

添付資料 2

協議議事録



**Application Form For Japan GRAMT AID**

1. **Date of Entry:** 20/10/2008
2. **Project title:** The project for Rural and Urban water supply development in Amhara Regional State.
3. **Sub sector:** Water supply
4. **Project type:** Expansion and Rehabilitation of Existing rural and Urban water facilities and capacity building .
5. **Back ground of the Request :**

Supply of safe, adequate drinking water in Amhara region in particular and in Ethiopia in general is a critical problem. The problem is much more sever among rural household than urban. The national clean water supply coverage for urban is 89% and for the rural is 62%. Where as the Amhara region where the total population and the area coverage second from the national has 84% of urban water supply coverage and 47% of rural water supply coverage. This indicates that a lot of effort has to be exerted to increase the coverage not only to reach the existing national level but to meet the millennium development goal as well as the universal access program of the country. Universal access program was designed to reach 100% safe drinking water supply for both Urban and rural people of the country two years before the MDG.

**Use of safe and unsafe water resources country wide**

Source of Drinking Water Place of Residence	Year			
	1996	1998	2000	2004
<b>Country level</b>				
<b>Unsafe water</b>	87.2	71.7	72.0	63.9
Protected well/spring	5.5	10.2	11.1	12.9
public tap	11.4	10.8	13.5	18.8
own tap	2.2	2.7	3.3	4.2
<b>safe water</b>	19.1	23.7	27.9	35.9
<b>Rural</b>				
<b>Unsafe water</b>	75.1	81.7	82.8	74.5
protected well/spring	5.3	10.1	11.6	14.4
public tap	4.2	3.6	5.3	10.2
own tap	0.1	0.0	0.2	0.6
<b>safe water</b>	9.6	13.7	17.1	25.2
<b>Urban</b>				
<b>Unsafe water</b>	23.1	11.1	8.2	7.8
protected well/spring	6.4	10.6	7.9	4.7
public tap	51.4	54.1	62.1	64.4
own tap	14.9	18.8	21.7	23.3
<b>safe water</b>	72.1	83.5	91.7	92.4

Source: Region for MOWR

6. Relations between the project /program and the national development plan/

Name of the plan: Sustainable Development and poverty Reduction Program

Period: from 2008 /09 to 2012 /13

Water supply development was identified as one of the priority area in sustainable development and poverty reduction program (SDPRP) based on this five years development plan the Amhara region was planned to reach from 31% to 70% Rural water supply and from 78% to 96% Urban water supply coverage. To achieve this objective different activities such as study and design of water supply schemes, construction of different type of schemes (such as construction of deep wells, shallow wells, hand dug wells and spring development/ were proposed. In addition to construction works, rehabilitation of existing water supply schemes and water quality test were also included in the target. A summary of sector targets under the draft SDPRP II is presented in the following table.

**Selected Water Supply Indicators and Targets for SDPRP II period**

Indicator	2005/06	2006/07	2007/08	2008/09	2009/10
Supply of clean water (%of population)	51.5%	60.4%	60.4%	68.8%	76.8%
84.5Improved sustainability /Efficiency	Mail functioning water schemes reduced to 25%	Mail functioning schemes reduced to 20%	Mail functioning water schemes reduces to 15%	Mail functioning schemes reduced to 10%	Mail functioning schemes reduced to 5%
Rate of water born diseases decline/a	Reduce the case from 70%-80%	Reduce the case from 60%-50%	Reduce the case from 50%-40%	Reduce the case from 40%-30%	Reduce the case from 30%-20%
Water fetching time reduced	Water fetching distance reduced from 5.5km to 4.5km	water fetching distance reduced from 4.5km to 3.5km	water fetching distance reduced from 3.5km to 2.5km	water fetching distance reduced	water fetching distance reduced
No of Rural WS schemes constructed /b	374Dw 2551SW 20,2711W 2289SD	374DW 2551SW 20721HW 2289SD	374DW 2551SW 20721HW 2289SD	374DW 2551SW 20721HW 2289SD	374DW 2551SW 20721HW 2289SD
RWS schemes rehabilitated	23699 schemes	23700 schemes			
# of UWS system studied constructed & rehabilitated	192 town study, 51 constructed 77 rehabilitation	212 town study 184 constructed (including 51 previously started) 77 rehabilitation	152 town study 296 (including 133 previously started) constructed 42 rehabilitation	182 town study 233(including 183 previously started) constructed	167 (including 71 previously started) constructed

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**7. Relation b/n the project/program and the sector development program.**

Name of the program: Water sector Development program (WSDP)

Period: from 2005/06 to 2009/10

The position occupied by the proposed project/sector in the above mention program.

