

# 添付資料

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## 【添付資料1】 調査団員・氏名

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## 1. 調査団氏名

事業化現地調査

氏名	担当	所属
清水 努	総括	資金協力業務部 実施監理第一課
野田 善久	業務主任（総括／道路計画）	（株）建設技研インターナショナル
高津 光	施工計画／積算	同上



## 【添付資料2】 調査行程

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第一回現地調査

Schedule		JICA	Consultant	
		Leader	Chief Consultant	Cost Estimate
Date	Day	Mr. Shimizu	Mr. Noda	Mr. Takatsu
2021				
16-Jul	Fri			
17-Jul	Sat			
18-Jul	Sun			
19-Jul	Mon			
20-Jul	Tue			
21-Jul	Wed			
22-Jul	Thu		Travel EK 319 & EK 2167	
23-Jul	Fri		NRT 22:30 - JUB 13:15	
24-Jul	Sat		Self-Quarantine	
25-Jul	Sun		Self-Quarantine	Travel ET673 & ET 354
26-Jul	Mon		Self-Quarantine	NRT 21:10 - JUB 15:25
27-Jul	Tue		Meeting JICA Office / Presentation of IC Report to KRB / Employment of Assistants	Self-Quarantine
28-Jul	Wed		Procurement of Traffic Survey Company / Site Inspection / Discussion with KRB on EIA and Land Issue, etc	Self-Quarantine
29-Jul	Thu		Procurement of Traffic Survey Company / Site Inspection / Discussion with KRB on EIA and Land Issue, etc	Self-Quarantine
30-Jul	Fri		Site Inspection / Preparation of Traffic Survey / Discussion with KRB	Site Inspection / Preparation of Traffic Survey / Discussion with KRB
31-Jul	Sat		Site Inspection / Preparation of Traffic Survey / Discussion with KRB	Site Inspection / Preparation of Traffic Survey / Discussion with KRB
1-Aug	Sun		Data Analysis and Documentation	Data Analysis and Documentation
2-Aug	Mon		Traffic Survey	Traffic Survey
3-Aug	Tue		Traffic Survey	Traffic Survey
4-Aug	Wed		Evaluation of Bridge Selection	Evaluation of Bridge Selection
5-Aug	Thu		Evaluation of Bridge Selection	Evaluation of Bridge Selection
6-Aug	Fri		Review of Construction Plan / Procurment Survey	Review of Construction Plan / Procurment Survey
7-Aug	Sat		Review of Construction Plan / Procurment Survey	Review of Construction Plan / Procurment Survey
8-Aug	Sun		Data Analysis and Documentation	Data Analysis and Documentation
9-Aug	Mon		Review of Construction Plan / Procurment Survey	Review of Construction Plan / Procurment Survey
10-Aug	Tue		Review of Construction Plan / Procurment Survey	Review of Construction Plan / Procurment Survey
11-Aug	Wed		Review of Construction Plan / Procurment Survey	Review of Construction Plan / Procurment Survey
12-Aug	Thu	Travel EK 319 & EK 2167	Preparation of Tax Exemption Sheet	Preparation of Tax Exemption Sheet
13-Aug	Fri	NRT 22:30 - JUB 13:15	Preparation of Tax Exemption Sheet	Preparation of Tax Exemption Sheet
14-Aug	Sat	Self-Quarantine	Preparation of Tax Exemption Sheet	Preparation of Tax Exemption Sheet
15-Aug	Sun	Self-Quarantine	Data Analysis and Documentation	Data Analysis and Documentation
16-Aug	Mon	Self-Quarantine	Preparation of Technical Note	Preparation of Technical Note
17-Aug	Tue	Preparation of Technical Note	Preparation of Technical Note	Preparation of Technical Note
18-Aug	Wed	Discussion of Technical Note	Discussion of Technical Note	Discussion of Technical Note
19-Aug	Thu	Discussion of Technical Note	Discussion of Technical Note	Discussion of Technical Note
20-Aug	Fri	Signing of the Technical Note	Signing of the Technical Note	Signing of the Technical Note
21-Aug	Sat	Travel ET 355 & ET 672	Site Inspection	Site Inspection
22-Aug	Sun	JUB 16:20 - NRT 20:15	Data Analysis and Documentation	Data Analysis and Documentation
23-Aug	Mon		Data Analysis and Documentation	Data Analysis and Documentation
24-Aug	Tue		Data Analysis and Documentation	Data Analysis and Documentation
25-Aug	Wed		Travel EK 319 & EK 2167	Data Analysis and Documentation
26-Aug	Thu		JUB 14:15 - NRT 17:35	Travel ET 355 & ET 672
27-Aug	Fri			JUB 16:20 - NRT 20:15
28-Aug	Sat			
29-Aug	Sun			
30-Aug	Mon			
31-Aug	Tue			

事業化調査報告書(案)説明

Schedule		Consultant	
		Chief Consultant	Cost Estimate
Date	Day	Mr. Noda	Mr. Takatsu
2021			
13-Nov	Sat	22:30 Leave Narita, EK319 05:30 Arrive Dubai	
14-Nov	Sun	05:30 Arrive Narita 09:40 Leave Dubai, EK2167 13:20 Arrive Juba	
15-Nov	Mon	Site Inspection / Discussion with KRB	
16-Nov	Tue	Meeting JICA Office	
17-Nov	Wed	Site Inspection / Discussion with KRB	19:40 Leave OUAGADOUGOU, AF91
18-Nov	Thu	Site Inspection / Discussion with KRB-CES	06:10 Arrive Paris 18:40 Leave Paris, AF570
19-Nov	Fri	Site Inspection / Discussion with KRB	00:05 Arrive Cairo 10:40 Leave Cairo, MS5859 14:30 Arrive Juba
20-Nov	Sat	Data Analysis and Documentation	Data Analysis and Documentation
21-Nov	Sun	Data Analysis and Documentation	Data Analysis and Documentation
22-Nov	Mon	Site Inspection / Discussion with Juba City Council	Site Inspection / Discussion with Juba City Council
23-Nov	Tue	Discussion and Signing of Technical Note	Discussion and Signing of Technical Note
24-Nov	Wed	Discussion and Signing of MD	Discussion and Signing of MD
25-Nov	Thu	Discussion and Signing of MD Meeting / Embassy of Japan	Discussion and Signing of MD Meeting / Embassy of Japan
26-Nov	Fri	14:20 Leave Juba, EK2168 21:45 Arrive Dubai	14:20 Leave Juba, EK2168 21:45 Arrive Dubai
27-Nov	Sat	02:55 Leave Dubai, EK318 17:20 Arrive NARITA	02:55 Leave Dubai, EK318 17:20 Arrive NARITA

