPEC	QTY	UNIT	RATE
<u>CONTROL AND PROTECTION</u>			
Supply and install the following:	ABB/APPR OVED EQUAL		
32A 4- Way SPN MCB Distribution Board with integral isolator		1	Nos
Installation Accessories		Lot	
<u>SLEEVES</u>			
Supply and install the following:	PROVISIONAL QUANTITIES		
50mm Diameter UPVC Pipe		50	m
Installation Accessories		Lot	
SUMMARY			
LIGHTING FITTING			
SWITCHES & ACCESSORIES			
CONDUITING & WIRING			
CONTROL AND PROTECTION			
SLEEVES			
SECURITY			
CARRIED TO GENERAL SUMMARY			

DESCRIPTION	SPEC	QTY	UNIT
GENERATOR			
<u>LIGHTING FITTING</u>	LITETECH		Nos
Supply and install the following:			
2 x 36W LED Fluorescent light fitting		6	Nos
40W 600mm x 600mm recessed panel light fitting		4	Nos
Installation Accessories			Lot
<u>SWITCHES & ACCESSORIES</u>			
Supply and install the following:	ABB		
10A1-Gang 1-Way Switch	"	3	Nos
13A Twin Switch Socket Outlet	"	7	Nos
13A Twin Switch Socket Outlet IP65	"	4	Nos
20A Double Pole switch		1	Nos
Connection pont for AC outlet		1	Nos
Installation Accessories			Lot
<u>CONDUITING AND WIRING</u>			
Supply and run the following PVC Pipes, Cables and Accessories - All cables to be Nigerchin or approved equal			
Light points using 1.5mm ² sc cable in 20mm dia. PVC Pipes		10	Nos
Power point using 2.5mm ² sc cable in 20mm Dia. PVC Pipe		11	Nos
Power point(20A & 15A) using 4.0mm ² sc cable in 20mm Dia. PVC Pipe		1	Nos
Installation Accessories			Lot

EL/08

DESCRIPTION	SPEC	QTY	UNIT
CONTROL AND PROTECTION			
Supply and install the following:	ABB/APPROVED EQUAL		
32A 4- Way SPN MCB Distribution Board with integral isolator		1	Nos
Installation Accessories		Lot	
SLEEVES			
Supply and install the following:			
PROVISIONAL QUANTITIES			
100mm Diameter UPVC Pipe		100	m
50mm Diameter UPVC Pipe		60	m
Installation Accessories			Lot
SUMMARY			
LIGHTING FITTING			
SWITCHES & ACCESSORIES			
CONDUITING AND WIRING			
CONTROL AND PROTECTION			
SLEEVES			
GENERATOR			
CARRIED TO GENERAL SUMMARY			

DESCRIPTION	SPEC	QTY	UNIT
<u>SEVICE STATION/ EXTERNAL</u>			
<u>LIGHTING FITTING</u> Supply and install the following:	LITETECH		Nos
400W IP65 Flood light fitting		19	Nos
3.2M Standard steel lighting pole		19	Nos
24W LED Canopy light		20	Nos
Site signage		1	Nos
Installation Accessories			Lot
<u>POWER EQUIPMENT</u> Supply and install the following:			
11/.415KV 300KVA Transformer	MEKSAN	1	No
Allow for earthing of transformer and generator			Lot
Allow for civil works like transformer plinth, generator plinth and transformer fence.			Lot
Installation Accessories			Lot
<u>SUB - STATION ACCESSORIES</u> Supply and Install the following:			
10.3M Concrete pole		2	Nrs
11kV Gang isolators c/w lever		1	set
Raychem kit		1	set
11KV Lightning arrestor		1	Set
11kV D - fuse		1	Set
11KV Channel iron		6	Nrs
Excavation and erection of pole			Lot
Installation Accessories			Lot

EL/10

DESCRIPTION	SPEC	QTY	UNIT
CONNECTION FEES			
IKEDC fees (Processing, testing and commissioning)			Lot
NEMSA Fees			Lot
LOW VOLTAGE SWITCHBOARD			
	SPEC	QTY	UNIT
MAIN PANEL:			
630A TP MCCB panel			
INCOMER:		1	No
630A TPN MCCB1no			
OUTGOINGS:			
400A TPN MCCB.....1no			
250A TPN MCCB.....1no			
100A TPN MCCB.....2nos			
The board shall include ammeter, voltmeter, selector switches c/w Surge arrester and local LEDs fault indicator.			
SUB PANEL 1			
250A TP MCCB panel			
INCOMER:			
250A TPN MCCB1no			
OUTGOINGS:		1	No
63A TPN MCCB.....7nos			
32A TPN MCCB.....1no			
32A SPN MCCB.....2nos			
The board shall include ammeter, voltmeter, selector switches c/w Surge arrester and local LEDs fault indicator.			

