

## **Scope of Work**

### **WQQ Equipment for IUWASH PLUS**

#### **Background**

The USAID Indonesia Urban Water, Sanitation and Hygiene, Penyehatan Lingkungan Untuk Semua (IUWASH PLUS) program is a five-year initiative designed to assist the Government of Indonesia (GOI) in increasing access to water supply and sanitation services as well as improving key hygiene behaviors among urban poor and vulnerable populations. USAID IUWASH PLUS works with governmental agencies, the private sector, NGOs, communities and others to achieve the following "high level" results:

- An increase of one million people in urban areas with access to improved water supply service quality, of which at least 500,000 are from the poorest 40% of the population (also referred to as the "Bottom 40%" or "B40"), vulnerable groups or Indonesia's eastern provinces; and
- An increase of 500,000 people in urban areas with access to safely managed sanitation and all of whom are from the "B40", vulnerable groups or Indonesia's eastern provinces.

To ensure that improvements in access to WASH services are sustained, USAID IUWASH PLUS is guided by a development hypothesis that focuses on strengthening service delivery systems, so they can more effectively reach the poorest and most vulnerable segments of the population. In order to achieve this at scale, the program undertakes activities through four interrelated components, including: 1) improving household WASH services; 2) strengthening city WASH institutional performance; 3) strengthening the WASH financing environment; and 4) advancing national WASH advocacy, coordination and communication.

#### **Activity Summary**

In Indonesia, RPAMs are a key to ensuring water quality, quantity, continuity and affordability (also known as the "4K" in Bahasa Indonesia). RPAMs are classified into four types: RPAM Water Source, RPAM Operator, RPAM Customer and RPAM Consumer. IUWASH PLUS is supporting GOI in developing these plans in a number of strategic IUWASH PLUS locations. The results are shared with Local Governments (LGs) and water utilities (PDAMs) and used to determine priority action plans that are then incorporated into their planning and budgeting processes.

To prepare a comprehensive risk analysis of the different systems, it is critical to collect accurate field data, especially as concerns water quantity and quality (WQQ). Data collection is to be conducted by taking samples from raw water sources, water intakes, water treatment plants, storage reservoirs, and in the water distribution system. Initially baseline measurements must be taken and, after certain interventions are agreed upon and implemented, samples are to be again taken to monitor changes and, where required, make adjustments. However, while there is very strong backing from the GOI at both national and local levels, the need for good WQQ data is a relatively new concept, and the majority of LGs and PDAMs lack qualified staff or equipment required to perform this key function. Without this, the development of RPAMs will be severely curtailed and the ability to perform required on-going monitoring will be severely jeopardized.

**Targeted Procurement**

To support the above activities, USAID IUWASH PLUS need 5 sets of each equipment as seen in the table below. Each set containing equipment No. 1 up to 7 total 5 sets must delivered to Akademi Teknik Tirta Wiyata (Akatirta), Magelang Jl. Duku I No. 54 Perum Korpri ABRI Kramat Kota Magelang Telepon/Fax: (0293) 361340.

**WQQ equipment required for RPAM**

No	Equipment	Parameter Measured	Quantity
1	Flow meter	Water flow and water discharge (Current Meter and/or Ultrasonic Meter)	5 units
2	Multi parameter water checker	Multiple sensors allow for the measurement of 11 parameters simultaneously. (pH, pH (mv), ORP, DO, COND, Salinity, TDS, Seawater Specific Gravity, Temperature, Turbidity, Water depth)	5 units
3	TSS meter	Turbidity level	5 units
4	Nitrate meter	Contents level of Nitrate	5 units
5	Nitrite meter	Contents level of Nitrite	5 units
6	Fe <sup>+</sup> meter	Contents level of Iron	5 units
7	Reagent Buffer	Reagent for Iron measurement	5 units

**Requirements :**
**Technical Requirements :**

1. Bidder must having their own business in a fixed place (permanent shop / office / showroom) and do not submit purchases or work orders to other sub vendors
2. Bidder is an authorized business entity equipped with a valid business license certificate
3. **For Winner:**
  - USAID IUWASH PLUS will check the condition of the goods to ensure that all purchased water quality equipment meet the required standard and quality
  - The vendor has to conduct a product demonstration in Akatirta Magelang/the receiving locations (the cost to Magelang is borne by the vendor)
  - The vendor has to support after sales service by providing and guarantee the availability of the spare parts/reagent for calibration
  - The vendor has to provide warranty statement

**Budget Proposal Requirements:**

1. **Details of Budget Breakdown:**
  - Please submit price per item
  - The final price must be written in Rupiah
  - Include terms and method of payment
  - Please submit Delivery Cost to Akatirta Magelang
  - must specify the applicable offer price period
2. **Delivery period:** the bidder are required to submit detailed delivery schedule by giving the number of days required for each the procurement of the goods until delivery and transaction are completed
3. Information that can not be included in it can be added at the end of the offer/proposal.

**Statement:**

1. RFQ issuance does not require USAID IUWASH PLUS to approve the offer



2. The bidder shall not be reimburses for the cost incurred during the preparation and delivery of the offer
3. The General Cooperation Agreement between the United States Agency for International Development (USAID) and the Government of Indonesia exempts Value Added Tax (VAT) on all commodities of goods and services obtained through this agreement
4. All payments will be made in Rupiah and all invoices must also be in Rupiah