## 【添付資料3】 関係者（面会者）リスト

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### Contact List

<b>No.</b>	<b>Name</b>	<b>Organization</b>	<b>Position</b>	<b>Contact</b>
1	Mr. Jeremiah Turic	Ministry of Roads and Bridges (GOSS)	Undersecretary	
2	Mr. George Duku	Ministry of Roads and Bridges (GOSS)	Chief Bridge Engineer (Project Manager)	
3	Mr. Thon Molek	Ministry of Roads and Bridges (GOSS)	Project Management Unit (PMU)-Program Manager	
4	Mr. Joseph Busu	Ministry of Roads and Bridges (GOSS)	Project Management Unit (PMU)-Deputy Program Manager	
5	Mr. Chol David	Ministry of Roads and Bridges (GOSS)	Project Management Unit (PMU)-Project Coordinator	
6	Mr. Mawa A. Moses	Ministry of Roads and Bridges-CES	Minister	
7	Mr. Samuel Taban Laki	Ministry of Roads and Bridges-CES	Director General	
8	Mr. Busu Joseph	Ministry of Roads and Bridges (GOSS)	Project Management Unit (PMU)-Program Manager -Deputy Program Manager	
9	Mr. Peter Kuot Jel	Ministry of Roads and Bridges (GOSS)	Undersecretary	
10	Mr. Taban Charles Michael	Juba City Council	Deputy Chief Executive Officer	

Note:

GOSS: Government of South Sudan

CES: Central Equatoria State



## 【添付資料4】 討議議事録

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**MINUTES OF DISCUSSIONS  
ON THE IMPLEMENTATION REVIEW STUDY  
ON THE PROJECT FOR CONSTRUCTION OF THE BRIDGES IN JUBA  
IN THE REPUBLIC OF SOUTH SUDAN**

On the basis of the approval of the “Project for construction of the bridges in Juba” (hereinafter referred to “the Project”) by the cabinet meeting of the Government of Japan in May 2016, Japan International Cooperation Agency (hereinafter referred to as “JICA”) dispatched the implementation review study team to the Republic of South Sudan (hereinafter referred to as “South Sudan”) from July 23<sup>rd</sup> to August 25<sup>th</sup> 2021.

The Team held a series of discussions with the officials concerned of the Government of South Sudan and conducted a field survey in the Project area. In the course of discussions and field survey, both sides have confirmed the main items described on the attached sheets.

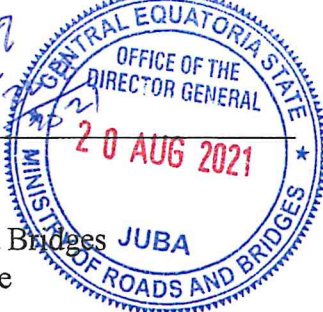
Juba, August 20, 2021



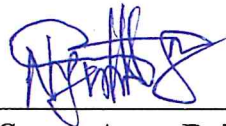
Shimizu Tsutomu  
Leader  
Implementation Review Study Team  
Japan International Cooperation Agency



Peter Kuot Jel  
Undersecretary  
Ministry of Roads and Bridges  
Republic of South Sudan



Samuel Taban Laki  
Director General  
Ministry of Roads and Bridges  
Central Equatoria State



George Agrey Duku  
Director of Bridges and Structures  
(Project Manager)  
Ministry of Roads and Bridges  
Republic of South Sudan

## ATTACHMENT

### 1. Objective of the Project

The objective of the Project is to mitigate congestions and facilitate urban passenger and goods transportation in Juba, thereby contributing to economic and social development of South Sudan.

### 2. Purpose of the implementation review study

The South Sudan side understood the background and purpose of the study as follows:

- 1) On the basis of the preparatory surveys conducted in 2013 and 2015 to 2016, the Project has been already approved by the cabinet meeting of the Government of Japan in May 2016 with the grant limit of two billion two hundred and sixty-five million Japanese Yen (¥2,655,000,000).
- 2) The main purpose of the implementation review study is to reconfirm the components and the situation of the Project and to revise the cost estimation within the above-mentioned grant limit.

### 3. Project Site

Both sides confirmed that the Project sites are located in Juba city as shown in Annex-1.

### 4. Responsible authority for the Project

Both sides confirmed the Ministry of Roads and Bridges (hereinafter referred to as “MRB”) is the responsible and executing agency for the Project. MRB shall coordinate with all the relevant authorities to ensure smooth implementation of the Project and ensure that the relevant authorities shall manage the undertakings for the Project properly and on time. The organization chart of MRB is as shown in Annex 2.

### 5. Components of the Project

5-1. Both sides confirmed that the components of the Project is construction of 4 lanes bridges and approach roads listed as follows:

- 1) Bridge No. 1 (L=15.0m) and approach road (L=88.0m)
- 2) Bridge No.4 (L=11.5m) and approach road (L=198.5m)
- 3) Bridge No.7 (L=10.0m) and approach road (L=173.0m)
- 4) Bridge No. 10 (L=13.0m) and approach road (L=122.0m)

5-2. The South Sudan side understood that the components of the Project is subject to change if the revised cost estimation exceeds the grant limit.

