



# **FEDERAL MINISTRY OF WATER RESOURCES**

## **DEPARTMENT OF DAMS AND RESERVOIR OPERATIONS**

### **ONLINE INFORMATION UPDATE**

**(GROUND BREAKING CEREMONY OF FARIN-RUWA  
MULTIPURPOSE DAM IN NASARAWA STATE)**

***2<sup>nd</sup> JULY, 2021***

## **FLAG-OFF CEREMONY OF FARIN-RUWA MULTIPURPOSE DAM IN NASARAWA STATE**

The flag-off of the completion of construction of Farin Ruwa Multipurpose Dam was held on 12<sup>th</sup> June, 2021 in Wumba Local Government Area of Nasarawa State. The Honourable Minister of Water Resources, Engr. Suleiman H. Adamu FNSE, FAEng stated that the Federal Government is strongly committed to the provision of the needed infrastructure that will better the lives of all citizens and guarantee socio-economic development.

In his address, the Minister said that the project was originally initiated by the Nasarawa State, but it suffered setback due to lack of funds. The Nasarawa State Government solicited the intervention of the of the Federal Government to take it over. This was considered and approval for the take over and completion of the project was given on 19<sup>th</sup> October, 2018. The approval included the proposal to expand the project to include a Regional Water Scheme and Construction of Irrigation Infrastructure of about 2000ha to serve the people of the area.

The Farin-Ruwa Multipurpose Dam Project (FRMDP) is located in Wamba Local Government Area of Nasarawa State near its border with Plateau State. Part of the dam catchment area falls inside Plateau State. The project is about 20km on an Asphaltic Road from Sisimbaki town. The dam is an Earth Filled Dam with free overflow ungated spillway discharging into a plunge pool.

### **Features of the Project**

|                       |                          |
|-----------------------|--------------------------|
| Type of Embankment    | Earth Fill Dam           |
| Reservoir Capacity    | 73million m <sup>3</sup> |
| Reservoir Area        | 5.3km <sup>2</sup>       |
| Dam Crest Length      | 745.0m                   |
| Dam Embankment Height | 65.0                     |
| Access Road           | 20km                     |
| Spillway              | Ungated ogee type        |
| Power House Turbines  | 2x2MW & 2x8MW            |

The Federal Ministry of Water Resources intends to execute the other aspect of the project upon the successful intervention it is currently carrying on the dam

and access road. These deferred aspects include the Hydro-Electric Power System, Water Supply and Irrigation & Drainage Schemes. These components include the completion of the following;

- The completion of the power house civil works according to the original designs already prepared by the original contractor;
- Construction of a standard switchyard to handle 20MW of generated power;
- Complete installation, testing and commissioning of 2x2MW horizontal axis Francis turbines and generators and 2x8MW vertical axis Francis turbines and their generators;
- The tailrace for the evacuation of water used for generation and diverted back into the main channel of the Farin-Ruwa River.

## **SOME PHOTOGRAPHS FROM THE FLAG-OFF CEREMONY**



**Plate 1:**Farin Ruwa Multipurpose Dam Project Flag-off Plague



**Plate 2:** Arrival of Honourable Minister of Water Resources



**Plate 3:** Governor of Nasarawa State and Honourable Minister of Water Resources



**Plate 4:** Honourable Minister of Water Resources and Dr. Musa. W. Ibrahim



**Plate 5:** The Royal Fathers





**Plate 6:** Senator. Abdullahi Adamu Addressing the Stakeholders



**Plate 7:** Messrs. Poseidon Technologies Presenting Brief on Farin Ruwa Dam Project.



**Plate 8:** Honourable Minister of Water Resources Presenting Address





**Plate 9:** Governor of Nasarawa State Delivering Speech



**Plate 10:** Federal Ministry of Water Resources Staff



**Plate 11:** Federal Ministry of Water Resources Staff



**Plate 12:** Messrs. Poseidon Technologies (Consultant) and Wiz China Worldwide Engineering (Contractor)



**Plate 13:** Performance by the Isa Kungar Cultural Troupe, Nasarawa State.



**Plate 14:** Performance by the Kwarra Cultural Troupe, Nasarawa State.





**Plate 15:** Farin Ruwa Dam Embankment



**Plate 16:** Farin Ruwa Dam Intake Tower

