

TERMS OF REFERENCE FOR INDIVIDUAL CONSULTANTS

Title:	Duty Station:	
Consultant- Water Quality	<i>Consultant should be home-based and will not have assigned desk or office space.</i>	
Purpose of Activity/Assignment		
The purpose of this consultancy is to provide expert guidance and support in the development and implementation of a comprehensive water quality management framework, comprising of Water Quality Monitoring Guidelines, National SDG-6 Plan, Provincial SMDW Road Map, Capacity Building Modules, Water Quality Monitoring Platform, and Communication Material.		
Background		
Indonesia is the world's fourth most populous country, with a population of over 270 million people. However, access to safe drinking water remains a significant challenge in the country, with approximately 28 million people lacking access to basic water services. The situation is even worse in rural areas, where only 45% of the population has access to safe drinking water. The poor water quality in Indonesia has led to a range of health problems, including waterborne diseases such as diarrhea and cholera.		
To address these challenges, the Indonesian government has launched several initiatives to improve water quality and access to safe water, including the National SDG-6 Plan, which aims to ensure access to clean water and sanitation for all by 2030. Additionally, the government has developed Safely Managed Drinking Water Road Map to provide guidance for local governments in developing water management strategies. This consultancy support aims to strengthen the government efforts in the development and implementation of a comprehensive water quality management framework, including the Water Quality Monitoring Platform and Communication Material, to improve the quality and accessibility of safe drinking water in Indonesia.		
Scope of Work		
The consultant's scope of work includes providing technical expertise and support in the development and implementation of a comprehensive water quality management framework in Indonesia. This involves working closely with the government to ensure that the outcomes are effective, sustainable, and aligned with regional priorities, goals, and standards. The work also includes facilitating the development of Water Quality Monitoring Guidelines, Provincial SMDW Road Maps, Capacity Building Modules, Water Quality Monitoring Platform, and Communication Material. The goal of these initiatives is to improve water quality and increase access to safe drinking water for all Indonesians.		
Some of the key tasks included in this assignment are:		
<ul style="list-style-type: none"> - Water Quality Monitoring Guidelines - National SDG-6 Plan - Provincial SMDW Road Map - Capacity Building Modules - Water Quality Monitoring Platform - Communication Material 		
Supervisor: WASH Specialist	Start Date: 1 July 2023	End Date: 15 June 2024
Work Assignment Overview		
Tasks/Milestone	Deliverables/Outputs	Timeline
1. Water Quality Monitoring Guidelines: Support the government in the development of Water Quality Monitoring and Surveillance Guidelines through <ul style="list-style-type: none"> - Technical Support to MoH - Desk review of status of WQ Monitoring and Surveillance in Indonesia 	MoH is mobilized to develop WQ guidelines Review Report on WQMS Report of National Stakeholder Consultation (5 days) Five trip reports (5 regions *5 days including 3 days of travel to each region)	10 days 10 days 5 days 25 days (15 days Travel)

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<ul style="list-style-type: none"> - Facilitate National stakeholder consultation - Field verification on the situation of WQM in five provinces - Two technical Meetings at National level - Draft Submission - Final Document 	Minutes of two technical meetings Draft WQM guidelines (10 days) Final WQM guidelines (5 days)	4 days 15 days 5 days (31 Dec 23)
2. National SDG-6 Plan: Support the Consolidate existing documents and compile National SDG-6 Plan <ul style="list-style-type: none"> - Technical Support to Bappenas in developing SDG-6 Plan - Compile existing four Road Maps into SDG Road Map 	SDG-6 Plan development is agreed by Bappenas National SDG 6 Plan (with 2 major revisions)	5 days 25 days 30 Sep 23
3. Provincial SMDW Road Map: Compile Safely Managed Drinking Water Road Map for East Java province, based on the existing national road map Provide technical support to East Java to roll out across the province	Provincial SMDW Roadmap for East Java is compiled Roadmap is rolled out (including 2 trips * 3 days)	20 days 15 days (6 days travel) (31 Mar 24)
4. Capacity Building Modules: Develop Capacity building modules for Sanitarians and support the media agency to develop multimedia material	10 Capacity building modules 10 Videos developed with Media agency	20 days 10 days (15 June 24)
5. Water Quality Monitoring Platform: Review the existing Water Quality Monitoring Platform and develop improvement plan	WQM Platform review report	10 days (30 Sep 23)
6. Communication Material: Identify communication needs of various stakeholders on Water Quality and develop appropriate Communication Material for dissemination	Communication Needs Document (Secondary Data) Content for Communication Material	10 days 20 days (15 June 24)
	Total	209 days

List of Tasks	Payment Schedule
1. Water Quality Monitoring (travel) 2. National SDG-6 Plan 5. Water Quality Monitoring Platform	First Payment: 30 Sep 2023 for 65 days (31% of total payment) or the value of actual deliverables submitted
1. Water Quality Monitoring Guidelines	Second Payment: 31 Dec 2023 for 49 days (24% of total payment) or the value of actual deliverables submitted
3. Provincial SMDW Road Map	Third Payment: 31 Mar 2024 for 35 days (17% of total payment) or the value of actual deliverables submitted
4. Capacity Building Modules 6. Communication Material	Fourth Payment: 15 June 2024 for 60 days (28% of total payment) or the value of actual deliverables submitted

<p>Minimum Qualifications required: <input type="checkbox"/> Bachelors <input checked="" type="checkbox"/> Masters <input type="checkbox"/> PhD <input type="checkbox"/> Other</p> <p>Enter Disciplines: - A Master’s degree in Drinking Water related areas</p>	<p>Knowledge/Expertise/Skills required:</p> <p>Skills:</p> <ul style="list-style-type: none"> - Should be able to communicate and prepare documents in both Bahasa and English - Ability to work effectively with diverse stakeholders, including government officials, contractors, and local communities. <p>Experience:</p> <ul style="list-style-type: none"> - At least 5 years of experience of working in Drinking Water sector, with a specific focus on Water Quality. - Experience in publishing research documents and papers for broader audience (please share evidence) - Broad sectoral experience on Water, Sanitation and Hygiene - Experience of working with government, and UN agencies (Desirable)
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