## 6. Japan's Grant Aid Scheme

6-1. The South Sudan side agreed that the procedures and basic principles of Japanese Grant (hereinafter referred to as "the Grant") as described in Annex 3 shall be applied to the Project. As for the monitoring of the implementation of the Project, JICA requires South Sudan side to submit the Project Monitoring Report that the form is attached as Annex 4.

6-2. The South Sudan side agreed to take the necessary measures, as described in Annex 5, for smooth implementation of the Project. The contents of the Annex 5 will be elaborated and refined during the implementation review study and be agreed in the mission dispatched for explanation of the draft report. The contents of Annex 5 will be updated as the implementation review study progresses, and eventually, will be used as an attachment to the Grant Agreement.

## 7. Schedule of the Study

7-1. The Team will proceed with further field survey in South Sudan until August 25<sup>th</sup>.

7-2. JICA will prepare a draft report and dispatch a mission to South Sudan in order to explain its contents around November 2021.

7-3. If the contents of the draft report are accepted in principle and the Undertakings are fully agreed by the South Sudan side, JICA will prepare and submit the final report to the South Sudan around January 2022.

7-4. The above schedule is tentative and subject to change.

## 8. Environmental and Social Considerations

8-1. The South Sudan side agreed to obtain the Environmental Authorization for the Project and to submit it to JICA by February 2022.

8-2. Both sides confirmed that land acquisition and resettlement are not required for the Project.

## 9. Disclosure of Information

Both sides confirmed that the study results excluding the Project cost will be disclosed to the public after the completion of the implementation review study. All the study results including the Project cost will be disclosed to the public after all the verification of contracts for the Project are concluded by JICA.

## 10. Expected Outcomes and Indicators

Both sides confirmed that effectiveness and key indicators for the expected outcomes of the Project is to be revised based on the result of the latest traffic survey.



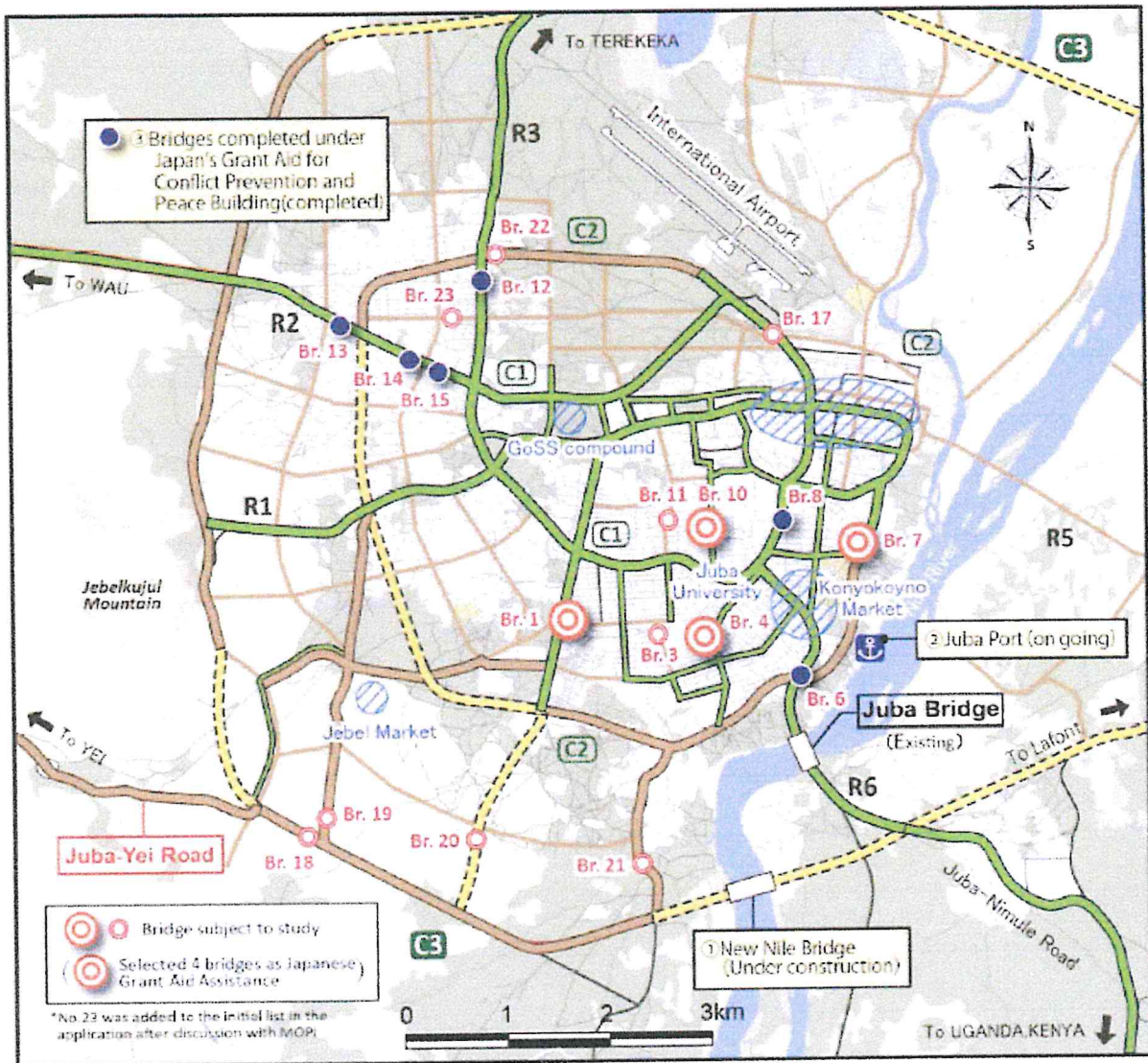
## 11. Other Relevant Issues

- 11-1. The South Sudan side requested to shorten the implementation schedule considering the urgency of the Project.
- 11-2. The South Sudan side assured to take necessary measures to relocate and/or remove utilities and obstructions at the Project site before the bidding.
- 11-3. The South Sudan side agreed to secure the temporary construction yard, borrow pit and disposal site near the Project site.
- 11-4. The South Sudan side agreed that customs duties, internal taxes and other fiscal levies which may be imposed in South Sudan are exempted under mutual agreement of Exchange of Note (E/N).
- 11-5. As shown in Annex 5, Both sides confirmed that MRB shall take necessary measures to ensure and maintain the security of the Project site and the persons related to the implementation of the Project, in cooperation with relevant authorities such as police.
- 11-6. The South Sudan side assured to secure the necessary budget and personnel for operation and maintenance of the facilities to be constructed by the Project.

