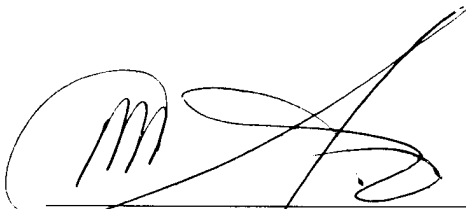
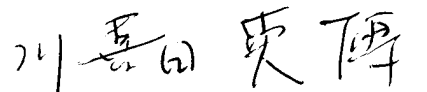


SCOPE OF WORK
FOR
THE PROJECT
FOR
THE IMPROVEMENT OF
WATER SUPPLY, SEWAGE AND SOLID WASTE MANAGEMENT
IN CHITUNGWIZA
IN
THE REPUBLIC OF ZIMBABWE
AGREED UPON BETWEEN
THE AUTHORITIES CONCERNED OF THE GOVERNMENT OF ZIMBABWE
AND
THE JAPAN INTERNATIONAL COOPERATION AGENCY

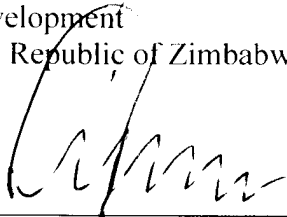
Harare, 25 August, 2011



Mr. Killian Mupingo
Permanent Secretary
Ministry of Local Government, Urban and Rural
Development
The Republic of Zimbabwe



Mr. Tsunehiro Kawakita
Resident Representative
Japan International Cooperation Agency
Zimbabwe Office



Mr. Godfrey Tanyanyiwa
Town Clerk
Chitungwiza Municipality
The Republic of Zimbabwe



Mr. Ringson J. Chitsiko
Permanent Secretary
Ministry of Water Resources Development and
Management
The Republic of Zimbabwe

I. INTRODUCTION

In response to the official request of the Government of the Republic of Zimbabwe (herein after referred to as "the Government of Zimbabwe"), the Government of Japan decided to conduct the Project for the Improvement of Water Supply, Sewage and Solid Waste Management in Chitungwiza (hereinafter referred to as "the Project") in accordance with the relevant laws and regulations in force in Japan.

Accordingly, the Japan International Cooperation Agency (hereinafter referred to as "JICA"), the official agency responsible for the implementation of the technical cooperation programmes of the Government of Japan, will jointly undertake the Project with the authorities concerned of the Government of Zimbabwe.

The present document sets forth the Scope of Work with regard to the Project.

The effectiveness of the Scope of Work is subject to the approval of JICA.

II. OBJECTIVES OF THE PROJECT

The objectives of the Project are:

1. to review existing plans and current conditions of water supply, sewage management and solid waste management in Chitungwiza
2. to compile a Master Plan on water supply, sewage management and solid waste management of Chitungwiza
3. to conduct Feasibility Study in highly prioritized projects in the M/P
4. to transfer relevant skills and technologies to organizations concerned in the course of the Project

III. PROJECT AREA

The Project will cover the entire area of Chitungwiza city in Zimbabwe.

IV. TARGET YEAR

The target year of the Master Plan is 2030.

V. SCOPE OF THE PROJECT


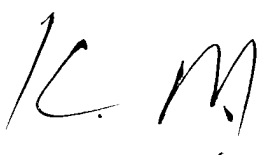
In order to achieve the objectives mentioned above, the Project will cover the following items:

Phase 1: Collection of basic information on sanitary environmental management

1. Legal systems for sanitary environmental management
2. Policies (National development plans, strategies and other development plans)
3. Relevant organizations (Chitungwiza Municipality; Ministry of Local Government, Urban and Rural Development; Ministry of Water Resources Development and Management; etc.)
 - (1) Laws and regulations regarding the organizations
 - (2) Structures and staffs
 - (3) Financial conditions



- (4) Activity plans
4. Natural Conditions of Chitungwiza
 - (1) Geography
 - (2) Meteorology
 - (3) Hydrology
 - (4) Natural environment (flora and fauna)
 - (5) Population and its projection
5. Current situation of water supplies
 - (1) Served population
 - (2) Water demand
 - (3) Water sources
 - (4) Quantitative and qualitative data of supplied water
 - (5) Water supply facilities (treatment plants, pipe networks, pumping stations, storage tanks, etc.)
 - (6) Water tariffs
 - (7) Operation and maintenance
6. Current situation of waste water management
 - (1) Served population
 - (2) Quantitative and qualitative data of waste water
 - (3) Waste water management facilities (treatment plants, sewers, pumping stations, etc.)
 - (4) Rain water drainage, if available
 - (5) Tariffs
 - (6) Operation and maintenance
7. Current situation of solid waste management
 - (1) Served population
 - (2) Collection systems
 - (3) Quantitative and qualitative data of waste
 - (4) Conditions of the equipment for the collection and landfill management
 - (5) Conditions of the landfill sites
 - (6) Tariffs
 - (7) Operation and maintenance
8. Socio-economic conditions
9. Land utilization (current situation and plans)
10. Industries (current situation and plans)
11. Irrigation
12. Financial status of Chitungwiza Municipality
13. Policy, legal and administrative framework for environmental and social consideration
14. Other donors' activities



Phase 2: Compiling a Master Plan for sanitary environmental management

1. Preparation for compiling a Master Plan on the following items:
 - (1) Study on improvement of water supply system
 - (2) Study on improvement of sewage management system
 - (3) Study on improvement of solid waste management system
 - (4) Study on improvement of financial conditions of Chitungwiza Municipality
2. Conducting Strategic Environmental Assessment based on JICA guidelines for environmental and social considerations (April 2010)
3. Conducting pilot projects including capacity development activities in selected areas
4. Compiling a Master Plan
5. Identification of highly prioritized projects for the implementation of Feasibility Study
6. Consideration of potential donors for implementation of the projects based on the Master Plan
7. Capacity development for compiling the Master Plan

