

# Kaduna-Abuja Highway - PHC Service

## Schedule Items – [SCALPED]

### **Project Planning and Design**

- Conduct comprehensive surveys and assessments of the existing road conditions.
- Develop detailed engineering designs and specifications.
- Obtain necessary environmental and regulatory approvals.

### **Site Preparation**

- Clear the construction area of vegetation and obstructions.
- Set up construction camps and storage facilities.
- Establish traffic management plans to ensure safety during construction.

### **Earthworks**

- Excavate and grade the roadbed to the required levels.
- Implement drainage systems to prevent water accumulation.
- Stabilize the subgrade to provide a solid foundation.

### **Pavement Construction**

- Apply base and sub-base layers using suitable materials.
- Lay asphalt or concrete pavement, depending on design specifications.
- Ensure proper compaction and surface finishing for durability.

### **Bridge and Culvert Construction**

- Construct or rehabilitate bridges and culverts along the highway.
- Install guardrails and safety barriers where necessary.

### **Ancillary Works**

- Install road signage, markings, and lighting for safety and guidance.
- Develop service areas, rest stops, and toll plazas as planned.
- Implement landscaping and erosion control measures.

### **Quality Control and Assurance**

- Conduct regular inspections and testing of materials and workmanship.
- Ensure compliance with engineering standards and specifications.

### **Environmental and Social Management**

- Monitor and mitigate environmental impacts during construction.
- Engage with local communities to address concerns and provide updates.

## **Project Monitoring and Reporting**

- Maintain detailed records of progress, expenditures, and challenges.
- Provide regular reports to stakeholders and funding agencies.

## **Commissioning and Handover**

- Conduct final inspections and address any deficiencies.
- Officially open the highway for public use.
- Transfer maintenance responsibilities to the appropriate authorities.