DESCRIPTION	SPEC	QTY	UNIT
SUB PANEL 2			
400A TP MCCB panel			
INCOMER:		1	No
400A TPN MCCB1no			
OUTGOINGS:			
100A TPN MCCB.....2nos			
63A TPN MCCB.....2nos			
32A TPN MCCB.....4nos			
10A SPN MCB.....13no			
32A SPN MCB.....3nos			
The board shall include ammeter, voltmeter, selector switches c/w Surge arrester and local LEDs fault indicator.			
Installation Accessories			Lot
MAIN PANEL			
<u>CONTROL AND PROTECTION</u>			
Supply and install the following:		ABB/APPROVED EQUAL	
630A TPN Isolator		1	No
100A TPN Changeover		4	Nos
32A 4P Isolator		4	Nos
63A TPN Changeover		7	Nos
Installation Accessories			Lot

DESCRIPTION	SPEC	QTY	UNIT
LOAD CABLE & SLEEVES			
Supply and install the following:			
150mm 1C PVC/SWA/PVC Copper cable		150	Mtrs
35mm 4C PVC/SWA/PVC CopperCable		100	Mtrs
16mm 4C PVC/SWA/PVC Copper Cable		50	Mtrs
16mm 1C Heavy duty PVC Earth Copper Cable		50	Mtrs
6mm 4C PVC/SWA/PVC Copper Cable		60	Mtrs
6mm 1C PVC Earth Copper Cable		60	Mtrs
4mm 4C PVC/SWA/PVC Copper Cable		100	Mtrs
4mm 1C PVC Earth Copper Cable		100	Mtrs
2.5mm 3C PVC/SWA/PVC Copper Cable		420	Mtrs
150mm Diameter UPVC Pipe		750	Mtrs
75mm Diameter UPVC Pipe		385	Mtrs
Installation Accessories			Lot

DESCRIPTION	SPEC	QTY	UNIT
<u>EARTHING SYSTEM AND LIGHTNING PROTECTION</u>			
1.8M x 16mmdia. Copper earth rod		42	Nos
400mm x 400mm lattice copper earth mat		7	Nos
Copper Earth clamp		35	Nos
Earth coupler		21	Nos
Driving stud		14	Nos
Marconite		14	bags
Test clamp		1	Nos
Inspection Chamber		7	Nos
500mm Copper spike		1	No
25mm x 3 Copper Clip		40	Nos
25mm x 3 Copper bare Tape		20	mtrs
70mm ² earth copper cable		150	mtrs
Other Installation accessories			Lot
.			

DESCRIPTION	SPEC	QTY	UNIT
SUMMARY			
LIGHTING FITTING			
POWER EQUIPMENT			
SUB - STATION ACCESSORIES			
CONNECTION FEES			
LOW VOLTAGE SWITCHBOARD			
CONTROL AND PROTECTION			
LOAD CABLE & SLEEVES			
EARTHING SYSTEM AND LIGHTNING PROTECTION			
TOTAL CARRIED TO GENERAL SUMMARY			
<u>GENERAL SUMMARY</u>			
DESCRIPTION		QTY	UNIT
PRELIMINARIES			
SHOPS/ OFFICE			
BACK OFFICE			
SECURITY			
GENERATOR HOUSE			
SERVICE STATION/EXTERNAL			
GRAND - TOTAL			

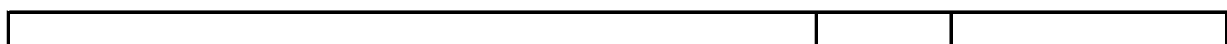
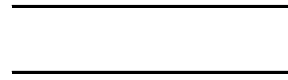
MAIN BULDINGS SUMMARY

OFFICES/SHOPING COMPLEX

**SERVICE STATION
GENERATOR HOUSE**

ELECTRICAL INSTALLATIONS

MECHANICAL INSTALLATIONS



GENERAL SUMMARY

IBILE OIL AND GAS CO.

PETROL SERVICE STATION

GENERAL SUMMARY