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1. ミニッツ (PDM添付)

THE MINUTES OF MEETING
BETWEEN
THE JAPANESE PRELIMINARY STUDY TEAM
AND
THE AUTHORITY CONCERNED OF THE GOVERNMENT OF
THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA
ON
THE JAPANESE TECHNICAL COOPERATION
FOR
THE PROJECT FOR CAPACITY BUILDING
OF
THE ERA TRAINING AND TESTING CENTER ALEMGENA

The Japanese Preliminary Study Team (hereinafter referred to as "the Team") organized by the Japan International Cooperation Agency (hereinafter referred to as JICA) headed by Mr. Kenji Kiyomizu, visited the Federal Democratic Republic of Ethiopia from March 14 to 23, 2000 for the purpose of clarifying the outline and background of the request of the Project for Capacity Building of the ERA Training and Testing Center Alemgena (hereinafter referred to as "the Project").

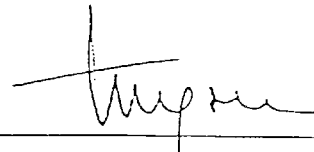
During the stay in the Federal Democratic Republic of Ethiopia, the Team visited the Project site, exchanged views and had a series of meetings with the Ethiopian authorities concerned.

As a result of the discussions, the Team and the Ethiopian authorities concerned agreed to report to their respective governments the matters referred to in the attached document.

Addis Ababa, March 22, 2000

清水 健二

Mr. Kenji Kiyomizu
Leader
Preliminary Study Team
Japan International Cooperation Agency
Japan



Mr. Tesfamichael Nahusenay
General Manager
Ethiopian Roads Authority (ERA)
The Federal Democratic Republic of Ethiopia

THE ATTACHED DOCUMENT

1. The framework of the Project

For the formulation of the master plan for the Project, both sides tentatively confirmed the following as the major items of the plan.

1-1. Title of the Project

The Project for Capacity Building of the ERA Training and Testing Center Alemgena

1-2. Overall Goal

Road Sector Development Program (hereinafter referred to as "the RSDP") is facilitated in aspects of road maintenance and rehabilitation.

1-3. Project Purpose

The purpose of the Project is to enable the ERA training and testing center Alemgena to provide training in sufficient quality and quantity in the field of construction equipment operation, construction equipment maintenance, and road maintenance.

1-4. Outputs

- (1) Training management is improved
- (2) Training curricula are improved
- (3) Instructors improve their technical and teaching skill
- (4) Equipment are properly prepared
- (5) Trainees' performance is improved.

1-5. Project Activities

Based on the result of the Project Cycle Management (PCM) workshop, details of the project activities will be determined in subsequent discussions.

2. Project Site

The project will be stationed at the ERA Training and Testing Center Alemgena.

3. Duration of the Project

The duration of the Japanese technical cooperation for the Project shall be three (3) to five (5) years. The starting date will be fixed by both sides later on.



4. Measures to be taken by the Japanese Government

4-1. Dispatch of Long-term experts as follows;

- (1) Chief advisor
- (2) Coordinator
- (3) Construction equipment operation
- (4) Construction equipment maintenance
- (5) Road maintenance

4-2. Dispatch of Short-term experts

Short-term experts will be dispatched in accordance with the needs for the effective implementation of the Project.

4-3. Training of Counterpart Personnel in Japan

Ethiopian counterpart personnel involved in the Project will be trained in Japan. The number of trainees and training periods shall be determined on annually according to the discussions by the both sides.

4-4. Provision of Equipment

The detail of provision of equipment will be defined during the Supplementary Study. A list of equipment for the Project recommended by the Team is attached as ANNEX 4.

5. Measures to be taken by the Ethiopian Government

5-1. Counterparts

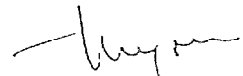
Assignments of a sufficient number of full time counterpart personnel being capable in English for technical transfer, and administrative personnel to ensure effective operation of the Project.

5-2. Buildings and Facilities

Ethiopian side will prepare necessary buildings and facilities for the implementation of the Project and also will provide offices and other necessary facilities for the Japanese experts.

5-3. Running Expenses

Ethiopian side will ensure all running expenses for the implementation of the project.



6. Joint Coordinating Committee

The joint coordinating committee will be established for the smooth and effective implementation of the Project. The joint coordinating committee will meet at least once a year and when it is necessary.

