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1. 調査団員氏名・所属

(1) 概略設計現地調査 (2009年10月26日~2009年11月19日)

氏 名	担当	所 属
星野 明彦	総括	JICA マラウイ事務所
山宿 壮 業務主任/道路交通計画		株式会社片平エンジニアリングインターナショナル
青木 康司	道路設計/付帯構造物設計	株式会社片平エンジニアリングインターナショナル
平岡 一幸 調達計画/積算		株式会社片平エンジニアリングインターナショナル
山口 晋二	自然条件調査/業務調整	株式会社片平エンシ゛ニアリンク゛インターナショナル (自社補強)

(2) 概略設計概要説明 (2010年2月15日~2010年2月26日)

氏 名	担当	所 属
星野 明彦	総括	JICA マラウイ事務所
山宿 壮	業務主任/道路交通計画	株式会社片平エンジニアリングインターナショナル
青木 康司	道路設計/付帯構造物設計	株式会社片平エンジニアリングインターナショナル

2. 調査工程

(1) 概略設計現地調査(2009年10月26日~2009年11月19日)

Schedule of the Preparatory Survey for the Project for Improvement of Blantyre City Roads

1	_							
Part		Name		Mr.Akihiko HOSHINO	Mr.Tsuyoshi YAMAJUKU	Mr.Yasushi AOKI	Mr.Kazuyuki HIRAOKA	Mr.Shinji YAMAGUCHI
1	Position C		Chief Representative	Planning Engr. (Katahira & Engineers Cost Estimate Engr. (Katahira & Engineers International)		Engr.		
2	No.	Date	Day					
28 - Oct - Op Wed AdMinistr to EOJ Administration	1	26-Oct-09	Mon					
3 28-Oct-09 Wed OMNyisit to EOJ OMNyisit to EOJ OMNyisit to EOJ OMNyisit to MLGRD OMNyisit to M	2	27-Oct-09	Tue		(AM) Johanesburg(10:00,SA			
Section State Survery St	3	28-Oct-09	Wed		·,	Local Cunsultant	v,	Local Consultant (PM) Meeting with Local
Section Sec	4	29-Oct-09	Thu		(AM) Lilongwe → Blantyre ,	(PM)visit to BCA		
7	5	30-Oct-09	Fri		*			Site Survery
8 02-Nov-09 Mon (AMConference to (AM) Conference to MLCRD/BCA, Signing of MD (PM) Site Survey 9 03-Nov-09 Tue Blantyre — Lilongwe (AM) Technical Discussion with BCA (PM) Site Survey 10 04-Nov-09 Wed Site Survey (PM) Study of Basic Segning of MD (PM) Site Survey 11 05-Nov-09 Thu Study of Local Contractor (PM) Site Survey (PM) Study of Basic Design (AM) Site Survey (PM) Study of Basic Design (PM) Study of Construction Supervising sub-contractor Design (AM) Site Survey (PM) Study of Sasic Design (PM) Study of Construction Supervising sub-contractor Design (AM) Site Survey (PM) Study of Construction Supervising Sub-contractor Design (AM) Site Survey (PM) Study of Construction Supervising Sub-contractor Design (AM) Site Survey (PM) Study of Construction Supervising Sub-contractor Design (AM) Site Survey (PM) Study of Sasic Design (PM) Study of Construction Supervising Sub-contractor Design (AM) Site Survey (PM) Study of Sasic Design Sub-contractor Supervising Sub-contractor Supervising Sub-contractor Supervising Sub-contractor (PM) Study of Sasic Design (PM) Study of Sasic Design (PM) Study of Sasic Design Sub-contractor Supervising Sub-contractor Supervising Sub-contractor Supervising Sub-contractor (PM) Study of Sasic Design (PM) Study of Sasic Design (PM) Study of Sasic Design (PM) Study of Sasic Education Supervising Sub-contractor Supervising Sub-contractor Supervising Sub-contractor Supervising Sub-contractor Supervising Sub-contractor Supervising Sub-contractor Sub-contractor Supervising Sub-contractor Superv	6	31-Oct-09	Sat		Site Survery			
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9 03-Nov-09 Tue Blantyre — Lilongwe (PM) Site inspection with BCA (PM) Site Survey (PM) Study of Basic Design (AM) Site Survey (PM) Study of Construction (AM) Site Survey (PM) Study of Basic Design (AM) Procurement Survey (PM) Study of Basic Design (AM) Site Survey (PM) Study of Survey (PM	8	02-Nov-09		(AM)Conference to		/BCA, Signing of MD		
Site Survery CPM) Study of Basic Design Site Survery Supervising sub-contractor	9	03-Nov-09	Tue	Blantyre →Lilongwe			with BCA	
Study of Loacal Contractor CPM Study of Basic Design Site Survey Supervising sub-contractor	10	04-Nov-09	Wed		Site Survery	(PM) Study of Basic	Site Survery	
Reports Preparation Panning Sub-contractor Panning Panning Sub-contractor Supervising Sub-contractor Panning Panning Panning Panning Sub-contractor Supervising Sub-contractor Sub-contr	11	05-Nov-09	Thu		Study of Loacal Contractor	(PM) Study of Basic	Site Survery	
Reports Preparation (PM) Study of Basic Design Procurement Survey Supervising sub-contractor (AM) Conference BCA (PM) Study of Basic Design (PM) Supervising sub-contractor (AM) Conference BCA (PM) Stigning of Basic (PM) Study of Basic Design (PM) Supervising Sub-contractor (AM) Site Survey (PM) Conference BCA (PM) Site Survey (PM) Conference BCA (PM) Signing of Technical Note (PM) Signing	12	06-Nov-09	Fri		Reports Preparation	(PM) Study of Basic	(PM) Study of Construction	
Sub-contractor Sub-	13	07-Nov-09	Sat		eports Preparation (PM) Study of Basic Procurement Survey			
Solution	14	08-Nov-09	Sun		Con	Conference of Invetigation team		
10-Nov-09 Tue About EIA (PM) Study of Basic Design About EIA (PM) Procurement Survey Supervising Sub-con.	15	09-Nov-09	Mon		Conferenc	e to BCA about Technic	al Note, EIA	
18 12-Nov-09 Thu	16	10-Nov-09	Tue		about EIA	(PM) Study of Basic	about EIA	
Technical Note (AM) Reports Preparation (PM) Signing of Technical Note (PM) Signing of Techni	17	11-Nov-09	Wed					Site Survery
20 14-Nov-09 Sat Reports Preparation 21 15-Nov-09 Sun Blantyre → Lilongwe 22 16-Nov-09 Mon (AM) Conference of EU, Report to JICA , (PM) Conference of World Bank, Report to EOJ Follow-up of Drawing 23 17-Nov-09 Tue Lilongwe(13:15,SA171) → Johannesburg (15:45) Follow-up of Drawing 24 18-Nov-09 Wed Johannesburg (12:35,CX748) → Hong Kong(7:05/9:05,CX504) → Tokyo Blantyre → Lilongwe → Nairobi	18	12-Nov-09	Thu		AMN Reports Preparation (PM) Signing of Technical Note Technical Note (PM) Signing of (PM) Signing of Technical Note (AM) Reports Preparation (PM) Signing of (PM) Signing of Technical Note		Study of Survery report	
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22 16-Nov-09 Mon (AM) Conference of EU, Report to JICA , (PM) Conference of World Bank, Report to EOJ Follow-up of Drawing 23 17-Nov-09 Tue Lilongwe(13:15,SA171) → Johannesburg (15:45) Follow-up of Drawing 24 18-Nov-09 Wed Johannesburg (12:35,CX748) → Hong Kong(7:05/9:05,CX504) → Tokyo Nairobi	20	14-Nov-09	Sat					
23 17-Nov-09 Tue Lilongwe(13:15,SA171) → Johannesburg (15:45) Follow-up of Drawing 24 18-Nov-09 Wed Johannesburg (12:35,CX748) → Hong Kong(7:05/9:05,CX504) → Tokyo (14:05) Blantyre → Lilongwe → Nairobi	21	15-Nov-09	Sun					
24 18-Nov-09 Wed Johannesburg (12:35,CX748) → Hong Kong(7:05/9:05,CX504) → Tokyo Nairobi	22		Mon	(AM) Conference of EU,				Follow-up of Drawing
24 16-Nov-09 wed Johannesburg (12:35,CX748) → Hong Kong(7:05/9:05,CX504) → Tokyo (14:05)	23	17-Nov-09	Tue		ilongwe(13:15,\$A171) → Johannesburg (15:45)			Follow-up of Drawing
	24	18-Nov-09	Wed			(8) → Hong Kong(7:05/9	9:05,CX504) → Tokyo	
	25	19-Nov-09	Thu					

