

**Government of the People’s Republic of
Bangladesh**
**Ministry of Local Government Rural Development and
Cooperatives**

**TERMS OF REFERENCE
OF THE
CONSULTANCY SERVICES FOR PIU SUPPORT
(INDIVIDUAL HEALTH & SAFETY CONSULTANT)
FOR
WeCARE Phase - I**

April 2020



**Local Government Engineering Department
Local Government Division**

List of Abbreviations:

IDA	: International Development Association
IFAD	: International Fund for Agricultural Development
IFC	: International Finance Corporation
INDC	: Intended Nationally Determined Contribution
GOB	: Government of Bangladesh
LGED	: Local Government Engineering Department
RHD	: Local Government Engineering Department
PPA	: Public Procurement Act
PPR	: Public Procurement Rule
PMC	: Project Management Consultant
RHD	: Roads and Highways Department
SAARC	: South Asian Association for Regional Cooperation
WB	: World Bank
WeCARE	: Western Economic Corridor and Regional Enhancement

TERMS OF REFERENCE OF THE CONSULTANCY SERVICES FOR PIU SUPPORT (INDIVIDUAL HEALTH & SAFETY CONSULTANT)

1. INTRODUCTION AND BACKGROUND

INTRODUCTION

- 1.1 The Local Government Engineering Department (LGED) seeks to engage a qualified and experienced individual to provide support to the Project Implementation Unit (PIU) of WeCARE Phase – I in managing occupational health & safety aspects of the project.

BACKGROUND

- 1.2 WeCARE program is aimed at providing efficient, safe, and resilient connectivity along a section of a regional transport corridor in Western Bangladesh. To that end, intended outcomes of the program are: Reduced transport and logistics costs (including post-harvest losses) along a regional transport corridor in Western Bangladesh, Safer and resilient road network in Bangladesh, and Faster and reliable internet connectivity in Western Bangladesh, and
- 1.3 The WeCARE program will support the Bangladesh Roads and Highways Department (RHD) to upgrade 260 km of national highway from a two-lane single carriageway to four lanes which will reduce the time and cost of travel for passengers and freight. The local impacts of the corridor would be transmitted through investments in LGED managed rural roads, local markets, and agro-logistics in the ten districts through which the corridor passes. The World Bank and Asian Infrastructure Investment Bank (AIIB) are joint-financing for the Program.
- 1.4 WeCARE is a ten year long Multiphase Programmatic Approach (MPA) initiative. The program will consist of the following five phases:
- **Phase 1: Upgrading a section of the Jashore- Jhenaidah road section as a smart, resilient and safe highway; and local economic infrastructure**

Scope: This phase will upgrade a section of the Jashore-Jhenaidah national highway (17 km) from a two-lane single carriageway to four-lane dual carriageway. It will include

separate service lanes for slow moving vehicles and vulnerable users on both sides of the carriageway, installation of OFC, and deployment of ITS. It will

also finance the upgrading of priority Upazila, Union, and village roads and complementary logistics infrastructure at rural markets (commonly referred to as growth centers) in the four (4) Program Districts of Jashore, Jhenaidah, Magura, and Chuadanga. This phase will also finance the development of a “Pandemic Response Plan” for a leading road agency in Bangladesh, the required trainings/capacity building activities, and preparatory studies/activities for subsequent MPA phases. The latter will include a needs assessment for farmers benefiting from the investments in all 10 Program Districts to inform the potential inclusion of agriculture activities in future MPA phases.

- **Phase 2: Upgrading of a section of the Jashore- Jhenaidah road section as a smart, resilient and safe highway**

Scope: This phase will upgrade two sections of the Jashore-Jhenaidah national highway (31.5 km) from a two-lane single carriageway to four lane dual carriageway. It will include separate service lanes for slow moving vehicles and vulnerable users on both sides of the carriageway, installation of OFC, and deployment of ITS.

- **Phase 3: Road Maintenance Financing; and Strengthening Road Sector Management & Institutional Capacity**

Scope: This phase will primarily focus on improving the management and maintenance regime of the primary road network, including the provision of seed funds to reduce the financing gap in the GoB’s maintenance budget and operationalization of the road maintenance fund. This Phase will include the development of a Transport Sector Master Plan to enhance multi-modal transport integration and reduce institutional fragmentation in planning, implementation and operations; a comprehensive “Business Delivery Process Review”; and introduction and mainstreaming of good industry practices in areas of private sector financing and investment, contracting, road safety, value engineering, asset management, environment and social safeguards, climate resilience in design, construction and highway operations. The phase will also build on the reform efforts under the Bank’s ongoing LGED portfolio, including reforming the maintenance regime of rural economic infrastructure. Training and capacity building activities of the RHD and LGED as well as the industry (e.g. consultants, contractors) will also be financed under this Phase.

