



YOBE STATE GOVERNMENT OF NIGERIA

MINISTRY OF WORKS

ABDUSALAM ABUBAKAR WAY

P.M.B. 1001

DAMATURU

MINISTERIAL BRIEFS

PRESENTED TO

PEER REVIEW GROUP

NIGERIA GOVERNORS FORUM SECRETARIAT

ABUJA

JUNE 2010

## **BRIEF ON YOBE STATE MINISTRY OF WORKS**

The Ministry is vested with the responsibilities of survey, design, supervision, and implementation of Government policies on civil and mechanical services. It is involved in construction of new roads and drainages, maintenance of existing ones and control of all forms of regulations on either main or township roads across the state.

It is organized into five departments for administrative convenience viz:-

- Personnel Management
- Planning, Research & Statistics
- Finance & Supplies
- Civil Engineering Services
- Mechanical Engineering Services

The Ministry has the staff strength of 462 work forces which include skilled, semi-skilled personnel. Each department is headed by a substantive director supported by relevant staff.

The functions of the departments are:-

1. Personnel Department:- is in charge of all staff matters including welfare, promotion, discipline, hiring and firing.
2. Finance Department:- it is in charge of all finances of the Ministry which include payments of all kinds, keeping of Banks records, control of cash books and all other financial documents.
3. Planning Department:- it is the data bank of the Ministry. It also controls the Ministry's budget and monitor implementation accordingly. It is the custodian of all capital projects and monitor proper implementation of such projects.
4. Civil Department:- it takes charges of all road construction projects, supervision and certify completion.
5. Mechanical Department:- takes care of all mechanical aspects of both Plants and machineries including light and heavy duty equipments.

The Ministry has Fire Service Board as its Parastatal and also has seven area offices located as follows:-

- Town engineer's office Damaturu
- Area Engineer's Offices in Potiskum, Gashua, Nguru, Geidam, Dapchi, and Buni-yadi

The Ministry has the following assets

1. One number mobile Marini Asphalt plant at katarko
2. A Quarry Plant at Buni-Gari
3. Ultra modern asphalt mixing plant Potiskum
4. A number of earth moving equipments & Trucks

Under the Local Government roads project, the Government has provided access roads in 9 different locations across the State and all are at various levels of completion. These roads were awarded by the Ministry for Local Govt. Affairs but are directly under the supervision of the Ministry of Works. (See detail in the table below)

### **Geidam-Maine Soroa road**

This road network was conceived by the Administration of former President Obasanjo with then former President of Niger Republic under bilateral arrangement. It was agreed between the two Leaders to create an international route network between the two countries along this axis. The Niger portion of the road has been completed at MaineSoroa and the Nigerian portion from Geidam is also completed.

The distance is 35km road second coat surface dressing with son bitumen based course

The road was awarded to CGC Nig. Ltd at the cost of N3,152,200,193:39 in 2006 by Yobe State Government under the instruction of Federal Government with the agreement that the State will be reimburse on progress basis.

From the junction point where the road stop to MaineSoroa in Niger Republic is just 7km while to Kanamma headquarters of Yunusari LGA is 9km. that is why the choice of this location being the center. The road is 100% completed waiting commissioning.

### **BUNIGARI-GULANI BRIDGE**

The project is construction of 2 Nos bridges and 3 Nos culverts

Contractor: RIC ROCK Construction Nig. Ltd

Project completion period Eighteen months i.e. from June 2009 to Nov. 2010

Project sum: N1,432,204,600.21

#### **Scope of work**

Construction of 2Nos bridges and 3Nos Box culverts with the following measurement and locations

- i. 150 meters long bridge (10 span) at Bularafa
- ii. 150 meters long bridge (7 span) at Ngibi
- iii. Quintuple cell box culvert (3.0 x3.0)m at Bara
- iv. Triple cell box culvert (3.0 x 3.0)m at Teteba
- v. Double cell box culvert (3.0 x 3.0)m at Duchi

## **Progress of work**

From the commencement of the work to date the following progress have been achieved:

1. The 3 No culverts have been completed
2. Pre-cast super structures of the 2 bridges have also been completed
3. Pilling work is also completed
4. In-situ casting of cross beam level is completed

Therefore by percentage considering the scope of work, they have achieved 88% level of completion.