EOJ:Embassy of Japan

MLGRD:Ministry of Local Governent and Rural Development

BCA:Blantyre City Assemby

(2) 概略設計概要説明(2010年2月15日~2010年2月26日)

DBD Schedule of Outline Design Survey Team for Blantyre Project (15,Feb,2010–26,Feb,2010)

	Name		Mr.Akihiko HOSHINO	Mr.Tsuyoshi YAMAJUKU	Mr.Yasushi AOKI	
Position			Team Leader, Deputy Chief Representative (JICA Malawi office)	Chief Consultant / Traffic Planning Engr. (Katahira & Engineers International)	Road Design Engr. (Katahira & Engineers International)	
No.	Date	Day				
1	15-Feb-10	Mon		Tokyo(16:20,CX521) → Hong Kong(20:35/23:45,CX749) → Johannesburg (6:35)		
2	16-Feb-10	Tue		(AM) Johanesburg(10:00,SA170) → (PM) visit to JICA	Lilongwe(12:25)	
3	17-Feb-10	Wed		(AM)visit to EOJ , (PM)visit to MLGRI	D	
4	18-Feb-10	Thu		(AM) Lilongwe → Blantyre , (PM)vis	it to BCA	
5	19-Feb-10	Fri		Conference to MLGRD/BCA		
6	20-Feb-10	Sat		Site Survery		
7	21-Feb-10	Sun	Lilongwe→Blantyre , Conference of Investigation team	ence of Conference of Invetigation team		
8	22-Feb-10	Mon	(AM) Signing of MD , (PM) Blantyre— Lilongwe			
9	23-Feb-10	Tue	(AM) Report to MLGRD , (PM) Report to JICA, EOJ			
10	24-Feb-10	Wed		Lilongwe(10:35,KQ722) →Lusaka(11:45/13:20,SA63)→ Johannesb (15:25)		
11	25-Feb-10	Thu		Johannesburg (12:35,CX748) → Hong Kong(7:05/9:05,CX504) →		
12	26-Feb-10	Fri		Tokyo (14:05)		

EOJ:Embassy of Japan MLGRD:Ministry of Local Governent and Rural Development BCA:Blantyre City Assemby

