

**IN THE FOURTH SESSION OF THE SEVENTH
PARLIAMENT OF THE FOURTH REPUBLIC OF
GHANA**

PARLIAMENT OF GHANA LIBRARY

**REPORT OF THE COMMITTEE ON ROADS AND
TRANSPORT**

ON THE

**CONTRACT AGREEMENT BETWEEN THE
GOVERNMENT OF THE REPUBLIC OF GHANA
(REPRESENTED BY THE MINISTRY OF ROADS AND
HIGHWAYS) AND MABEY BRIDGE (REGISTERED AS
ACROW GLOBAL LTD. OF THE UNITED KINGDOM)
FOR AND AMOUNT OF FORTY-THREE MILLION
GREAT BRITAIN POUNDS (GBP£43,000,000.00)
FOR THE DESIGN AND DELIVERY OF
PREFABRICATED BRIDGES FOR DEPLOYMENT
THROUGHOUT GHANA**

28TH JULY, 2020

ACC NO: 30/2 CS
CLASS NO: CR/ GB 105/20

REPORT OF THE COMMITTEE ON ROADS AND TRANSPORT ON THE CONTRACT AGREEMENT BETWEEN THE GOVERNMENT OF THE REPUBLIC OF GHANA (REPRESENTED BY MINISTRY OF ROADS AND HIGHWAYS) AND MABEY BRIDGE (REGISTERED AS ACROW GLOBAL LTD OF THE UNITED KINGDOM) FOR AN AMOUNT OF FORTY-THREE MILLION GREAT BRITAIN POUNDS (GBP£43,000,000.00) FOR THE DESIGN AND DELIVERY OF PREFABRICATED BRIDGES FOR DEPLOYMENT THROUGHOUT GHANA

1. INTRODUCTION

On Wednesday, 22nd July, 2020 the Contract Agreement between the Government of the Republic of Ghana (Represented by the Ministry of Roads and Highways) and Mabey Bridge (registered as Acrow Global Ltd of the United Kingdom) for an amount of Forty-Three Million Great Britain Pounds (GBP £ 43,000,000.00) for the Design and Delivery of Prefabricated Bridges for deployment throughout Ghana was presented to Parliament by the sector Minister, Hon. Kwasi Amoako-Atta.

The Rt. Hon speaker referred the Agreement to the Committee on Roads and Transport for consideration and report in accordance with Article 181(5) of the 1992 Constitution and Order 189 of the Standing Orders of Parliament.

The Committee met the Deputy Minister of Roads and Highways, Hon. Kwabena Owusu-Aduomi and Officials from the sector Ministry. The Committee is grateful for the officers attending upon the Committee

2. REFERENCE DOCUMENTS

- i. The 1992 Constitution of Ghana
- ii. The Standing Orders of Parliament
- iii. The Contract Agreement on the design and delivery of prefabricated bridges for deployment throughout Ghana amounting to GBP £43,000,000.00 between the Government of the Republic of Ghana and Mabey Bridge (Registered as Acrow Global Ltd.)

The Ministry of Roads and Highways is currently implementing rigorous programme to improve the condition of the country's road network and related facilities throughout Ghana. Under this programme, Road Agencies, particularly the Department of Feeder Roads is rehabilitating and upgrading weak or broken log bridges with short and medium span steel composite bridges and the construction of major box culverts and bridges over water crossings to reduce the bottlenecks on the feeder road network.

It should be noted that one of the major challenges on the country's road network is numerous water crossing without bridge or culverts. Some roads are rendered unmotorable during the rainy seasons because vehicles cannot cross over to the other side of such road and the motoring public will have to make long detours.

Many areas of our country have been termed or described as a overseas because of the challenge numerous water crossings of rivers making such areas inaccessible.

By and large rural dwellers are usually cut off from district capitals and towns where they can access schools, health delivery facilities and market centres during wet seasons. This has constrained socio-economic development.

Government over the years have implemented and continue to implement a number of road infrastructure projects to connect districts to municipalities and municipalities to metropolitan areas.

Of the feeder road network of about 42,045km, only 25,931 km is adequate drainage. The remaining network is unengineered earth roads with water crossings which are not bridges. Besides, there are about 10,000km of tracks which cannot be improved without the installation of critical bridges or culverts.

The Department of Feeder roads has identified about 5,000 water crossing points which are hampering basic access of rural dwellers and impede continuity of routes. Of the 5,000 water crossing points, 1,200 locations have been prioritised for construction with the aim of improving the transportation

of agricultural inputs and products in order to increase food and cash crop production.