- Annex-1 Project Site
- Annex-2 Organization Chart
- Annex-3 Japanese Grant
- Annex-4 Project Monitoring Report (template)
- Annex-5 Major Undertakings to be taken by the Government of South Sudan



Project Site

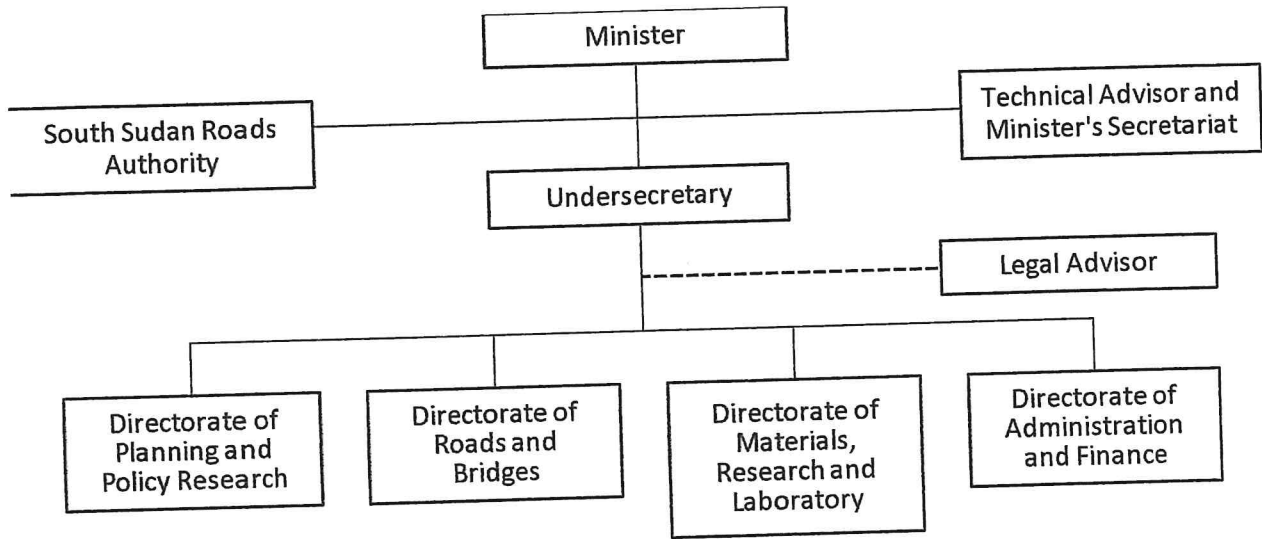


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Organization Chart



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## JAPANESE GRANT

The Japanese Grant is non-reimbursable fund provided to a recipient country (hereinafter referred to as “the Recipient”) to purchase the products and/or 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. Followings are the basic features of the project grants operated by JICA (hereinafter referred to as “Project Grants”).

## 1. Procedures of Project Grants

Project Grants are conducted through following procedures (See “PROCEDURES OF JAPANESE GRANT” for details):

## (1) Preparation

- The Preparatory Survey (hereinafter referred to as “the Survey”) conducted by JICA

## (2) Appraisal

-Appraisal by the government of Japan (hereinafter referred to as “GOJ”) and JICA, and Approval by the Japanese Cabinet

## (3) Implementation

## Exchange of Notes

-The Notes exchanged between the GOJ and the government of the Recipient

## Grant Agreement (hereinafter referred to as “the G/A”)

-Agreement concluded between JICA and the Recipient

## Banking Arrangement (hereinafter referred to as “the B/A”)

-Opening of bank account by the Recipient in a bank in Japan (hereinafter referred to as "the Bank") to receive the grant

## Construction works/procurement

-Implementation of the project (hereinafter referred to as “the Project”) on the basis of the G/A

## (4) Ex-post Monitoring and Evaluation

-Monitoring and evaluation at post-implementation stage

## 2. Preparatory Survey

## (1) Contents of the Survey

The aim of the Survey is to provide basic documents necessary for the appraisal of the 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 necessary for the implementation of the Project.
- Evaluation of the feasibility of the Project to be implemented under the Japanese Grant 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 an outline design of the Project.
- Estimation of costs of the Project.
- Confirmation of Environmental and Social Considerations

The contents of the original request by the Recipient are not necessarily approved in their initial form. The Outline Design of the Project is confirmed based on the guidelines of the Japanese Grant.

JICA requests the Recipient to take 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 executing agency of the Project. Therefore, the contents of the Project are confirmed by all relevant organizations of the Recipient based on the Minutes of Discussions.

## (2) Selection of Consultants

For smooth implementation of the Survey, JICA contracts with (a) 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 feasibility of the Project.

## 3. Basic Principles of Project Grants

### (1) Implementation Stage

#### 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 signed between the GOJ and the Government of the Recipient to make a pledge for assistance, which is followed by the conclusion of the G/A between JICA and the Recipient to define the necessary articles, in accordance with the E/N, to implement the Project, such as conditions of disbursement, responsibilities of the Recipient, and procurement conditions. The terms and conditions generally applicable to the Japanese Grant are stipulated in the “General Terms and Conditions for Japanese Grant (January 2016).”

#### 2) Banking Arrangements (B/A) (See “Financial Flow of Japanese Grant (A/P Type)” for details)

- a) The Recipient shall open an account or shall cause its designated authority to open an account under the name of the Recipient in the Bank, in principle. JICA will disburse the Japanese Grant in Japanese yen for the Recipient to cover the obligations incurred by the Recipient under the verified contracts.
- b) The Japanese Grant will be disbursed when payment requests are submitted by the Bank to JICA under an Authorization to Pay (A/P) issued by the Recipient.