3. 関係者(面会者)リスト

地方自治・開発省(Ministry of Local Governm	nent and Rural Development: MLGRD)
Mr. Patrick H. Kabambe	Principal Secretary for Local Government
ブランタイヤ市役所(Blantyre City Assembly:	BCA)
Dr. Lester Bandawe	Chief Executive
Eng Kenneth L. A. Kantwela	Director of Engineering Services Department
Mr. Robert I. Kawiya	Director of Parks, Recreation & Environment Affairs
Mr. A. W. D. Chanza	Director of Administration Department
Mr. P. T. Chisoni	Acting Director of Health Department
Mr. S. M. Kuyeli	Assistant Director of Engineering Department
Mr. S. P. Mitini-Nkhoma	Assistant Director of Parks & Recreation Department
Mr. N. Nanguwo	Town Planning Department
Mr. B. E. F. Nsitu	Town Planning Department
Mrs. N. Mkandawire	Engineering Service Department
Mr. S. Yiwombe	Engineering Service Department
Mr. C. Kachiswe	Engineering Service Department
欧州連合 (European Union: EU)	
Mr. Jocelin Cornet	Head of the Infrastructure Section
世界銀行 (World Bank: WB)	
Ms. Chrissie Kamwendo	Operations Officer
Mr. Samson Kwalingana	Research Analyst
在マラウイ国日本大使館(Embassy of Japan in	Malawi)
野呂 元良 特命全権大使	
松本 洋 参事官	
小川 伸一 一等書記官	
JICA マラウイ事務所(JICA Malawi Office)	
小渕 伸司 所長	
星野 明彦 次長	
佐野 明平 職員	
Mr. Kapalamula Godfrey 職員	

4. 討議議事録 (M/D) (1) 概略設計現地調査

MINUTES OF DISCUSSIONS ON THE PREPARATORY SURVEY ON THE PROJECT FOR IMPROVEMENT OF BLANTYRE CITY ROADS IN THE REPUBLIC OF MALAWI

Referring to the results of the Basic Design Study conducted from November, 2006 to May, 2007, the Government of Japan decided to conduct a Preparatory Survey (hereinafter referred to as "the Survey") on the project for the Improvement of Blantyre City Roads in the Republic of Malawi (hereinafter referred to as "the Project") and entrusted the survey to the Japan International Cooperation Agency (hereinafter referred to as "JICA").

JICA sent to the Republic of Malawi (hereinafter referred to as "Malawi") the Preparatory Survey Team (hereinafter referred to as "the Team", which is headed by Mr. Akihiko HOSHINO, Deputy Chief Representative of JICA Malawi Office, and is scheduled to stay in the country from October 27 to November 17, 2009.

The Team held discussions with the officials concerned of the Government of Malawi and conducted a field survey at the Project sites.

In the course of discussions and field survey, both parties confirmed the main items described on the attached sheets. The Team will proceed with further works and prepare the Preparatory Survey Report.

Lilongwe, November 2, 2009

... ...

Akihiko Hoshino

Leader

Preparatory Survey Team

Japan International Cooperation Agency

Japan

Dr.Lycester Bandawe

Chief Executive

Blantyre City Assembly

The Republic of Malawi

Dr.Naomi Ngwira

Secretary to the Treasury

Ministry of Finance

The Republic of Malawi

Patrick Kabambe

Principal Secretary

Ministry of Local Government and

Rural Development

The Republic of Malawi

ATTACHMENT

1. Objective of the Preparatory Survey

The objective of the Project is to confirm the road section of the phase 2 and to conduct the site survey and collect necessary data to examine outline design, construction schedule and cost estimation on this Project.

2. Site of the road

Both sides confirmed that the site of the road for the Project shall be 4.36km for both the Chipembere Highway from Chichiri Roundabout (RA) to Stanbie IC and the Livingstone Avenue from Stanbic IC to Illovo RA in the Blantyre City in Malawi. The section shall be divided as Section-3 (2.75km) from Chichiri RA to Yianikis RA, Section-4 (0.72km) from Yianikis RA to Standard Bank IC, and Section-5 (0.89km) from Standard Bank IC to Illovo RA.

Project Site

The site of the Project is shown in Annex-1.

- 4. Responsible and Implementing Agency
- 4-1. The Responsible Ministry is Ministry of Local Government and Rural Development. Its organization chart is shown in Annex-2.
- 4-2. The Implementing Agency is Blantyre City Assembly (BCA). Its organization chart is shown in Annex-3.
- 5. Items requested by the Government of Malawi
 - Widening of the existing roads from 2-lane to 3-lane for the section-4,
 - Rehabilitation of existing roads and service roads,
 - Improvement of 3 roundabout intersections (Maselema, Yianikis, Illovo intersections)
 - Improvement of the drainage system along the roads,
 - Installation of bus lay bye (5 points).
 - Installation of pedestrian walkway,
 - Installation of kerb stones,
 - Installation of traffic signs and road markings,
 - Installation of street lights,
 - Installation of pedestrian crossings (at school, college, hospital and shopping centers), and
 - Training of staff in the management and maintenance of the infrastructure.

JICA will assess the appropriateness of the request and will report its findings to the Government of Japan.

6. Japan's Grant Aid Scheme

MIN

- 6-1. The Malawian side understands the Japan's Grant Aid scheme (for General Project) explained by the Team, as described in Annex-4 and Annex-5.
- 6-2. The Malawian side will take the necessary measures, as described in Annex-6, for smooth implementation of the Project, as a condition for the Japanese Grant Aid to be implemented.
- 7. JICA Guidelines for Environmental and Social Considerations
- 7-1. The Malawian side recognized that the current JICA Guidelines for Environmental and Social Considerations (2004) would be applied in order to confirm whether the Project would be conducted with the adequate environmental and social considerations even though the New Guidelines will be issued.
- 7-2. The EIA report for Phase 1 and Phase 2 was certified on May, 2007. Both sides confirmed that the certification is still effective on this Project.
- 8. Schedule of the Study
- 8-1.JICA will prepare the draft report in English and dispatch a mission in order to explain its contents around February, 2010.
- 8-2.In case that the contents of the report are accepted in principle by the Government of Malawi, JICA will complete the final report and send it to the Government of Malawi by May, 2010.