Previous and current governments have provided a number of interventions to provide bridges over water crossings on our network. Some are:

- Ghana - Dutch Bridge Project
- Ghana - Acrow Bridge Project
- The Belgium Bridge Project
- The Spanish Bridge and currently
- The Czech Bridge Project

DANIDA has also assisted the country in the construction of seven (7) bridges in the North including:

- The Kulungugu Bridge on Bawku - Kulungugu - Burkina Faso Road
- Garu Bridge on Bawku - Missiga - Garu Road
- Doninga and Sissala Bridges on Sandema - Doninga Road
- Ambalara Bridge on Bulenga - Yaala - Kundugu Road
- Kulun Bridge on Bulenga - Yaala - Kundugu Road

3. OBJECTIVES OF THE PROJECT

The objective of this supply contract include:

- To satisfy the basic human needs by increasing accessibility to hospitals, schools and other socially cultural facilities which are greatly hampered by lack of bridges at river crossing points.
- To remove bottleneck at river crossing and improve the movement of goods and people within the areas of influence and
- To contribute to economic development and the alleviation of poverty.

4. OBSERVATIONS AND RECOMMENDATIONS

Project Description

The facility before the Committee involves the design, fabrication and delivery of 89 pre-fabricated Mabey Steel Bridges. That is, steel components for superstructures of bridges, to be delivered to the Ghana Highways Authority depot at Akyem Kukurantumi.

Supply Structure of Bridges

The Committee was informed that the facility being tabled involved the design, fabrication and delivery of 89 prefabricated Mabey Steel Bridges - that is steel components for super structure of bridges to be delivered to the Ministry of Roads and Highways depot at Akyem Kukurantumi in the Eastern Region.

The bridges involve spans ranging from small (20m) to medium (30m)

Cost Component Breakdown

The breakdown cost component of the Mabey Bridges are as detailed as following:

ITEM	DESCRIPTION	TOTAL COST
1	30m Two-lane Bridge Components	42,275,000.00
2.	Launch & Erection Equipment for Two-lane Bridges	625,000.00
3.	Comprehensive Training Session in Ghana (Twice)	50,000.00
4.	UK Training Event	30,000.00
5.	Refresher Training in Ghana	20,000.00
SUB-TOTAL		£43,000,000.00

Launching of the Steel Component Bridges

The Committee was informed that prior to the launching of the steel components of the bridges, the abutment walls of reinforced concrete would be first constructed.

Benefits

The Committee noted that on completion of the 89 bridges on our network, the following would be eliminated from our roads:

- Long travel times due to long detours will be diminished.
- There will be no increase in cost of travel times since there will be continuity of routes and distances to various destinations will be shortened.
- Accessibility to hospitals, schools, market centres and other social cultural facilities will be improved.
- Socio-economic development of the people / rural dwellers will be improved and poverty will be alleviated in the zone of influence.

Duration of Project

The Committee noted that under the terms of the contract arrangement, the project is to be completed within a period of twenty-four (24) months or 730 calendar days, from the commencement date.

Contract Agreement

The Committee noted that under the supply agreement, Mabey Bridges registered as Acrow Global would augment Ghana's national infrastructural portfolio with bridging that assists communities in different parts of the country, with improved access and connectivity to the main transport and economic links which can be rapidly deployed in emergency situation.

Contract Cost

The supply facility agreement involves a contract figure of GBE43.0 million for the design and supply of 89 clear-span two-lane rapid response bridges each 30 metres long plus associated installation equipment for deployment throughout the country. The bridges are to be delivered over a two-year period with the project overseen by the Ministry of Roads and Highways with professional training support from Mabey Bridge specialists.

The Contractor (Mabey Bridges)

The Committee noted that the contract supplier is a world leader in the design, manufacture and supply of prefabricated modular steel bridges, with extensive experience in developing and implementing comprehensive bridge development program in Africa and beyond and the contractor has proven credentials on bridge building.

Supervision and Institutional Arrangements

The Ministry of Roads and Highways (MRH) acting through its Implementing Agencies namely, the Ghana Highway Authority, Department of Feeder Roads and the Department of Urban roads have adequate professional staff and have the experience and capacity of implementing several similar projects to supervise the installation of the bridges. The Bridge Maintenance Unit (BMU) of the Ghana Highway Authority which comes readily in mind has oversight responsibilities over the implementation of the project.