7. Tentative Schedule

7-1. Supplementary Study

For the purpose of formulating the detailed plan of the implementation of the Project, the Supplementary Study will be implemented. Details of curriculum, provision of equipment, instructors' training plan and operating plan will be studied then.

7-2. Implementation Study

When the Project is found viable by the Japanese Government, the Japanese Implementation Study Team will be dispatched to determine the detailed content of the technical cooperation and record it in the form of a Record of Discussion.

The Team and Ethiopian side agreed that the Implementation Study Team would be sent after the confirmation that necessary buildings and facilities for the project are completed.

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| ANNEX 1 | Attendants at the meeting |
| ANNEX 2 | Attendants at the PCM workshop |
| ANNEX 3 | Tentative Project Design Matrix |
| ANNEX 4 | List of machinery and equipment recommended by the Japanese side |



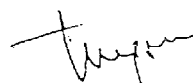
Attendants at the Meeting

MEMBERS OF THE JAPANESE SIDE

1. Mr. Kenji Kiyomizu : Leader
Senior Advisor on Civil Engineering (Registered Consulting Engineer)
Institute for International Cooperation, Japan International Cooperation Agency (JICA)
2. Mr. Kazuo Watanabe: Construction Machinery
Executive Managing Director, Japan Construction Mechanization Association
3. Mr. Shigeki Yamamoto: Road Maintenance
Deputy Head, Hayashima Operation Office, Honsyu-Shikoku Bridge Authority
4. Mr. Kenichi Takeuchi: Cooperation Planning
Technical Advisor, Second Technical Cooperation Division,
Social Development Cooperation Department,
Japan International Cooperation Agency
5. Mr. Hideo Sakamoto: Participatory Planning
Senior Consultant, PADECO Co., Ltd.
6. Mr. Hiroshi Sumiyoshi
Assistant Resident Representative, Japan International Cooperation Agency Ethiopia Office

MEMBERS OF ETHIOPIAN SIDE

1. Mr. Tesfamichael Nahusenay
General Manager, ERA
2. Mr. Geleso Borie
Human Resource and Finance
3. Mr. Alemu Kebede
Human Resource Development Division Head, ERA
4. Mr. Ailu Chekun
Manager, Training and Testing Center Alemgena, ERA



Attendants at the Project Cycle Management (PCM) Workshop

No.	Name	TITLE
1	Meheret Kassahun	Instructor, Alemgena
2	Eshetu Admassu	Instructor, Alemgena
3	Wegayehu Kassa	Instructor, Alemgena
4	Fisseha Tadesse	Administrator, Alemgena
5	Gemechu Gashawbeza	Instructor, Alemgena
6	Wondwossen Alemu	Technician, Alemgena
7	Selamawit Yeshifila	Contract Engineer, Alemgena
8	Miraf Eluas	Contract Engineer, Alemgena
9	Yakob Medihin	Contract Engineer, Alemgena
10	Addisu Taffese	Instructor, Alemgena
11	Tekele Daba	Instructor, Alemgena
12	Kefyalew Teffera	Instructor, Alemgena
13	Getaneh Zewde	Instructor, Alemgena
14	Tigabu Tessema	Instructor, Alemgena
15	Bayissa Heyi	Instructor, Alemgena
16	Tekele Abebe	Instructor, Alemgena
17	Asnakkeh Teffera	Senior Expert, MEDaC
18	Zerihun Bekele	Technician, Alemgena
19	Senait Wondimu	Instructor, Alemgena
20	Yemesrach Yohannes	Librarian, Alemgena
21	Admassu Teka	Instructor, Alemgena
22	Zenebe Tilahun	Civil Engineer, ERA
23	Mesresha Tadesse	Civil Engineer, ERA
24	Kenji Kiyomizu	Leader, JICA Preliminary Study Team
25	Kazuo Watanabe	Member, JICA Preliminary Study Team
26	Shigeki Yamamoto	Member, JICA Preliminary Study Team
27	Kenichi Takeuchi	Member, JICA Preliminary Study Team
28	Hideo Sakamoto	Member, JICA Preliminary Study Team
29	Hiroshi Sumiyoshi	Assistant Resident Representative, JICA
30	Yeshitla Amare	Local staff, JICA