9. Other Relevant Issues

- 9-1. Both sides agreed that the following undertakings would not have been changed by the Minutes of Discussions on "the Basic Design Study on the Project for the Improvement of Blantyre City Roads in the Republic of Malawi" which are signed on November 24, 2006 and on April 18, 2007.
 - Improvement and/or repair of existing utilities (power lines, telecommunication lines, water lines, etc.), if necessary.
 - Necessary arrangement for vehicles to make detour or set up a diversion at necessary sections in consultation with contractor.
 - Necessary arrangement for the tax exemption of import materials and equipment and timely refunding for the exemption of VAT for purchase of local products and services.
 - Clearance of the site.
 - Securing of site for disposal of waste.
 - Maintaining the security at the sites for the Project.
 - Public relations and dealing with any complaints raised by affected persons.
 - Identification of underground utilities located within the site and exemption of contractor's responsibility in case of occurrence of any damage against unidentified utilities.
 - Coordination to relevant agencies regarding traffic control during construction.
 - Necessary arrangement and assistance for issuing of VISA for concerned persons.

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Annex-1 Project Site

Annex-2 Organization chart (Ministry of Local Government and Rural Development)

Annex-3 Organization chart (BCA)

Annex-4 Japan's Grant Aid

Annex-5 Flow Chart of Japan's Grant Aid Procedures

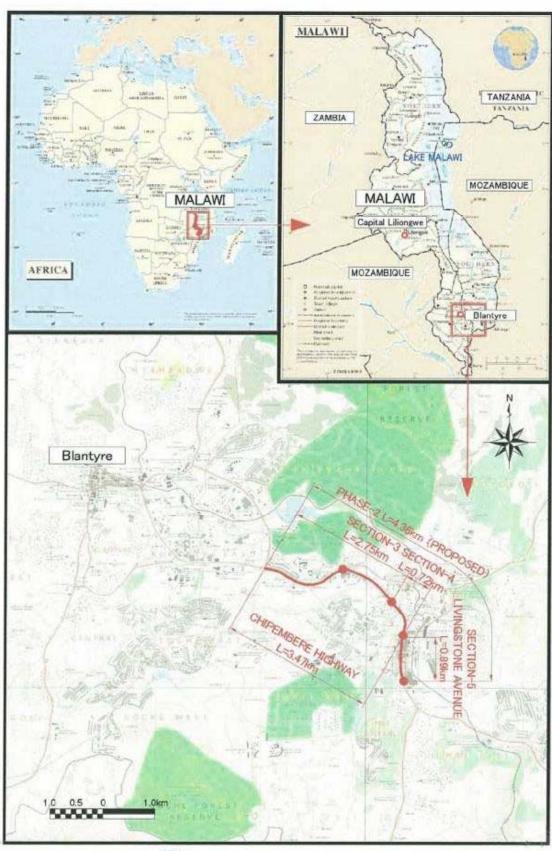
Annex-6 Major Undertakings to be taken by Each Government

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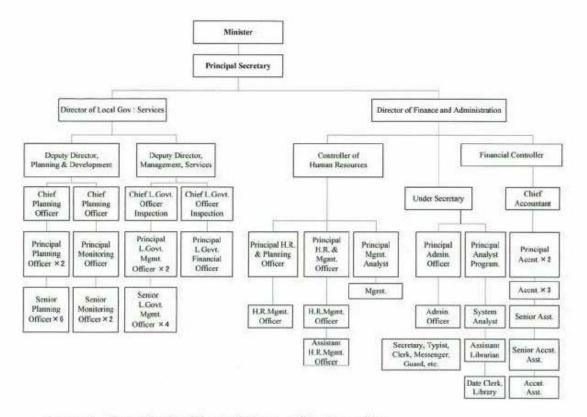


Project Site

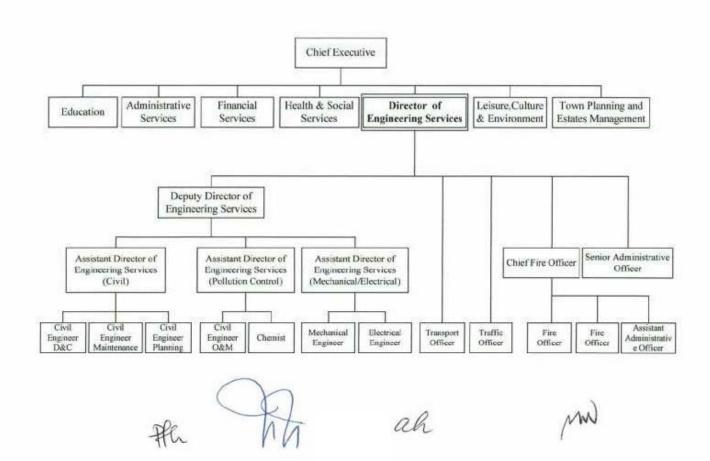
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Annex-2 Organization Chart of Ministry of Local Government and Rural Development



Annex-3 Organization Chart of Blantyre City Assembly



JAPAN'S GRANT AID

The Government of Japan (hereinafter referred to as "the GOJ") is implementing the organizational reforms to improve the quality of ODA operations, and as a part of this realignment, a new JICA law was entered into effect on October 1, 2008. Based on this law and the decision of the GOJ, JICA has become the executing agency of the Grant Aid for General Projects, for Fisheries and for Cultural Cooperation, etc.

