

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)



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Monitoring sheet on price of specified materials

1. Initial Conditions (Confirmed)

Item	Initial Volume	Initial Unit Price (P)	Initial total Price (P x V)	1% of Contract Price	Condition of Payment	Price (Decreased)	Price (Increased)
	①	②	③	④	⑤	⑥	⑦
Item 1	①	②	③	④	⑤	⑥	⑦
Item 2	①	②	③	④	⑤	⑥	⑦
Item 3							
Item 4							
Item 5							

2. Monitoring of the Unit Price of Specified Materials

- (1) Method of Monitoring : ⑧
- (2) Result of the Monitoring Survey on Unit Price for each specified materials

Item	1st month, 2015	2nd month, 2015	3rd month, 2015	4th month	5th month	6th month
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%)	
Cost 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%)	

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Environmental Check List

Category	Environmental Item	Main Check Items	Yes: Y No: N	Confirmation of Environmental Considerations (Reasons, Mitigation Measures)
1 Permits and Explanation	(1) EIA and Environmental Permits	(a) Have EIA reports been already prepared in official process? (b) Have EIA reports been approved by authorities of the host country's government? (c) Have EIA reports been unconditionally approved? If conditions are imposed on the approval of EIA reports, are the conditions satisfied? (d) In addition to the above approvals, have other required environmental permits been obtained from the appropriate regulatory authorities of the host country's government?	(a) N (b) N (c) N (d) N	(a) WASA-F will prepare an EIA report and submit it to EPA during the present survey (b) EIA report shall be approved before the announcement of tender, which is expected to be September, 2021. (c) Special conditions are not imposed for EIA approval (d) Other environmental permits are not required
	(2) Explanation to the Local Stakeholders	(a) Have contents of the project and the potential impacts been adequately explained to the Local stakeholders based on appropriate procedures, including information disclosure? Is understanding obtained from the Local stakeholders? (b) Have the comment from the stakeholders (such as local residents) been reflected to the project design?	(a) Y (b) Y	(a) A stakeholders meeting was held with local administration in June 2019 to explain the outline of the project and expected negative environmental and social impacts and received opinions from local governments. Also, a joint session stakeholders meeting was held in December 2019. (b) Comments made during the above meetings were reflected in the project. (c) the consultant will also be responsible to conduct public hearing and incorporate the suggestion of local community etc. into the report.
	(3) Examination of Alternatives	(a) Have alternative plans of the project been examined with social and environmental considerations?	(a) Y	(a) Alternatives for facility components, location of distribution centers, construction methods of crossing the canal were considered.
2 Pollution Control	(1) Air Quality	(a) Is there a possibility that chlorine from chlorine storage facilities and chlorine injection facilities will cause air pollution? Are any mitigating measures taken? (b) Do chlorine concentrations within the working environments comply with the country's occupational health and safety standards?	(a) N (b) Y	(a) Since sodium hypochlorite is applied for chlorination, a negative impact to the air is negligible. (b) Chlorine is used for cleaning the pipe after installation and in the water treatment process, but since the concentration is low and the amount is small, this will not be a problem. Also, the dosing method is safe in line with safety standards.
	(2) Water Quality	(a) Do pollutants, such as SS, BOD, COD contained in effluents discharged by the facility operations comply with the country's effluent standards?	(a) Y	(a) Wastewater generated from the water treatment plant will be properly treated and discharged into the drainage canal in accordance with the country's wastewater standards.
	(3) Wastes	(a) Are wastes, such as sludge generated by the facility operations properly treated and	(a) Y	(a) Sludge generated from the water treatment plant will be dewatered and then transported to the designated disposal site to be disposed.