#### 3) Procurement Procedure

The products and/or services necessary for the implementation of the Project shall be procured in accordance with JICA's procurement guidelines as stipulated in the G/A.

4) 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 to continue to work on the Project's implementation after the E/N and G/A.

5) Eligible source country

In using the Japanese Grant disbursed by JICA for the purchase of products and/or services, the eligible source countries of such products and/or services shall be Japan and/or the Recipient. The Japanese Grant may be used for the purchase of the products and/or services of a third country as eligible, if necessary, taking into account the quality, competitiveness and economic rationality of products and/or services necessary for achieving the objective of the Project. However, the prime contractors, namely, constructing and procurement firms, and the prime consulting firm, which enter into contracts with the Recipient, are limited to "Japanese nationals", in principle.

6) Contracts and Concurrence by JICA

The Recipient will conclude contracts denominated in Japanese yen with Japanese nationals. Those contracts shall be concurred by JICA in order to be verified as eligible for using the Japanese Grant.

7) Monitoring

The Recipient is required to take their initiative to carefully monitor the progress of the Project in order to ensure its smooth implementation as part of their responsibility in the G/A, and to regularly report to JICA about its status by using the Project Monitoring Report (PMR).

8) Safety Measures

The Recipient must ensure that the safety is highly observed during the implementation of the Project.

9) Construction Quality Control Meeting

Construction Quality Control Meeting (hereinafter referred to as the "Meeting") will be held for quality assurance and smooth implementation of the Works at each stage of the Works. The member of the Meeting will be composed by the Recipient (or executing agency), the Consultant, the Contractor and JICA. The functions of the Meeting are as followings:

- a) Sharing information on the objective, concept and conditions of design from the Contractor, before start of construction.
- b) Discussing the issues affecting the Works such as modification of the design, test, inspection, safety control and the Client's obligation, during of construction.

(2) Ex-post Monitoring and Evaluation Stage

- 1) After the project completion, JICA will continue to keep in close contact with the Recipient in order to monitor that the outputs of the Project is used and maintained properly to attain its expected outcomes.
- 2) In principle, JICA will conduct ex-post evaluation of the Project after three years from the completion. It is required for the Recipient to furnish any necessary information as JICA may reasonably request.



(3) Others

1) Environmental and Social Considerations

The Recipient shall carefully consider environmental and social impacts by the Project and must comply with the environmental regulations of the Recipient and JICA Guidelines for Environmental and Social Considerations (April, 2010).

2) Major undertakings to be taken by the Government of the Recipient

For the smooth and proper implementation of the Project, the Recipient is required to undertake necessary measures including land acquisition, and bear an advising commission of the A/P and payment commissions paid to the Bank as agreed with the GOJ and/or JICA. The Government of the Recipient shall ensure that customs duties, internal taxes and other fiscal levies which may be imposed in the Recipient with respect to the purchase of the Products and/or the Services be exempted or be borne by its designated authority without using the Grant and its accrued interest, since the grant fund comes from the Japanese taxpayers.

3) Proper Use

The Recipient is required to maintain and use properly and effectively the products and/or services under the Project (including the facilities constructed and the equipment purchased), to assign staff necessary for this operation and maintenance and to bear all the expenses other than those covered by the Japanese Grant.

4) Export and Re-export

The products purchased under the Japanese Grant should not be exported or re-exported from the Recipient.



## PROCEDURES OF JAPANESE GRANT

Stage	Procedures	Remarks	Recipient Government	Japanese Government	JICA	Consultants	Contractors	Agent Bank
Official Request	Request for grants through diplomatic channel	Request shall be submitted before appraisal stage.	x	x				
1. Preparation	(1) Preparatory Survey Preparation of outline design and cost estimate		x		x	x		
2. Appraisal	(2) Preparatory Survey Explanation of draft outline design, including cost estimate, undertakings, etc.		x		x	x		
	(3) Agreement on conditions for implementation	Conditions will be explained with the draft notes (E/N) and Grant Agreement (G/A) which will be signed before approval by Japanese government.	x	x (E/N)	x (G/A)			
	(4) Approval by the Japanese cabinet			x				
3. Implementation	(5) Exchange of Notes (E/N)		x	x				
	(6) Signing of Grant Agreement (G/A)		x		x			
	(7) Banking Arrangement (B/A)	Need to be informed to JICA	x					x
	(8) Contracting with consultant and issuance of Authorization to Pay (A/P)	Concurrence by JICA is required	x			x		x
	(9) Detail design (D/D)		x			x		
	(10) Preparation of bidding documents	Concurrence by JICA is required	x			x		
	(11) Bidding	Concurrence by JICA is required	x			x	x	
	(12) Contracting with contractor/supplier and issuance of A/P	Concurrence by JICA is required	x				x	x
	(13) Construction works/procurement	Concurrence by JICA is required for major modification of design and amendment of contracts.	x			x	x	
	(14) Completion certificate		x			x	x	
4. Ex-post monitoring & evaluation	(15) Ex-post monitoring	To be implemented generally after 1, 3, 10 years of completion, subject to change	x		x			
	(16) Ex-post evaluation	To be implemented basically after 3 years of completion	x		x			