## **Damaturu Inner Ring Road**

The Damaturu inner ring was awarded in May 2006 to EEC International Ltd at the sum of N2,055,000,000.00 with completion period of 12 dry months. It was divided into 4 quadrooms for construction convenience with total distance of 18.6km altogether.

The project did not make any significant progress as of that time due to poor funding until the coming of the present Administration, funds were provided and the project has been completed as you can see.

## **Scope of work of the project includes:**

1. Double lane carriageways of 7.3m width and 40mm compacted thickness either side
2. Reinforced sand crete block filled solid drain of 900mm diameter either side
3. 4Nos of round about circular of 30m diameter each
4. 4Nos of reinforced concrete box culverts of 4 cells each
5. Should surface dressed of 2.75m either side
6. Media kerbs of 2.0m width
7. Copping and struts beams for the drain

8. Guide rail and discharge outfall
9. Filling materials, sub-base and base course
10. Painting
11. Access crossing culverts and slabs

The project has been completed and ready for commissioning

### **KALIYARI-BAYAMARI-GAIDAM**

The road is a Federal Road but due to the level of dilapidation, the State Government could not wait for the federal intervention, which is not certain, decided to rehabilitate with asphalt overlay from Kaliyari village to Gaidam a distance of 109km at the total sum of N3,849,158,250.00, awarded to Bukham Engineering Company Nig. Ltd in May 2009 with completion period of 12 dry months.

#### **The scope of work of the project consists of:**

- Patching of pot holes and treatment of all other failures
- Upgrading of existing shoulders
- Regulating of undulating surfaces
- Treatment of all washouts
- Asphalt overlay 40mm thickness
- Surface dressing of shoulders using S125 and 18mm sized crushed stone

The project is on-going and at present they have achieved 62% level of completion.

### **GarinAlkali-Jakusko-Potiskum Road rehabilitation**

Contractor: Eighteenth Engineering Company International (EEC)

Contract sum: N5.19b

Year of award: Dec. 2008

Completion period: 18 dry months

Distance: 155km

Project: complete rehabilitation of the road with asphalt overlay of the entire length

**Scope of work consists of:**

- Scarifying of 40km distance critically failed portions from Garinalkali
- Rising out filling of the road embankment
- Repairs of bridge at Tarijim
- Reconstruction of failed culvert at Dawasa
- Asphalt overlay of 40mm wearing course on the entire length of the road from GarinAlkali to Potiskum.

**Work so far carried out:**

- i. Road clearance at 50km
- ii. Scarifying of road surface at 40km
- iii. Filling and rising of emwbankment at 40km
- iv. 40mm thick asphalt wearing course 34km

By percentage they have achieved 53% level of completion.

This road is entirely state road constructed in 1980 and ever since it has not experience any form of rehabilitation until now.

**USUR-AZBAK ROAD**

Project: Double coat surface dressing

Contractor: Bindigari Civil Engineering Company

Project Cost: N232,000,000

Distance: 4.5km

Year of award: April 2008

Completion period: 18 dry months

**The scope of work is:**

Bush clearing and survey

Filling of road embankment

Construction of culverts

Construction of literates sub-base and base courses

Stone pitching around the culverts

Spraying of double coat surface dressing

This road is one out of many roads awarded under the Local Government road projects. It is meant to open up rural linkages and provision of accessibility to locations where hitherto were not accessible.

The project is completed and waiting commissioning.

**Damaturu Township roads and drainages phase 1**

The contract for this project was awarded to CGC Nig. Ltd in May 2006 at the sum of N1.08 billion. The project could not progress much as at that time due to poor funding. By the coming of this Administration, funds were made available and the project was executed.



## **The Scope of work is**

Cumulative distance is 15km spread within the township

Provision of asphalt wearing course on each of the roads

Provision of side drains on both sides of the roads totally 30km

The widths of the roads are 7.3m carriageway and 1.5m shoulder on either side

The sub-base and the base courses are both 150mm thick each

The side drains are 600mm and constructed of 9 inch sancrete blocks wall filled solid

The project has been completed but not commission

## **Damaturu New Drainage**

The Damaturu new drainage project was awarded to Magpie Nig. Ltd in May 2008 at the cost of N2.8 billion with a completion period of 18 dry months

The aim of the project is to construct a primary collector channel that will collect and discharge all storm water within Damaturu township to a point in the eastern part of the town after the ring road.