The Grant Aid is non-reimbursable fund provided to a recipient country to procure the facilities, equipment and services (engineering services and transportation of the products, etc.) for its economic and social development in accordance with the relevant laws and regulations of Japan. The Grant Aid is not supplied through the donation of materials as such.

1. Grant Aid Procedures

The Japanese Grant Aid is supplied through following procedures:

- · Preparatory Survey
 - The Survey conducted by JICA
- · Appraisal & Approval
 - -Appraisal by the GOJ and JICA, and Approval by the Japanese Cabinet
- · Authority for Determining Implementation
 - -The Notes exchanged between the GOJ and a recipient country
- ·Grant Agreement (hereinafter referred to as "the G/A")
 - -Agreement concluded between JICA and a recipient country
- · Implementation
 - -Implementation of the Project on the basis of the G/A

2. Preparatory Survey

(1) Contents of the Survey

The aim of the preparatory Survey is to provide a basic document necessary for the appraisal of the Project made by the GOJ and JICA. The contents of the Survey are as follows:

- Confirmation of the background, objectives, and benefits of the Project and also institutional capacity of relevant agencies of the recipient country necessary for the implementation of the Project.
- Evaluation of the appropriateness of the Project to be implemented under the Grant Aid Scheme from a technical, financial, social and economic point of view.

- Confirmation of items agreed between both parties concerning the basic concept of the Project.

- Preparation of a outline design of the Project.

- Estimation of costs of the Project.

The contents of the original request by the recipient country are not necessarily approved in their initial form as the contents of the Grant Aid project. The Outline Design of the Project is confirmed based on the guidelines of the Japan's Grant Aid scheme.

JICA requests the Government of the recipient country to take whatever measures necessary to achieve its self-reliance in the implementation of the Project. Such measures must be guaranteed even though they may fall outside of the jurisdiction of the organization of the recipient country which actually implements the Project. Therefore, the implementation of the Project is confirmed by all relevant organizations of the recipient country based on the Minutes of Discussions.

(2) Selection of Consultants

For smooth implementation of the Survey, JICA employs (a) registered consulting firm(s). JICA selects (a) firm(s) based on proposals submitted by interested firms.

(3) Result of the Survey

JICA reviews the Report on the results of the Survey and recommends the GOJ to appraise the implementation of the Project after confirming the appropriateness of the Project.

3. Japan's Grant Aid Scheme

(1) The E/N and the G/A

After the Project is approved by the Cabinet of Japan, the Exchange of Notes(hereinafter referred to as "the E/N") will be singed between the GOJ and the Government of the recipient country to make a pledge for assistance, which is followed by the conclusion of the G/A between JICA and the Government of the recipient country to define the necessary articles to implement the Project, such as payment conditions, responsibilities of the Government of the recipient country, and procurement conditions.

(2) Selection of Consultants

In order to maintain technical consistency, the consulting firm(s) which conducted the Survey will be recommended by JICA to the recipient country to continue to work on the Project's implementation after the E/N and G/A.

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(3) Eligible source country

Under the Japanese Grant Aid, in principle, Japanese products and services including transport or those of the recipient country are to be purchased. When JICA and the Government of the recipient country or its designated authority deem it necessary, the Grant Aid may be used for the purchase of the products or services of a third country. However, the prime contractors, namely, constructing and procurement firms, and the prime consulting firm are limited to "Japanese nationals".

(4) Necessity of "Verification"

The Government of the recipient country or its designated authority will conclude contracts denominated in Japanese yen with Japanese nationals. Those contracts shall be verified by JICA. This "Verification" is deemed necessary to fulfill accountability to Japanese taxpayers.

(5) Major undertakings to be taken by the Government of the Recipient Country

In the implementation of the Grant Aid Project, the recipient country is required to undertake such necessary measures as Annex.

(6) "Proper Use"

The Government of the recipient country is required to maintain and use properly and effectively the facilities constructed and the equipment purchased under the Grant Aid, to assign staff necessary for this operation and maintenance and to bear all the expenses other than those covered by the Grant Aid.

(7) "Export and Re-export"

The products purchased under the Grant Aid should not be exported or re-exported from the recipient country.

(8) Banking Arrangements (B/A)

- a) The Government of the recipient country or its designated authority should open an account under the name of the Government of the recipient country in a bank in Japan (hereinafter referred to as "the Bank"). JICA will execute the Grant Aid by making payments in Japanese yen to cover the obligations incurred by the Government of the recipient country or its designated authority under the Verified Contracts.
- b) The payments will be made when payment requests are presented by the Bank to JICA under an Authorization to Pay (A/P) issued by the Government of the recipient country or its designated authority.

(9) Authorization to Pay (A/P)

The Government of the recipient country should bear an advising commission of an Authorization to Pay and payment





commissions paid to the Bank.

(10) Social and Environmental Considerations

A recipient country must carefully consider social and environmental impacts by the Project and must comply with the environmental regulations of the recipient country and JICA socio-environmental guidelines.