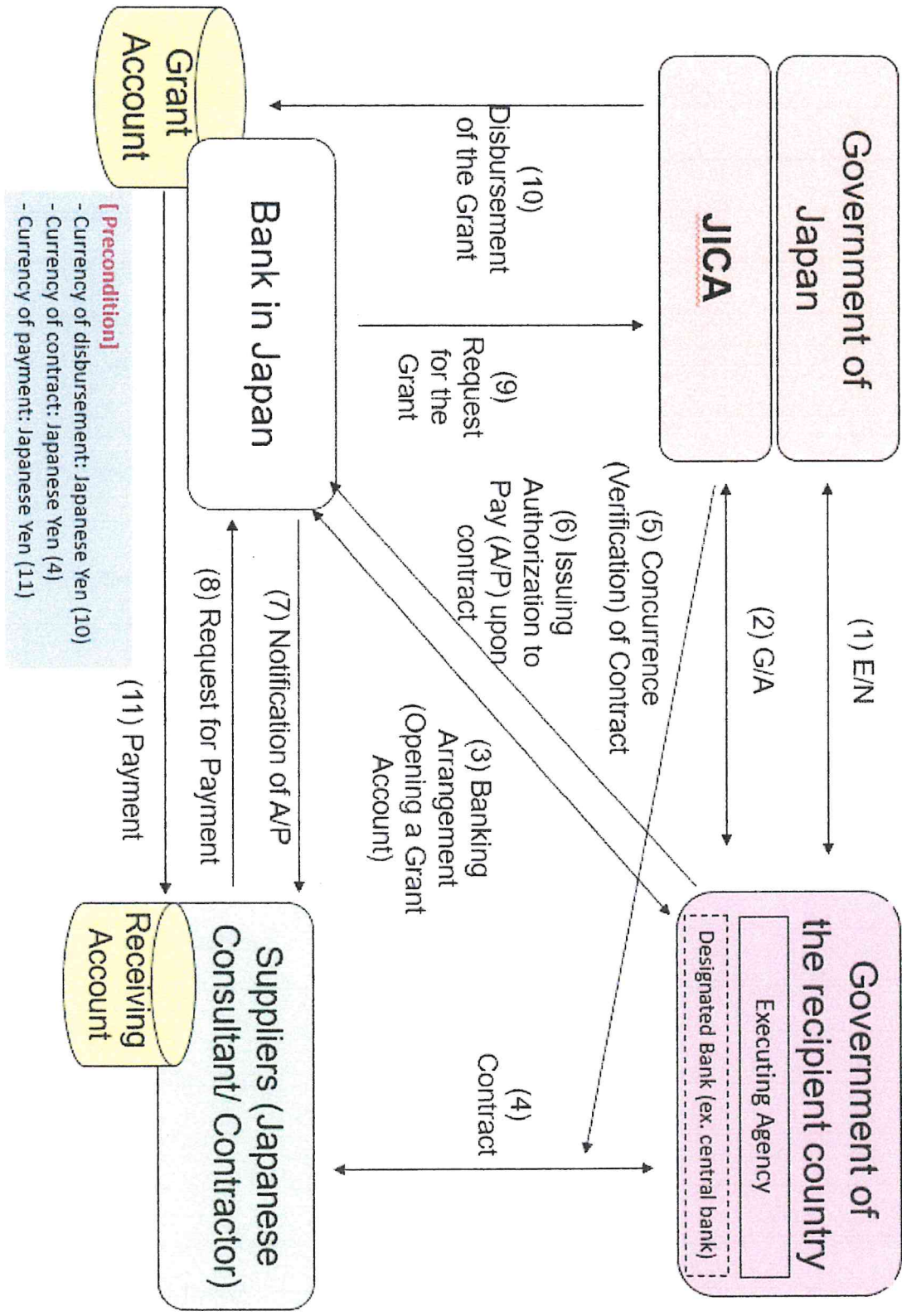
notes:

1. Project Monitoring Report and Report for Project Completion shall be submitted to JICA as agreed in the G/A.
2. Concurrence by JICA is required for allocation of grant for remaining amount and/or contingencies as agreed in the G/A.





# Financial Flow of Japanese Grant (A/P Type)



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**Project Monitoring Report**  
**on**  
**Project Name**  
Grant Agreement No. XXXXXXXX  
20XX, Month


**Organizational Information**

Signer of the  G/A  (Recipient)	_____ Person in Charge (Designation) _____  Contacts _____ Address: _____ Phone/FAX: _____ Email: _____
Executing Agency	_____ Person in Charge (Designation) _____  Contacts _____ Address: _____ Phone/FAX: _____ Email: _____
Line Ministry	_____ Person in Charge (Designation) _____  Contacts _____ Address: _____ Phone/FAX: _____ Email: _____

**General Information:**

<b>Project Title</b>	
<b>E/N</b>	Signed date: Duration:
<b>G/A</b>	Signed date: Duration:
<b>Source of Finance</b>	Government of Japan: Not exceeding JPY _____ mil. Government of (_____): _____

R




**1: Project Description**

**1-1 Project Objective**

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**1-2 Project Rationale**

- Higher-level objectives to which the project contributes (national/regional/sectoral policies and strategies)
- Situation of the target groups to which the project addresses

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**1-3 Indicators for measurement of "Effectiveness"**

Quantitative indicators to measure the attainment of project objectives		
Indicators	Original (Yr )	Target (Yr )
Qualitative indicators to measure the attainment of project objectives		

**2: Details of the Project**

**2-1 Location**

Components	Original <i>(proposed in the outline design)</i>	Actual
1.		

**2-2 Scope of the work**

Components	Original* <i>(proposed in the outline design)</i>	Actual*
1.		

Reasons for modification of scope (if any).

(PMR)
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**2-3 Implementation Schedule**

Items	Original		Actual
	<i>(proposed in the outline design)</i>	<i>(at the time of signing the Grant Agreement)</i>	

Reasons for any changes of the schedule, and their effects on the project (if any)

**2-4 Obligations by the Recipient**

**2-4-1 Progress of Specific Obligations**

See Attachment 2.

**2-4-2 Activities**

See Attachment 3.

**2-4-3 Report on RD**

See Attachment 11.

**2-5 Project Cost**

**2-5-1 Cost borne by the Grant(Confidential until the Bidding)**

Components			Cost (Million Yen)	
	Original <i>(proposed in the outline design)</i>	Actual <i>(in case of any modification)</i>	Original <sup>1,2)</sup> <i>(proposed in the outline design)</i>	Actual
1.				
Total				

Note: 1) Date of estimation:

2) Exchange rate: 1 US Dollar = Yen

**2-5-2 Cost borne by the Recipient**

Components			Cost (1,000 Taka)	
	Original <i>(proposed in the outline design)</i>	Actual <i>(in case of any modification)</i>	Original <sup>1,2)</sup> <i>(proposed in the outline design)</i>	Actual
1.				