At a country level the first phase of sustainable Development and poverty reduction program (SDPRP 1) was formulated and implemented within the frameworks of the national water Resources Management policy, water sector strategy and water sector development program (WSDP). The SDPRP 1 period saw major expansion of rural and urban water supplies. In particular:

- Water supply systems were built or rehabilitated in 83 towns; benefiting some estimated 1.6million people: studies or design work are underway for another 47 towns:
- About 160,000 wells and rural water schemes were constructed, bringing clean water to about 5 million people:

As a result, the number of people with access to clean water increased from about 20 million at the beginning of SDPRP 1 to about 26.6 million today:

The program for the next five years is designed to build on the basis of these successes, and the lessons learned: to carry forward the sector policy and strategy developed during SDPRP 1, and the decision to accelerate implementation to achieve the MDGs.

In Amhara regional state, water supply scheme that include deep wells shallow wells, hand dug well and spring development were constructed and the water supply coverage was raised from 5% to 35% during SDPRP I and based on the experience and the result gained the second development plan was designed to reach from 31% to 80% the water supply coverage of the region . Here it is worth while to mention that the project proposed is there fore one of the activities planned to undertaken so as to achieve the targets.



## **Current situation of the proposed sector**

A lot of efforts were made to improve the water supply system of the region. The regional water resources development bureau has been prepared a five years plan so as to enhance a sustainable and equitable supply of safe and clean drinking water to the region despite all the effort, made and a positive indicator in the achievement However still I remain challenges. Access of safe and adequate drinking water for rural house holds especially the un reached area and in area where water source in a bottle neck problem, ensuring the operation and maintenance of water supply schemes in a sustainable ways, and establishing the financial viability of urban system as well as compatibility of existing urban water supply with the existing fast urban development ( both in population increment and urbanization) are the most notable among the different challenges.

## **8. Objectives, purpose of the project**

### **8.1 Overall Goal**

The broad goal of the project is to contribute to the Regional water sector Development program (WSDP) and improve the general clean water supply of the Region and hence, the country Ethiopia.

### **8.2 Project Purpose**

The intended project purposes are to:

- Improve access to clean water supply through the expansion of existing facilities and Rehabilitation of water schemes both in rural and Urban area's of the region.
- To build the human resource capacity of water bureau and water Desks through training for proper operation, maintenance and rehabilitation of water supply facilities.



## 9. Outline of the project/Program

### 9.1 Outlines of requested facilities or/and equipment

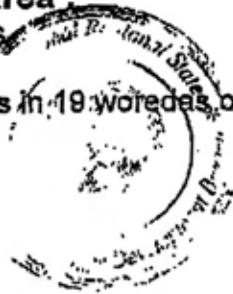
- i. Expansion and Rehabilitation of Existing water Facilities in 11 woreda Towns and 12 rural village.

Due to rapid population growth of the candidate towns, existing water supply facilities are to be expanded. Expansion of the existing facilities include construction works of additional boreholes, distribution reservoirs, extension of distribution lines and some additional public taps etc: as well as rehabilitation of some existing boreholes. Those 11 candidate towns and 2 village are as follows

1. Akesta (woreda town of legambo)
2. Mekaneselem (woreda town of of Borena)
3. Kelala (woreda town of Kelala)
4. Bolo (Rural town of mengar)
5. Meka Jillo (Rural town of mengar)
6. Aykele (Woreda town of chilga)
7. Dabate (Woreda town of Dabate)
8. Debark (Woreda town of Debark)
9. Ebinate (Woreda town of Ebinate)
10. Kimerdengay (rural town of gayente)
11. Anbesame (woreda town of Anbesame)
12. Bichena (Woreda town of Bichena)
13. Deberwork (Woreda town of Enawga)
14. Segno Gebeya ( rural town of Enebsie)
15. Geregera (rural town of Yellmana)
16. Mankussa (rural town of Jabitenan)
17. Gemjabet (Woreda town of Agew gimjabet)
18. Ras area (Kewete woreda village)
19. Dilemichael, Abaw Ager, Agemsa, Zeweldie, Agrit Ager (rural village in Minjar woreda)

### The Candidates area :

- 11 Woreda towns
- 6 Rural towns
- 6 Rural Villages in 19 woredas of the Amhara region.



## 10. Human Resource Capacity Building

Various trainings for water Bureau as well as woreda water Dsk personnel in order to raise the capacity of the personnel in terms of operation, maintenance and rehabilitation of water supply facility.

1. Rough request amount: Less than US \$5,000,000 or between US \$ 5,000,000 and US \$ 10,000,000 or over US \$ 10,000,000
2. Benefits/beneficiaries and expected results of the project:

The residence of the targeted 9. towns will be the direct beneficiary of the expansion and rehabilitation of the existing which is tabulated as follows .

No	Woreda Town	Population No
1	Akesta	3700
2	Mekaneselam	4300
3	Kelala	3400
4	Bolo	1050
5	Meka fillo	980
6	Aykele	3800
7	Dabate	4200
8	Debark	5600
9	Ebinate	5100
10	Anbesame	2300
11	Kimerdengay	3400
12	Bichena	7300
13	Deberwork	4800
14	Segno Gebeya	1200
15	Geregera	650
16	Mankussa	1250
17	Gemjabet	2400
18	rural village	7600
Total		63030





## 11. Location

Ethiopia covers 1,122,000 square kilometers with the population of over 70 million, is the second most populous country after Nigeria in sub-Saharan Africa. It is the second populous country in Africa after Nigeria. 90% of the populations live in rural areas and depend for survival mainly on agricultural products.