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Annex-5

FLOW CHART OF JAPAN'S GRANT AID PROCEDURES Recipient Government Japanese Government Consultant Contract Others Flow & Works Stage (T/R: Terms of Reference) Request Application Project Identification Survey* Screening of Evaluation of T/R Project Field Survey Home Office Work Preliminary *if necessary Project Formulation & Survey* Reporting Preparation Preparatory Survey Selection & Contracting of Field Survey Home Office Work Outline Design Consultant by Proposal Reporting Explanation of Dre Final Report Appraisal of Project Appraisal & Approval Inter Ministerial Consultation Presentation of Draft Notes Approval by the Cabinet (E/N: Exchange of Notes) E/N and G/A (G/A: Grant Agreement) (A/P: Authorization to Pay) Banking Arrangemen Issuance of Verification Consultant AP Contract Implementation Detailed Design & Approval by Preparation for Tendering Tender Docus Recipient Government Tendering & Evaluation Verification A/P /Construction Contract Completion Construction A/P Certificate Operation Post Evaluation Study Evaluation& Ex-post Follow up Evaluation Follow up ah

Annex-6

Major Undertakings to be taken by Each Government

No.	Rems	To be covered by Grant Aid	To be covered by Recipient Side
1	to secure lots of land necessary for the implementation of the Project and to clear the sites;		•
2	To ensure prompt customs clearance of the products and to assist internal transportation of the products in the recipient country		
	Marine (Air) transportation of the Products from Japan to the recipient country	•	
	Tax exemption and custom clearance of the Products at the port of disembarkation		
	 Internal transportation from the port of disembarkation to the project site 	(0)	(1)
3	To ensure that customs duties, internal taxes and other fiscal levies which may be imposed in the recipient country with respect to the purchase of the products and the services be borne by the Authority without using the Grant		•
4	To accord Japanese nationals whose services may be required in connection with the supply of the products and the services such facilities as may be necessary for their entry into the recipient country and stay therein for the performance of their work		•
5	To ensure that the Facilities be maintained and used properly and effectively for the implementation of the Project		•
6	To bear all the expenses, other than those covered by the Grant, necessary for the implementation of the Project		•
7	To bear the following commissions paid to the Japanese bank for banking services based upon the B/A		
	Advising commission of A/P		
	2) Payment commission	<u> </u>	0
8	To give due environmental and social consideration in the implementation of the Project.		

(B/A: Banking Arrangement, A/P: Authorization to pay)

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(2) 概略設計概要説明

MINUTES OF DISCUSSIONS ON THE PREPARATORY SURVEY ON THE PROJECT FOR IMPROVEMENT OF BLANTYRE CITY ROADS IN THE REPUBLIC OF MALAWI

(Explanation on Draft Final Report)

From October to November 2009, the Japan International Cooperation Agency (hereinafter referred to as "JICA") dispatched the Preparatory Survey Team on the "Project for Improvement of Blantyre City Roads" (hereinafter referred to as "the Project") to the Republic of Malawi (hereinafter referred to as "Malawi"), and through discussions with Malawian side, field survey, and technical examination of the results in Japan, JICA prepared the draft outline design report of the survey.

In order to explain and to consult with the officials concerned of the Government of Malawi on the components of the draft report, JICA sent to Malawi the Outline Design Explanation Team (hereinafter referred to as "the Team"), headed by Mr. Akihiko Hoshino, Deputy Chief Representative, JICA Malawi Office, from February 16 to 24, 2010.

As a result of discussions, both sides confirmed the main items described in the attached sheets.

Lilongwe, February 22, 2010

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Akihiko Hoshino

Leader

Preparatory Survey Team

Japan International Cooperation Agency

Japan

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Peter Simbani

Director for Debt and Aid

Ministry of Finance

The Republic of Malawi

Dr. Lycester Bandawe

Chief Executive

Blantyre City Assembly

The Republic of Malawi

Patrick Kabambe

Principal Secretary

Ministry of Local Government and

Rural Development

The Republic of Malawi

ATTACHMENT

- 1. Components of the Draft Report
- 1-1. The Malawian side agreed and accepted in principle the components of the draft report of the Outline Design Study explained by the Team.
- 1-2. With regard to the widening of the existing road for the section 4, it was envisaged that the previous plan was to widen it from 2 lanes to 3 lanes. However, Malawian side requested that the section 4 should be widened to 4 lanes from the point of the traffic volume after the previous field survey. The Japanese side analyzed the necessity and relevance of widening to 4 lanes and found out that it was essential to widen it due to the large scale of the traffic volume, traffic safety, the variation of the congestion factors from the past basic design and the avoidance of the resettlement by narrowing the width of the walkway.

2. Japan's Grant Aid scheme

Malawian side understood the Japan's Grant Aid scheme and the necessary measures to be taken by the Government of Malawi as described in Minutes of Discussions signed on November 2, 2009.

3. Schedule of the Study

JICA will complete the final report in accordance with the confirmed items and send it to the Government of Malawi by the end of May, 2010.

4. Cost Estimation

Both sides agreed that the Project Cost Estimation as attached in Annex-1 which is confidential should never be duplicated or released to any third parties before the signing of all the Contract(s) for the Project.

- 5. Other Relevant Issues
- 5-1. Both sides agreed that the Malawian side will arrange the budget allocation for land

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acquisition, clearance of related housing and facilities, compensation for the Project Affected Persons (PAPs) and relocation of existing utilities before the Invitation To Bid for the Project.

5-2. Malawian side confirmed to implement the necessary works taken by the Malawian side at their own expenses based on the Minutes of Discussions signed on November 2, 2009.

Annex-1 Project Cost Estimation

Annex-2 Environmental Checklist

Annex-3 Environmental Monitoring Form

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Cost Estimation of the Project

This page is closed due to the confidentiality.