Note: 1) Date of estimation:

2) Exchange rate: 1 US Dollar =

Reasons for the remarkable gaps between the original and actual cost, and the countermeasures (if any)

(PMR)
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**2-6 Executing Agency**

- Organization's role, financial position, capacity, cost recovery etc,
- Organization Chart including the unit in charge of the implementation and number of employees.

<b>Original</b> (at the time of outline design) name: role: financial situation: institutional and organizational arrangement (organogram): human resources (number and ability of staff):
<b>Actual</b> (PMR)

**2-7 Environmental and Social Impacts**

- The results of environmental monitoring based on Attachment 5 (in accordance with Schedule 4 of the Grant Agreement).
- The results of social monitoring based on in Attachment 5 (in accordance with Schedule 4 of the Grant Agreement).
- Disclosed information related to results of environmental and social monitoring to local stakeholders (whenever applicable).

<b>3: Operation and Maintenance (O&amp;M)</b>
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**3-1 Physical Arrangement**

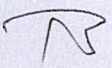
- Plan for O&M (number and skills of the staff in the responsible division or section, availability of manuals and guidelines, availability of spareparts, etc.)

<b>Original</b> (at the time of outline design)
<b>Actual</b> (PMR)

**3-2 Budgetary Arrangement**

- Required O&M cost and actual budget allocation for O&M

<b>Original</b> (at the time of outline design)
<b>Actual</b> (PMR)





#### 4: Potential Risks and Mitigation Measures

- Potential risks which may affect the project implementation, attainment of objectives, sustainability
- Mitigation measures corresponding to the potential risks

##### Assessment of Potential Risks (at the time of outline design)

Potential Risks	Assessment
1. (Description of Risk)	Probability: High/Moderate/Low
	Impact: High/Moderate/Low
	Analysis of Probability and Impact:
	Mitigation Measures:
	Action required during the implementation stage:
Contingency Plan (if applicable):	
2. (Description of Risk)	Probability: High/Moderate/Low
	Impact: High/Moderate/Low
	Analysis of Probability and Impact:
	Mitigation Measures:
	Action required during the implementation stage:
Contingency Plan (if applicable):	
3. (Description of Risk)	Probability: High/Moderate/Low
	Impact: High/Moderate/Low
	Analysis of Probability and Impact:
	Mitigation Measures:
	Action required during the implementation stage:
Contingency Plan (if applicable):	

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Actual Situation and Countermeasures  
(PMR)

## 5: Evaluation and Monitoring Plan (after the work completion)

### 5-1 Overall evaluation

Please describe your overall evaluation on the project.

### 5-2 Lessons Learnt and Recommendations

Please raise any lessons learned from the project experience, which might be valuable for the future assistance or similar type of projects, as well as any recommendations, which might be beneficial for better realization of the project effect, impact and assurance of sustainability.

### 5-3 Monitoring Plan of the Indicators for Post-Evaluation

Please describe monitoring methods, section(s)/department(s) in charge of monitoring, frequency, the term to monitor the indicators stipulated in 1-3.

### Attachment

1. Project Location Map
  2. Specific obligations of the Recipient which will not be funded with the Grant
  3. Monthly Report submitted by the Consultant
- Appendix - Photocopy of Contractor's Progress Report (if any)
- Consultant Member List
  - Contractor's Main Staff List
4. Check list for the Contract (including Record of Amendment of the Contract/ Agreement and Schedule of Payment)
  5. Environmental Monitoring Form / Social Monitoring Form
  6. Monitoring sheet on price of specified materials (Quarterly)
  7. Report on Proportion of Procurement (Recipient Country, Japan and Third Countries) (PMR (final) only)
  8. Pictures (by JPEG style by CD-R) (PMR (final) only)
  9. Equipment List (PMR (final) only)
  10. Drawing (PMR (final) only)
  11. Report on RD (After project)

Monitoring sheet on price of specified materials

1. Initial Conditions (Confirmed)

Items of Specified Materials	Initial Volume A	Initial Unit Price (¥) B	Initial total Price C=A×B	1% of Contract Price D	Condition of payment	
					Price (Decreased) E=C-D	Price (Increased) F=C+D
Item 1						
Item 2	●● ●●	●●	●●	●●	●	●
Item 3						
Item 4						
Item 5						

2. Monitoring of the Unit Price of Specified Materials

(1) Method of Monitoring : ●●

(2) Result of the Monitoring Survey on Unit Price for each specified materials

Items of Specified Materials	1st month, 2015	2nd month, 2015	3rd month, 2015	4th	5th	6th
Item 1	●	●	●			
Item 2						
Item 3						
Item 4						
Item 5						

(3) Summary of Discussion with Contractor (if necessary)

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Report on Proportion of Procurement (Recipient Country, Japan and Third Countries)  
 (Actual Expenditure by Construction and Equipment each)

	Domestic Procurement (Recipient Country) A	Foreign Procurement (Japan) B	Foreign Procurement (Third Countries) C	Total D
Construction Cost	(A/D%)	(B/D%)	(C/D%)	
Direct Construction Cost	(A/D%)	(B/D%)	(C/D%)	
others	(A/D%)	(B/D%)	(C/D%)	
Equipment Cost	(A/D%)	(B/D%)	(C/D%)	
Design and Supervision Cost	(A/D%)	(B/D%)	(C/D%)	
Total	(A/D%)	(B/D%)	(C/D%)	






## Major Undertakings to be taken by the Government of South Sudan

**1. Specific obligations of the Government of South Sudan which will not be funded with the Grant****(1) Before the Bidding**