Since 1995, Ethiopia has been divided into nine National Regional State based on ethnic lines and the two Administrative city councils. These are Tigray, Afar, Amhara, Oromia, Somali, Benishangul Gumuz, Southern Nations, nationalities and peoples Region (SNNPR), Gambella, Harar, Addis Ababa and Dire Dawa.

Amhara is one of the regions that form the Federal Democratic Republic of Ethiopia. It is bordered by Afar Region in the east Tigray Region in the North, and North east Oromia in the south, Benshangule region in the south west and sudan in west.

The total population of Amhara Region estimated about 20,000,000 out of this total population 46% is female and the rest 54% male.

## 12. Requested schedule of implementation, and its reason

The proposed project is planned to be implemented to for the year 2009. The population of each woreda increases dramatically due to different economical activities through which people interaction among the nearby kebeles and neighbouring region. Therefore stress on the existing water supply scheme is increased accordingly. So the immediate implementation of the water supply scheme expansion and rehabilitation work is unquestionable.

## 13. Name of Implementing Agency:

**Ministry/Agency:** Water Resource Development Bureau of the Region 10 zonal branch office and water desks of the targeted 19 woredas covered by the project.

**Person in charge:** Mamaru Tsiduku

Head, water resources bureau of Amhara

**Address:** Bahir Dar, Ethiopia

**Telephone No:** 0582 200855

**Email:** mamesd@ethionet.et



**14. Relation with other assistance schemes of Japan's ODA**

1. Development Study

None

2. Technical cooperation (Expert, training, equipment)

Benefit training opportunities from the Groundwater Development and water supply Training center in water resource investigation as well as operation of maintenance activities.

**15. Environmental and social consideration (please fill in the attached screening format)**

The inhabitants of the project area are cooperative and very friendly especially in water resources development activities. Most of the project areas have good access road to implement the works smoothly.

**16. Request amount of the project**

The cost of the project is roughly estimated to close to US\$ 5 million

**17. Any relevant information of the project from gender perspective (Is there any significant gender gap? Does the project benefit both men and Women?)**

Water supply is an issue of high relevance to the welfare of women. Accessibility to safe drinking water in particular and to water in general has multiple of advantage for the women. First of all, safe water contributes to less morbidity among women and the fact it is found within few minutes walk from home saves her time and energy which could be geared towards self development. Moreover, more health for the family and particularly for the children mean, lessening the burden of nursing the sick that gives women more time for other activities and more of emotional relief.

**18. The detailed contents of the project (as to the assessment made by the two parties)**

**I. Facility**

1. site address
2. Rationale for the selected site (please specify the priority of the candidate sites)
3. The number and the size of the facility
4. cost of construction (cost breakdown)
5. Layout plan (if any)
6. Specification of Construction materials (if any)



## II. Equipment

1. Site address to be installed
2. Function
3. Names of main equipment
4. Cost of purchase (Cost breakdown)
5. Specification, the numbers, and unit prices (if available)
6. Invoice (if available)

## III. How to operate and maintain the facility/equipment, including the staff and technical level of the responsible organization

The operation and maintenance department expected to be operational this in collaboration with the woreda water desks will do the job. By continuous capacity building from different bodies the water desks and the water bureau shall get sufficient skills to undertake the facilities and perform effectively and in proper manner.

## IV. Preparation and environment of site

### 1. Land secure or to be secured

Since the local governments and the beneficiary communities at large have the major responsibility for providing an adequate size of land for the construction of water facilities, therefore, securing the land in line with the government policy and standards is unquestionable. Besides, there is enough political commitment to a progressive agenda for the construction water supply schemes.

### 2. leveling, drainage, availability of electricity, water, and telephone with in all the project area

In almost all the project area water supply, diesel engine powered electricity and other facilities are available in a limited manner.

### 3. Natural condition

Most of the project areas are found in the areas where rain is comparatively lower and erratic.



#### 4. Security condition

There is no any security problem in any part of the Amhara regional state. The people of the region has strong support for the implementation of water supply developmental activities. Those candidate woreda to benefit from the proposed project Administrative bodies shall facilitate the smooth implementation of the projects.

**Aid by third countries or international organizations in the related field**  
see annex 3

### Annexes

#### **Annex 1: Human Resource Numbers and qualification of Professionals in the Bureau**

YEAR	CERTIFICATE	DIPLOMA	BACHELOR	MSC/MA	UNKNOWN
2008/09	22	42	51	30	

#### **Annex 2: Details of Existing Facilities of the region**

##### **A. Buildings, stores and workshop**

The current office facilities are adequate. There is some problem of store and workshop.

##### **B. Machineries, tools & laboratory**

There is a well equipped mobile workshop. There is a drilling rig which are working effectively in the region under Am hare water works construction enterprise.

There is a water quality laboratory in the region water resource bureau and in some of zonal branch office. The problems in this aspect is shortage of chemical and some reagents.