### **The scopes of the project are:**

Construction of 12km trapezoidal concrete channel with 6m bottom width and 9m top width along Damaturu western watercourse.

Construction of two secondary channels, one behind the Emir's Palace and the other at Babban Tsangaya which will serve as feeders to the main channel

The channel section is made up of 50mm concrete blinding, a geotextiles membrane layer, 10mm reinforcement bars spaced at 200mm in both direction and 150mm concrete base with side walls

The project is on-going and based on the level of the work; the company has achieved 50% completion level.

### **Nguru-Machina Road 65km**

This road from Nguru to Machina a distance of 65km was awarded in the year 2002 by the previous administration at the cost of N2,247,279,065 to F.K Construction Ltd with initial completion period of 18 dry months. The project suffered undue delay due poor funding until the coming of the present Administration funds was provided and remarkable progress has been achieved. The project is now at about 92% level of completion.

It is a double coat surface dressing.

The following table contains the projects under the Ministry categorized into groups

S/N	Projects	Amount	Year of award	Remarks
<b>A.</b>	<b>Inherited from Previous Govt.</b>			
1	Geidam –MaineSoroa road 35km	N3,152,200,138.38	10/10/05	Completed
2	Damaturu Inner ring road 18.6km	N2,055,000,000	23/5/06	Completed
3	Damaturu Township roads phase 1, 15km	N1,088,000,000	3/5/06	Completed
4	Nguru-Machina road 65km	N2,247,279,065	30/13/02	On-going
<b>B.</b>	<b>Awarded by this Administration</b>	Contract sum	Year of award	Remarks
1	Kaliyari-Bayamari-Geidam 109km	N3,849,158,250.00	15/4/09	On-going 63% level
2	GarinAlkali-Jakusko-	N5,193,829,485.42	26/11/08	53% level of

	Potiskum 155km			
3	Damaturu township roads phase 2	1,733,617,557.26	25/3/10	30% level
4	Geidam-Bukarti road 35km	N4,029,710,712.70	15/4/09	49% level
5	Jajimaji-Karasuwa road 17km	N1,595,609,519.19	4/6/10	Just awarded
6	Damaturu new drainage 12km	N2,836,286,424.00	15/5/08	50% level
7	300 housing estate roads 10.38km	N680,000,000	On-going	56% level
<b>C</b>	<b>Awarded by Ministry for Local Govt. Under the supervision of the Ministry of Works</b>	Contract sum	Year of award	Remarks
1	Gulani Bridges & Culverts	N1,432,204,600.21	June 2009	88% level
2	Geidam Barley bridge	N219.54 million	Nov. 2008	90%
3	Usur-Azbak road 4.5km	N293,009,942.00	11/2/09	Completed
4	Bukarti-Azam	N329 million	11/2/09	90% level
5	Dogonkuka-Wachakal		Ditto	40% level
6	Babbangida-Chirokusko		Ditto	49% level
7	Babbangida Koriyel		Ditto	57% level
8	Ngelzarma-Mashio 17.5km	N530,540,132.85	11/2/09	Completed
9	Ngelzarma-Ngelshegele 16km	N747,126,544.60	11/2/09	80% level
10	DogonKuka-Daura 13km	N570,787,585.91	11/2/09	98% level

## **CHALLENGES**

Road project is capital intensive and as such it requires a great deal of inputs to bring out the required results. The State Government under the leadership of Alh. Ibrahim Gaidam FNCA, CPA is being putting a lot of efforts in providing road network across the State and within townships. These do not happen without some form of challenges.

It is crystal clear that northern part of Yobe falls within arid zone vulnerable for desertification, with all forms of sand dumps and difficult terrains. For road project along this axis is not easy considering the topography and natural features.

### **The major challenges are:**

- In most part of the north, road construction materials are not available. Borrow pits with good filling materials are not easy to get.
- Laterite materials can only be obtained along Nangere area a distance of not last than 200km so the cost of haulage is always high.
- Water for road construction is not adequate in most of the locations, hence, sourcing for enough water require moving out of the area meaning also additional cost
- Chippings are not available in the northern Yobe, it has to be sourced outside either from neighboring state of Jigawa or around Gujba area within the State a distance of not less than 300km