Environmental Checklist: 15. Roads and Railways (1)

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ĺ	Category	Environmental Item		Confirmation of Environmental Considerations
— <u>— </u>	1 Permits and	(1) EIA and Environmental Permits	① Have EIA reports been officially completed? ② Have EIA reports been approved by authorities of the host country's government? ③ Have EIA reports been unconditionally approved? If conditions are imposed on the approval 9th May, 2007. ③ Have EIA reports, are the conditions satisfied? ④ In addition to the above approvals, have other required environmental permits been obtained ⊕ The permission from the appropriate regulatory authorities of the host country's government? The permissions	 ① The EIA reports have been completed. ② The EIA reports were approved to Environmental Affairs Department on 9th May, 2007. ③ The conditions are imposed to plant new roadside tree if it is necessary to cut existing roadside tree. ④ The permissions of borrow pits from local governments are required. The permissions have not been obtained yet.
·		(2) Explanation to the Public	 Are contents of the project and the potential impacts adequately explained to the public based The public consultation was conducted at the preliminary study stage in appropriate procedures, including information disclosure? Is understanding obtained from the public and regulatory authorities? Are proper responses made to comments from the public and regulatory authorities? 	① The public consultation was conducted at the preliminary study stage in January 2007. The general agreement of the local people have been obtained. ② The interview survey to the local people was conducted at the preparatory study stage in January 2007. The results were reflected in the mitigation.
		(1) Air Quality	① Is there a possibility that air pollutants emitted from various sources, such as vehicle traffic will affect ambient air quality? Does ambient air quality comply with the country's ambient air quality standards? ② Where industrial areas already exist near the route, is there a possibility that the project will make air pollution worse?	①② There are nothing of the observation data for air quality. The level of air pollution was not so high on site survey.
(N	2 Mitigation Measures	(2) Water Quality	① Is there a possibility that soil runoff from the bare lands resulting from earthmoving activities, such as cutting and filling will cause water quality degradation in downstream water areas? ② Is there a possibility that surface runoff from roads will contaminate water sources, such as groundwater? ③ Do effluents from various facilities, such as stations and parking areas/service areas comply with the country's effluent standards and ambient water quality standards? Is there a possibility that the effluents will cause areas that do not comply with the country's ambient water quality standards?	① Turbid water will generate in the construction works. There are no intake facilities in and down the site. ② Impact on water resources of runoff from road surface will not occur. ③ Effluent areas will comply with the effluent standards.
		(3) Noise and Vibration	① Do noise and vibrations from vehicle and train traffic comply with the country's standards?	① Serious noise and vibration will not occur because of the limited traffic volume.

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Confirmation of Environmental Considerations	① There are no protected areas in and around the site.	① There are no ecological valuable habitats in and around the site. ② The habitats of endangered species have not been identified in and around the site. ③ Significant ecological impact will not occur. ④ Migration animals crossing the site have not been identified. ⑤⑤ The new road will not cause destruction of forest because of reconstruction of existing road.	① Impact on surface and ground water will not occur.	①② There are no slope failures or landslides in and around the site. ③ Serious soil runoff will not occur.
Main Check Items	① Is the project site located in protected areas designated by the country's laws or international ① There are no protected areas in and around the site. (1) Protected Areas treaties and conventions? Is there a possibility that the project will affect the protected areas?	① Does the project site encompass primeval forests, tropical rain forests, ecologically valuable habitats (e.g., coral reefs, mangroves, or tidal flats)? ② Does the project site encompass the protected habitats of endangered species designated by the country's laws or international treaties and conventions? ③ If significant ecological impacts are anticipated, are adequate protection measures taken to reduce the impacts on the ecosystem? ④ Are adequate protection measures taken to prevent impacts, such as disruption of migration routes, habitat fragmentation, and traffic accident of wildlife and livestock? ⑤ Is there a possibility that installation of roads will cause impacts, such as destruction of forest, poaching, desertification, reduction in wetland areas, and disturbance of ecosystems due to introduction of exotic (non-native invasive) species and pests? Are adequate measures for preventing such impacts considered? ⑥ In cases where the project site is located at undeveloped areas, is there a possibility that the new development will result in extensive loss of natural environments?	① Is there a possibility that alteration of topographic features and installation of structures, such ① Impact on surface and ground water will not occur. as tunnels will adversely affect surface water and groundwater flows?	① Is there a soft ground on the route that may cause slope failures or landslides? Are adequate measures considered to prevent slope failures or landslides, where needed? ② Is there a possibility that civil works, such as cutting and filling will cause slope failures or landslides? Are adequate measures considered to prevent slope failures or landslides? ③ Is there a possibility that soil runoff will result from cut and fill areas, waste soil disposal sites, and borrow sites? Are adequate measures taken to prevent soil runoff?
Environmental Item	(I) Protected Areas	(2) Ecosystem	(3) Hydrology	(4) Topography and Geology
Category		3 Natural Environment		