Category	Environmental Item	Main Check Items	Yes: Y No: N	Confirmation of Environmental Considerations (Reasons, Mitigation Measures)
3 Natural Environment		disposed in accordance with the country's regulations?		
	(4) Noise and Vibration	(a) Do noise and vibrations generated from the facilities, such as pumping stations comply with the country's standards?	(a) Y	(a) Since all pumps are to be installed inside the building, noise and vibration from the pumps will be minimal and consistent with the country's standards.
	(5) Subsidence	(a) In the case of extraction of a large volume of groundwater, is there a possibility that the extraction of groundwater will cause subsidence?	(a) N	(a) Groundwater will not be pumped up in this project.
	(1) Protected Areas	(a) Is the project site or discharge area located in protected areas designated by the country's laws or international treaties and conventions? (b) Is there a possibility that the project will affect the protected areas?	(a) N (b) N	(a) (b) Since the project site is in an urban area, protected areas are not existent.
	(2) Ecosystem	(a) Does the project site encompass primeval forests, tropical rain forests, ecologically valuable habitats (e.g., coral reefs, mangroves, or tidal flats)? (b) Does the project site or discharge area encompass the protected habitats of endangered species designated by the country's laws or international treaties and conventions? (c) If significant ecological impacts are anticipated, are adequate protection measures taken to reduce the impacts on the ecosystem? (d) Is there a possibility that the amount of water used (e.g., surface water, groundwater) by project will adversely affect aquatic environments, such as rivers? Are adequate measures taken to reduce the impacts on aquatic environments, such as aquatic organisms?	(a) N (b) N (c) N (d) N	(a) Since the project site is in an urban residential area, ecologically significant nature, flora and fauna do not exist. (b) The project site does not include habitats for precious species needed to be protected by laws and international treaties of this country. (c) Since the project site is in an already developed area, significant impacts on the ecosystem are not concerned. (d) Since the water intake from the irrigation canal for this project accounts for only a small percentage of the irrigation water volume planned by the Irrigation Department, the impact on the surrounding aquatic environment is extremely limited.
(3) Hydrology	(a) Is there a possibility that the amount of water used (e.g., surface water, groundwater) by the project will adversely affect surface water and groundwater flows?	(a) N	(a) Since water intake for this project is irrigation canal and the amount of water withdrawn is limited compared to the amount of water used for irrigation, influence on the flow of surface water and groundwater is negligible.	

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Category	Environmental Item	Main Check Items	Yes: Y No: N	Confirmation of Environmental Considerations (Reasons, Mitigation Measures)
		cultural, and religious heritage? Are adequate measures considered to protect these sites in accordance with the country's laws?		
	(4) Landscape	(a) Is there a possibility that the project will adversely affect the local landscape? Are necessary measures taken?	(a) N	(a) Landscapes needing special consideration in the target area are not found.
	(5) Ethnic Minorities and Indigenous Peoples	(a) Are considerations given to reduce impacts on the culture and lifestyle of ethnic minorities and indigenous peoples? (b) Are all of the rights of ethnic minorities and indigenous peoples in relation to land and resources respected?	(a) N (b) N	(a) Components that may affect ethnic minorities or indigenous peoples are not existent. (b) Not applicable.
	(6) Working Conditions	(a) Is the project proponent not violating any laws and ordinances associated with the working conditions of the country which the project proponent should observe in the project? (b) Are tangible safety considerations in place for individuals involved in the project, such as the installation of safety equipment which prevents industrial accidents, and management of hazardous materials? (c) Are tangible measures being planned and implemented for individuals involved in the project, such as the establishment of a safety and health program, and safety training (including traffic safety and public health) for workers etc.? (d) Are appropriate measures taken to ensure that security guards involved in the project not to violate safety of other individuals involved, or local residents?	(a) N (b) Y (c) Y (d) Y	(a) Since the working environment is assured by laws including the national labor law, no problems will arise. (b) The above labor law requires the safety of workers, and safety measure will be taken by the contractor in charge of the construction work. (c) The contractor will prepare safety and health plans and carry out safety education for workers. (d) Educational guidance for security personnel will be provided by the contractor.