- **Phase 4: Upgrading of Bhomra – Satkhira-Navaron section as a smart, resilient and safe highway; and local economic infrastructure**

Scope: This phase will upgrade the Bhomra – Satkhira - Navaron national highway (62km) from a two-lane single carriageway to four lane dual carriageway. It will include separate service lanes for slow moving vehicles and vulnerable users on both sides of the carriageway, installation of OFC, and deployment of ITS. It will also finance priority

Upazila, Union, and village roads and complementary logistics infrastructure in the three (3) Program Districts of Sathkira, Natore, and Shirajganj.

- **Phase 5: Upgrading of Local Economic Infrastructure in three districts**

Scope: This phase will upgrade priority Upazila, Union, and village roads and complementary logistics infrastructure in the three (3) Program Districts of Kushtia, Pabna, and Meherpur. It will also undertake a needs assessment for farmers benefiting from the investments made in all 10 Program Districts.

1.5 WeCARE Phase 1 has the following components:

- **Component 1: Upgrading National Highway Corridor and enhancing digital connectivity:** This component will upgrade Jhenaidah-Jashore highway to a four-lane divided carriageway and will install Intelligent Transportation System features and Optical Fiber Cable features along the highway. This will be implemented by Roads and Highways Department.
- **Component 2(a) - Development and upgrading complementary logistics infrastructure and services:** This sub-component will finance the development of about 15 selected markets and logistics infrastructure involving storage, grading, sorting, packaging, collecting and selling facilities for selected agriculture value chains and livestock/fishing; and associated amenities like parking, sheds, piped-water supply, toilets, sanitation, waste management, banking, real time display of commodity prices using ICT, etc. The component will also finance associated services, including but not limited to, surveys, investigations, data collection, feasibility, design, individual experts, supervision, market allocation and management, training and capacity building of stakeholders & M&E. An ex-ante prioritization approach, utilizing geospatial modelling, will be used to select growth centers and economic hubs that can be improved to stimulate inclusive local economic growth. An ongoing gender needs assessment aims to ensure that the logistics infrastructure and services are gender sensitive. Specific resilient norms for cyclones/flooding risks will also be incorporated in design and construction.
- **Component 2(b) - Upgrading of secondary and tertiary road network serving selected markets:** This sub-component will finance upgrading and development of about 500km of priority Upazila, Union, and village roads serving selected markets; and associated services, including but not limited to, surveys, investigations, data collection, feasibility, design, individual experts, NGOs, supervision and M&E. Specific attention will be given to ensure safety and resilience in design and construction through the use of cost-efficient alternatives, green and local pavement material able to withstand high temperatures; provision of sufficient numbers of culverts/ditches/cross drainage to address the risk of flooding based on site-specific hydrological studies results; safe provisions for the Vulnerable Road Users (VRUs) and non-motorized transport (NMT) will be addressed by including traffic calming measures like lateral shift, chicane, realigned intersection, traffic circle, speed hump, speed table, raised crosswalk, raised intersection, corner extension, and chokers. The roads will be selected to enhance the logistics

efficiency for select value chains in the selected markets based on a multi criteria assessment and rigorous fieldwork that takes into account the location and area of influence of rural markets, difference in the levels of poverty and economic

development, levels of existing road connectivity, and the potential to benefit women within the districts.

- **Component 3 - Project implementation support and sustainability:**

This component will be implemented by both RHD and LGED and will finance associated services and goods for following sub-components:

- a) Training and capacity building;
- b) Strategic Environmental and Social Assessment (SESA);
- c) Establishing a Fiduciary Advisory Panel;
- d) Establishing a Transport Sector Integration and Coordination Platform (TSICP) and operationalizing the Road Maintenance Fund Board Act; and
- e) Preparatory Activities for Subsequent Program Phases.

- **Component 4 - Contingent Emergency Response:** This component comprises of the following activities:

- (a) Provision of jobs through labor intensive works;
- (b) Development of an Emergency Response Plan for COVID-19.
- (c) Provision of necessary physical upgrades to transport agencies.

1.6 The scope of work for the consultant pertains to the WeCARE activities to be implemented by LGED, i.e. components 2(a) and 2(b) for Phase -1.

2. OBJECTIVE

The main objective of this consultancy service is to support, implement, and advice the PIU for implementation of the Phase – I of WeCARE project.

The consulting services shall be provided by an experienced and qualified individual. The specific objectives include, but are not necessarily be limited to the following:

1. Assess environmental and social risks associated on behalf of PIU and help manage those risks during project planning and implementation stage.
2. Coordinate with all project personnel (e.g. contractors, consultants, other relevant agencies, community leader etc.) on behalf of PIU to avoid or mitigate associated risks.

3. Provide training on environment, health and safety aspects to ensure that all project personnel are well aware of their roles to avoid or mitigate associated risks.

3. TASKS OF THE CONSULTANCY SERVICES

3.1 Task Summary

This individual is needed to assist PIU for managing environment, health, and safety matters in planning or implementing the project.