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Checklist: 1
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Confirmation of Environmental Considerations	① Removal of total six fences and gates will be required. ② The local government have conducted the explanation to the local people and paid the compensation in August 2008. ③ It was confirmed the compensation exceed the market price of land. Stops and vendors around existing road will be able to continue their business after the improvement of the road. ④⑤⑥⑦ No resettlement will be required. The local government will nægotiate with the owners of fences and gates that are subject to monetary compensation.	(上) (金) (金) (金) (金) (金) (金) (金) (金) (金) (金	C There are no heritage in and around the site.	There are no special landscape areas in and around the site.
Main Check Items	(a) Is involuntary resettlement caused by project implementation? If involuntary resettlement is caused, are efforts made to minimize the impacts caused by the resettlement? (a) Is adequate explanation on relocation and compensation given to affected persons prior to resettlement? (b) Is adequate explanation on relocation and compensation given to affected persons prior to resettlement? (c) The local government have conducted the explanation to the local government of paid the compensation in August 2008. (c) It has confirmed the compensation in August 2008. (c) It was confirmed the compensation in August 2008. (d) It was confirmed the compensation exceed the market price of land. (d) It was confirmed the road will be able to continue their branched based on socioeconomic studies on resettlement? (d) Does the resettlement plan pay particular attention to vulnerable groups or persons, including named to including proper compensation to vulnerable groups or persons, including namework established to properly implement resettlement? (d) Are agreements with the affected persons obtained prior to resettlement? (d) Is a plan developed to monitor the impacts of resettlement? (d) Is a plan developed to monitor the impacts of resettlement?	① Where roads or railways are newly installed, is there a possibility that the project will affect the existing means of transportation and the associated workers? Is there a possibility that the project will cause significant impacts, such as extensive alteration of existing land uses, changes in sources of livelihood, or unemployment? Are adequate measures considered for preventing these impacts? ② Is there a possibility that the project will adversely affect the living cenditions of inhabitants other than the affected inhabitants? Are adequate measures considered to reduce the impacts, if necessary? ③ Is there a possibility that diseases, including communicable diseases, such as HIV will be introduced due to immigration of workers associated with the project? Are adequate considerations given to public health, if necessary? ④ Is there a possibility that the project will adversely affect road traffic in the surreunding areas (e.g., by causing increases in traffic congestion and traffic accidents)? ⑤ Is there a possibility that structures associated with roads (such as bridges) will cause a sun shading and radio interference?		U is there a possibility that the project will adversely affect the local landscape? Are necessary measures taken?
Environmental Item	(1) Resettlement	(2) Living and Livelihood	(3) Heritage	(4) Landscape
Category		4 Social Environment		ļ

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Environmental Checklist: 15. Roads and Railways (4)

Confirmation of Environmental Considerations	(D)② The site is not an area where ethnic minorities and indigenous people having unique culture and lifestyle are living.	(D2)34 To mitigate environmental impacts during construction phase, the environmental management plan (EMP) is formulated in the EIA report. The contractor should practice the EMP.	monitoring program for the environmental items ①②③④ To manage environmental impacts during construction phase, the environmental monitoring plan is formulated in the ElA report. The supervision consultant should establish the monitoring plan. onitoring framework (organization, personnel, monitoring framework)? to the monitoring report system identified, such proponent to the regulatory authorities?		·ary
Main Check Items	① Where ethnic minorities and indigenous peoples are living in the rights-of-way, are considerations given to reduce the impacts on culture and lifestyle of ethnic minorities and indigenous people? ② Does the project comply with the country's laws for rights of ethnic minorities and indigenous people?	① Are adequate measures considered to reduce impacts during construction (e.g., noise, vibrations, turbid water, dust, exhaust gases, and wastes)? ② If construction activities adversely affect the natural environment (ecosystem), are adequate measures considered to reduce impacts? ③ If construction activities adversely affect the social environment, are adequate measures considered to reduce impacts? ④ If necessary, is health and safety education (e.g., traffic safety, public health) provided for project personnel, including workers?	① Does the proponent develop and implement monitoring program for the environmental item that are considered to have potential impacts? ② Are the items, methods and frequencies included in the monitoring program judged to be appropriate? ③ Does the proponent establish an adequate monitoring framework (organization, personnel, equipment, and adequate budget to sustain the monitoring framework)? ④ Are any regulatory requirements pertaining to the monitoring report system identified, such as the format and frequency of reports from the proponent to the regulatory authorities?	① Where necessary, pertinent items described in the Forestry Projects checklist should also be checked (e.g., projects including large areas of deforestation). ② Where necessary, pertinent items described in the Power Transmission and Distribution Lines checklist should also be checked (e.g., projects including installation of power transmission lines and/or electric distribution facilities).	① If necessary, the impacts to transboundary or global issues should be confirmed, if necessary (e.g., the project includes factors that may cause problems, such as transboundary waste treatment, acid rain, destruction of the ozone layer, or global warming).
Environmental Item	(5) Ethnic Minorities and Indigenous People	(1) Impacts during Construction	(2) Monitoring	Reference to Checklist of Other Sectors	Note on Using Environmental Checklist
Category	4 Social Environment	5 Others			

1) Regarding the term "Country's Standards" mentioned in the above table, in the event that environmental standards in the country where the project is located diverge significantly from international standards, appropriate environmental considerations are made, if necessary.

In cases where local environmental regulations are yet to be established in some areas, considerations should be made based on comparisons with appropriate standards of other countries (including Japan' experience).

2) Environmental checklist provides general environmental items to be checked. It may be necessary to add or delete an item taking into account the characteristics of the project and the particular circumstances of the

country and locality in which it is located.

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ANNEX-3

Environmental Monitoring Form

Items	Contents of the monitoring		
Involuntary Resettlement	To confirm that the minutes of understanding which is		
	considered the compensation for the reallocation was		
	made on the involuntary resettlement.		
	To confirm that the address of the relocation was		
	secured		
	• To confirm that the involuntary was lived as well as		
	before the resettlement		
Air Pollution	To confirm the measure to the dust that the resident		
	people along the site may claim		
Noise and Vibration	To confirm the measure to the noise that the resident		
	people along the site may claim		
	To confirm the measure to the vibration that the resident		
	people along the site may claim		

Note: The items of the monitoring plan were picked up from the items which will be affected with further impact in the scoping table.

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