Tyger



ANNEX 3 Tentative Project Design Matrix

Project name: Project for Capacity building of ERA Training and Testing Center Alemgena

Project site and Target group: ERA Training and Testing Center Alemgena, Ethiopia

Duration: 3 to 5 years

Date: March 18, 2000

Narrative Summary	Objectively Verifiable Indicators	Means of Verification	Important Assumptions
<p>Overall Goal Road Sector Development Program (RSDP) is facilitated in aspect of road maintenance and rehabilitation.</p>	<p>Quality of national road network is about 68 percent in good condition by June 2007.</p>	<p>• Progress reports of RSDP</p>	<p>1. Ethiopian Road Authority (ERA) does not change its policy on RSDP. 2. Graduates are assigned to adequate posts for the road maintenance or rehabilitation.</p>
<p>Project Purpose ERA Training and Testing Center Alemgena is enabled to provide sufficient training in quality and quantity</p>	<p>1. Knowledge and skill level of trainees is improved. 2. Performance of graduates is improved. 3. Appropriate number of personnel are trained.</p>	<p>1. Test of the Center 2. Evaluation at practical sites by instructors, ERA site supervisors and Japanese experts 3. Training record of the Center</p>	<p>• The Center facilities have sufficient capacity.</p>
<p>Outputs 1. Training management is improved. 2. Training curricula are improved. 3. Instructors improve their technical and teaching skill. 4. Equipment are properly prepared. 5. Trainees' performance is improved.</p>	<p>1-1. Necessary teaching materials are prepared. 1-2. Improved curricula are designed. 2. The instructors have necessary technical and teaching level. 3-1. Procured equipment are sufficient for the improved training. 3-2. Availability of equipment is sufficient. 4. Trainees attain the sufficient level and demonstrate appropriate performance.</p>	<p>1-1. Evaluation by trainees 1-2. Evaluation by trainees and ERA site supervisors 2. Evaluation by trainees, ERA site managers and JICA experts 3-1. Evaluation by trainees, instructors and ERA site supervisors 3-2. Operation record of equipment 4. Test of the center / Evaluation at practical sites by instructors, ERA site supervisors and Japanese experts</p>	
<p>Activities 1. Transfer management know-how 2-1. Prepare teaching materials 2-2. Organize a system to formulate curriculum 3. Implement training to instructors 4-1. Update equipment 4-2. Maintain equipment appropriately 5. Conduct developed training courses</p>	<p style="text-align: center;">Inputs</p> <p>Japanese side 1. Experts Long-term experts: Chief advisor Project coordinator Expert (Construction Equipment operation) Expert (Construction Equipment maintenance) Expert (Road maintenance) Short-term experts: (as necessity arises) 2. Equipment Construction equipment and others 3. Counterpart training in Japan (as necessity arises)</p> <p>Ethiopian side 1. Counterpart personnel Project manager (Head of Training Center) Counterpart personnel (Instructors) Administrative and supporting staff 2. Facilities All the facilities of the Center necessary for the project implementation including offices and facilities for Japanese experts. 3. Running expenses All the project expenses except those mentioned in the "Japanese side" 4. Tax for the input from the Japanese side</p>		<p>Pre-condition ERA keeps its own work force for road maintenance and rehabilitation.</p>

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List of machinery and equipment recommended by the Japanese side

No.	TYPE	SPECIFICATION	QUANTITY
1	Bulldozer	18tons, 180ps	2
2	Motor Grader	3.1m	1
3	Motor Grader	3.7m	1
4	Wheel Loader	1.3m ³	1
5	Wheel Loader	1.9m ³	1
6	Excavator (wheel type)	0.3m ³	1
7	Excavator (crawler type)	0.7m ³	1
8	Vibration Roller	3.6tons	1
9	Tire Roller	8~10tons	1
10	Dump Truck	7tons	2
11	Flat Bed Truck	7tons	1
12	Water Tanker	6,000lit.	1
13	Asphalt Distributor	6,000lit.	1
14	Tip Spreader		1
15	Crane Truck	10tons	1
16	Inspection Car	4x4	2
17	Equipment for Maintenance	Unfixed	Unfixed
18	Equipment for Laboratory	Unfixed	Unfixed
19	Training Material	Unfixed	Unfixed

Procurement is subject to change in some degree due to budget allocation of Japanese side and priority.