3.2 Detailed Tasks

- i. Assist PIU to develop and implement written labor management procedures applicable to the project. These procedures will set out the way in which project workers will be managed, in accordance with the requirements of national law and Environmental and Social Standard (ESS) 2 from the World Bank's Environmental and Social Framework (ESF). The procedures will address the way in which this ESS will apply to different categories of project workers including direct workers, and the way in which the Borrower will require third parties to manage their workers.
- ii. Assist PIU in developing information and documentation to be conveyed to the contractors, consultants, labors so that each party knows their roles in this regard.
- iii. Assess if project workers will be paid on a regular basis as required by national law and labor management procedures. Deductions from payment of wages will only be made as allowed by national law or the labor management procedures, and project workers will be informed of the conditions under which such deductions will be made. Project workers will be provided with adequate periods of rest per week, annual holiday and sick, maternity and family leave, as required by national law and labor management procedures.
- iv. Assist relevant parties to develop a process that the labors will not be face discrimination of any kind.
- v. Assist PIU to ensure that child labor is not used in the project in accordance with national law of Bangladesh in this aspect.
- vi. Develop and implement a grievance mechanism for all workers to ensure that workplace concerns can be raised and addressed.
- vii. Assist PIU in taking Occupational Health and Safety (OHS) measures including (a) identification of potential hazards to project workers, particularly those that may be life threatening; (b) provision of preventive and protective measures, including modification, substitution, or elimination of hazardous conditions or substances; (c) training of project workers and maintenance of training records; (d) documentation

- and reporting of occupational accidents, diseases and incidents; (e) emergency prevention and preparedness and response arrangements to emergency situations; and (f) remedies for adverse impacts such as occupational injuries, deaths, disability and disease.
- viii. Assist all relevant parties employed in the project to establish and maintain a safe working environment, including that workplaces, machinery, equipment and processes under their control are safe and without risk to health, including by use of appropriate measures relating to chemical, physical and biological substances and agents. Such parties will actively collaborate and consult with project workers in promoting understanding, and methods for implementation of OHS requirements, as well as in providing information to project workers, training on occupational safety and health, and provision of personal protective equipment without expense to the project workers.
 - ix. Ensure that there is simple mechanism to report for project workers if the workplace is not safe or healthy and also remove themselves from a work situation that presents an imminent and serious danger to their life and health.
 - x. Assist PIU to ensure that workers will be provided with facilities appropriate to the circumstances of their work, including access to canteens, hygiene facilities, and appropriate areas for rest. Where accommodation services are provided to project workers, policies will be put in place and implemented on the management and quality of accommodation to protect and promote the health, safety, and well-being of the project workers, and to provide access to or provision of services that accommodate their physical, and social and cultural needs.
 - xi. Assist PIU avoid or minimize the potential for community exposure to water-borne, water-based, water-related, and vector-borne diseases, and communicable and non-communicable diseases that could result from project activities, taking into consideration differentiated exposure to and higher sensitivity of vulnerable groups.
 - xii. Assist PIU to identify and implement measures to address emergency events. An emergency event is an unanticipated incident, arising from both natural and man-made hazards, typically in the form of fire, explosions, leaks or spills, which may occur for a variety of different reasons, including failure to implement operating procedures that are designed to prevent their occurrence, extreme weather or lack of early warning. The measures will be designed to address the emergency event in a coordinated and expeditious manner, to prevent it from injuring the health and safety of the community, and to minimize, mitigate and compensate for any impacts that may occur.
 - xiii. Assist PIU to conduct risk hazard assessment and develop Emergency Response Plan (ERP) which will include, as appropriate: (a) engineering controls (such as containment, automatic alarms, and shutoff systems) proportionate to the nature and scale of the hazard; (b) identification of and secure access to emergency equipment available on-site and nearby; (c) notification procedures for designated emergency responders; (d) diverse media channels for notification of the affected community and other stakeholders; (e) a training program for emergency responders including drills at regular intervals; (f) public evacuation procedures;

- (g) designated coordinator for ERP implementation; and (h) measures for restoration and cleanup of the environment following any major accident.
- xiv. Any other relevant tasks assigned by PIU.

4.0 DURATION

Duration of the consultancy services would be approximately for 24 (Twenty four) months.

5.0 INSTITUTIONAL ARRANGEMENT

The Consultant will work under direct control of the Project Director. S/he will report directly to the Project Director with close collaboration with other officials of the Project. The Consultant shall be accountable to the Project Director for his day to day activities. For payment purpose, 22 business days of service will be considered a month and eight working hours a day.

6.0 REPORTING REQUIREMENT

The Consultant need to submit the following reports at a minimum. The PIU may require other relevant reports in addition to the following.

- i. Monthly report
- ii. Incident report
- iii. Quarterly summarized report
- iv. Final report

7.0 EDUCATION AND EXPERIENCE

She/He should have an appropriate graduate degree as a minimum and preferably a post graduate degree on public health or relevant subject. 5 years of Experience out of which preferably with WB project in management of community health and occupation health risks. Familiarity with WB's Environment and Social Framework is needed.

8.0 SELECTION PROCEDURE

Selection of the consultant will follow the procedures for selecting Individual Consultants (ICS) described in the World Bank's Procurement Regulation for IPF Borrowers, July 2016.