No.	Items	Deadline	In charge	Cost (US\$)	Ref.
1	To approve IEE/EIA (Conditions of approval should be fulfilled, if any) and secure the necessary budget for implementation of countermeasures obligated in the IEE/EIA.	before signing of the G/A	MRB/MoE	1,000	
2	To open Bank Account (Banking Arrangement (B/A))	within 1 month after signing of the G/A	MOFP/MRB		
3	To issue the Authorization to Pay (A/P) to a bank in Japan (the Agent Bank) for the payment to the Consultant	within 1 month after signing of the contract with the consultant	MOFP/MRB	3,000	
4	To approve Abbreviated Resettlement Action Plan	before signing of the G/A	N/A		
5	To secure the necessary budget and implement land acquisition and resettlement (including preparation of resettlement sites), and compensation with full replacement cost in accordance with RAP	before notice of the bidding document(s)	N/A		
6	To implement social monitoring, and to submit the monitoring results to JICA, by using the monitoring form, on a quarterly basis as a part of Project Monitoring Report	till land acquisition and resettlement complete	N/A		
7	To secure and clear the following lands 1) right of way for the Project 2) temporary construction yard and stock yard near the Project area 3) diversion route for the existing road 4) borrow pit and disposal site near the Project area	before notice of the bidding document(s)	MRB/MRB-CES and related agencies		
8	To obtain the planning, zoning, building permit	before notice of the bidding document(s)	N/A		
9	To clear, level and reclaim the sites, which will be confirmed in the draft final report (All costs for relocation of utilities and demolition of obstacles etc. are included)	before notice of the bidding document(s)	MRB and related agencies	30,000	
10	To submit Project Monitoring Report (with the result of Detailed Design (DD))	before preparation of bidding document(s)	MRB	1,000	

Note : MRB – Ministry of Roads and Bridges

MOFP - Ministry of Finance and Planning

MOE-Ministry of Environment

MRB-CES – Ministry of Roads and Bridges-Central Equatoria State

MOL - Ministry of Labor

MOIA – Ministry of Interior Affairs

SSUWC – South Sudan Urban Water Corporation

SSEC— South Sudan Electricity Corporation

## (2) During the Project Implementation

No.	Items	Deadline	In charge	Cost (US\$)	Ref.
1	To issue A/P(s) to the Agent Bank in Japan for the payment(s) to the Supplier(s)	within 1 month after signing of the contract(s)	MOFP/MRB	1,000	
2	To bear the following commissions to the Agent Bank in Japan for the banking services based upon the B/A	during the Project	MOFP/MRB		
	1) Advising commission of A/P	within 1 month after signing of the contract(s)	MOFP/MRB	20,000	
	2) Payment commission for A/P		MOFP/MRB	33,000	
3	To ensure prompt customs clearance and to assist the Supplier(s) with internal transportation in the country of the Recipient	During the Project	MOFP/MRB and related agencies		
4	To accord Japanese physical persons and/or physical persons of third countries 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 country of the Recipient and stay therein for the performance of their work	during the Project	MOL/MOIA/MRB and related agencies		
5	To ensure that customs duties, internal taxes and other fiscal levies which may be imposed in the country of the Recipient with respect to the purchase of the products and/or the services be exempted	during the Project	MOFP/MRB and related agencies		
6	To bear all the expenses, other than those covered by the Grant, necessary for the implementation of the Project	during the Project	MRB		
7	1) To submit Project Monitoring Report	every month	MRB		
	2) To submit Project Monitoring Report (Final)	within one month after signing of Certificate of Completion of the Work under the contract(s)	MRB		
8	To submit a report concerning completion of the Project	within six months after completion of the Project	MRB		
9	To provide facilities for distribution of electricity, water supply and drainage and other incidental facilities necessary for the implementation of the Project outside the site(s)				
	1) Electricity The distributing line to the temporary site	before start of the construction	MRB/SSEC and related agencies		
	2) Water Supply The city water distribution main to the temporary site	before start of the construction	MRB/SSUWC and related agencies		
	3) Primary Electric Power Source Primary electrical power source up to the distribution boards.		MRB/SSEC	40,000	





No.	Items	Deadline	In charge	Cost (US\$)	Ref.
10	To take necessary measure for safety construction - traffic control - public notifications - Securing safety for personnel involved in the Project	during the construction	MRB/MoIA and related agencies	50,000	
11	To implement Environmental Management Plan (EMP) and Environmental Monitoring Plan (EMoP)	during the construction	MRB/MoE	2,000	
12	To submit results of environmental monitoring to JICA, by using the monitoring form, on a quarterly basis as a part of Project Monitoring Report	during the construction	MRB	N/A	
13	To implement RAP (livelihood restoration program, if needed)	for a period based on livelihood restoration program	MRB/MoE and related agencies	N/A	
14	To implement social monitoring, and to submit the monitoring results to JICA, by using the monitoring form, on a quarterly basis as a part of Project Monitoring Report - Period of the monitoring may be extended if affected persons' livelihoods are not sufficiently restored. Extension of the monitoring will be decided based on agreement between MIPU and JICA.	until the end of livelihood restoration program (In case that livelihood restoration program is provided)	MRB	N/A	

(3) After the Project

No.	Items	Deadline	In charge	Cost	Ref.
1	To implement EMP and EMoP	for a period based on EMP and EMoP	MRB /MoE		
2	To submit results of environmental monitoring to JICA, by using the monitoring form, semi-annually - The period of environmental monitoring may be extended if any significant negative impacts on the environment are found. The extension of environmental monitoring will be decided based on the agreement between MIPU and JICA.	for three years after the Project	MRB /MoE		
4	To maintain and use properly and effectively the facilities constructed and equipment provided under the Grant Aid 1) Allocation of maintenance cost 2) Operation and maintenance of structure 3) Routine check/Periodic inspection	After completion of the construction	MRB	30,000 (Annual)	

2. Other obligations of the Government of South Sudan funded with the Grant

No.	Items	Deadline	Amount (Million Japanese Yen)*
1			
2			
3			
	Total		XXX

\*The Amount is provisional. This is subject to the approval of the Government of Japan.

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JICA