Public Procurement Rules

The Committee took cognisance of the fact that under the supply contract agreement, all relevant procurement rules applicable to the supply contract have been followed and complied with in its performance obligations under the Export contract.

Environmental Impact Assessment

The supply contract agreement makes provision for environmental impact studies. This calls for self-monitoring reports on environmental and social impact and obligations to be fulfilled by the borrower and supplier. This undertaken is well documented in the contract agreement and can be triggered in the event of a liability and where there is a cause for such action. A plan of action which is contained in the project management plan and is bidding on the parties to the agreement.

The parties are thus obliged to respect the environmental impact assessment and undertakings and present subsequent environmental impact assessment self-monitoring reports which will include obligations of borrower and supplier and ensure that obligations have been met with respect to the project.

General Requirements

- Project Scope and Capacity Building

The contract consists of the design, fabrication and delivery to the specified point of delivery of a quantity of a quality prefabricated modular steel Mabey Bridges for bridge superstructure together with erection drawings and manuals, all in accordance with the General Conditions of the contract and special conditions of the contract, technical specification and the Mabey Bridge project proposal. Training is also covered in the specification.

The supplier shall provide one training session for up to four (4) personnel designated by the Ministry of Roads and Highways in the United Kingdom at the supplier's plant/or on site in the art of assembly, maintenance and repair of the supplied Goods (bridge components).

The Committee noted that the project with its training component is for the technical men including the engineers.

Cost of the technical training services in the UK is included in the Bill of Quantities. The cost includes air fares, in-country travels plus accommodation and subsistence allowance for the duration of the training event.

Local Content

The Committee noted that under the agreement, local content is well catered for and training programmes for local professionals in both the United Kingdom and Ghana has been factored in direct and indirect employment would be generated at the various project sites with the employment of artisans and equipment operators.

Insurance Guarantee

The Committee took note that under the export contract, insurance guarantee of supply has been met in the procurement of material and services and that the parties would satisfy themselves to produce evidence that insurance has been effected and maintained.

Bill of Quantities

The Committee noted the contract makes provision that the suppliers shall assist the purchaser that is the Government of Ghana in advice on the correct assembly of the emergency bridges shall furnished the purchasing party with the required components of Mabey bridges required for the erection and completion of the bridges, detailed in the Bill of Quantities.

The priced Bill of Quantities is as attached as appendix A

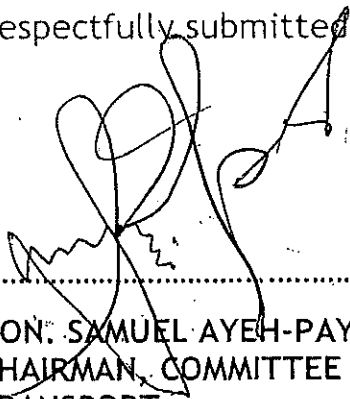
Value for Money Audit

The Committee was informed that value for money audit was in progress and that the Committee would receive the value for money audit report as soon as it is completed.

CONCLUSION

The Committee having carefully examined the supply contract agreement and satisfied that the project would be of immense benefit and enhance the quality of life of road users from the supply of the bridges for emergency implementation and water crossing points across the country facilitate accessibility and unanimously recommends to the House to adopt its report and approve the contract agreement for the supply of 89 prefabricated bridges for the amount of GB£43 Million between the Government of the Republic of Ghana and Mabey Bridge for the Country.

Respectfully submitted.



HON. SAMUEL AYEH-PAYE
CHAIRMAN, COMMITTEE ON ROADS AND
TRANSPORT



MR. ASANTE AMOAKO-ATTA
CLERK, COMMITTEE ON ROADS
AND TRANSPORT

APPENDIX A

ITEM REF	SUPPLY ITEM	QUANTITY	UNIT PRICE	TOTAL PRICE
1.	30m Two lane Bridge	89	GBP 475,000	GBP 42,275,000
2	Launch & Erection Equipment for Two Lane Bridges	10	GBP 62,500	GBP 625,000
Goods Total Price				GBP 42,900,000
3.	Comprehensive Training Session 1 in Ghana	1	GBP 25,000	GBP 25,000
4.	UK Training Event	1	GBP 30,000	GBP 30,000
5.	Comprehensive Training Session 2 in Ghana	1	GBP 25,000	GBP 25,000
6.	Refresher Training in Ghana	1	GBP 20,000	GBP 20,000
Services Total Price				GBP 100,000
Contract Price				GBP 43,000,000