Phase 3: Feasibility Study on sanitary environmental management

1. Implementation of basic designs for the highly prioritized projects including capacity development activities
 - (1) Basic drawings
 - (2) Cost estimation (for construction, operation and maintenance)
 - (3) Financial plan and economic feasibility assessment
 - (4) Environmental and social consideration based on JICA guidelines for environmental and social considerations (April, 2010)
2. Formulation of implementation schedule
3. Consideration of potential donors and/or investors for implementation of the project on the Feasibility Study
4. Capacity development for implementation of the Feasibility Study

VI. SCHEDULE OF THE PROJECT

The Project will be carried out in accordance with the tentative schedule as attached in Appendix 1. The schedule is tentative and subject to be modified when both parties agree upon any necessity that will arise during the course of the Project.

VII. REPORTS

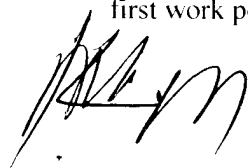
JICA shall prepare and submit the following reports in English to the Government of Zimbabwe.

1. Inception Report:

Ten (10) copies will be submitted to at the commencement of the first work period in Zimbabwe.

2. Progress Report I:

Ten (10) copies will be submitted at the time of sixth (8th) months after the commencement of the first work period in Zimbabwe.



3. Progress Report II:

Ten (10) copies will be submitted at the time of tenth (14th) months after the commencement of the first work period in Zimbabwe.

4. Draft Final Report:

Ten (10) copies will be submitted at the end of the last work period in Zimbabwe. The Government of Zimbabwe shall submit its comments within one (1) month after the receipt of the Draft Final Report.

5. Final Report:

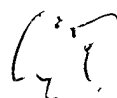
Twenty (20) copies will be submitted within one (1) month after the receipt of the comments on the Draft Final Report.

VIII. UNDERTAKINGS OF THE GOVERNMENT OF ZIMBABWE

1. To facilitate the smooth conduct of the Study; the Government of Zimbabwe shall take necessary measures:
 - (1) To permit the members of the JICA Project Team (herein after referred to as "the Project Team") to enter, leave and sojourn in Zimbabwe for the duration of their assignments therein and exempt them from foreign registration requirements and consular fees;
 - (2) To exempt the members of the Project Team from taxes, duties and any other charges on equipment, machinery and other material brought into Zimbabwe for the implementation of the Study;
 - (3) To exempt the members of the Project Team from income tax and charges of any kind imposed on or in connection with any emoluments or allowances paid to the members of the Project Team for their services in connection with the implementation of the Study;
 - (4) To provide necessary facilities to the Project Team for the remittance as well as utilization of the funds introduced into Zimbabwe from Japan in connection with the implementation of the study;
2. The Government of Zimbabwe shall bear claims, if any arises, against the members of the Project Team resulting from, occurring in the course of, or otherwise connected with, the discharge of their duties in the implementation of the Study, except when such claims arise from gross negligence or willful misconduct on the part of the Project Team.
3. Chitungwiza Municipality shall act as a counterpart organization to the Project Team and also as a coordinating body with other relevant organizations for the smooth implementation of the Project, on behalf of the Government of Zimbabwe.
4. The Government of Zimbabwe shall, at its own expense, provide the Project Team with the following, in cooperation with other organizations concerned :
 - (1) Security-related information on as well as measures to ensure the safety of the Project Team;
 - (2) Information on as well as support in obtaining medical service;
 - (3) Available data (including maps and photographs) and information related to the Project;
 - (4) Counterpart personnel;
 - (5) Suitable office space with necessary equipment; and
 - (6) Credentials or identification cards.

IX. CONSULTATION

1. Steering committee will be established as mentioned in the Minutes of Meeting as of June 30, 2011. The functions, chairperson and members of the committee are stipulated as Appendix 2.
2. JICA and the authorities concerned in Zimbabwe shall consult with each other in respect of any matter that may arise from or in connection with the Project.



The Steering Committee

1. Functions

The Steering Committee will be held twice a year through project period and whenever any necessity arises. The functions of the committee are as follows;

- (1) To review and discuss a project plan and progress
- (2) To examine major issues arising from the project
- (3) To discuss modification of project activities based on the necessity

2. Chairperson

The Permanent Secretary of Ministry of Local Government, Urban and Rural Development

3. Members

Zimbabwean side:

- (1) Project Director: The Permanent Secretary of MOLGURD
- (2) Project Advisor: The Town Clerk of Chitungwiza Municipality
- (3) Project Manager: The Director of Works, Chitungwiza Municipality
- (4) Representative(s) of MOLGURD
- (5) Representative(s) of Ministry of Water Resources Development and Management (MOWRDM)
- (6) Representative(s) of Ministry of Environment and Natural Resources (MOENR)
- (7) Representative(s) of Ministry of Foreign Affairs (MOFA)
- (8) Representative(s) of Ministry of Finance (MOF)
- (9) Representative(s) of Zimbabwe National Water Authority (ZINWA)
- (10) Representative(s) of Environmental Management Agency (EMA)
- (11) Representative(s) of Chitungwiza Municipality
- (12) Representative(s) of City of Harare
- (13) Representative(s) of Sub-Catchment and Catchment Councils

Japanese side:

- (1) JICA Project Team
- (2) Representative(s) of JICA Zimbabwe Office
- (3) Others assigned by JICA

Others:

Person(s) assigned by the Chairperson

