

Design and Bill of Quantities Guidance

For each water and sanitation infrastructure activity proposed, the following information must be provided to USAID/BHA for approval (either at application stage or prior to tendering/procurement). The requested information can be provided in a Word or Excel document. Bullet points are acceptable.

<p>A. Justification</p>	<ol style="list-style-type: none"> 1. Site selection rationale. Reasoning may include direct public health risk, Sphere Standards not being met, damage due to conflict, etc. 2. Impact of the shock (conflict, disaster, displacement) on the system or infrastructure proposed for rehabilitation/construction. Provide quantitative data to demonstrate a reduction in availability or accessibility of a service or infrastructure (water supply, sewer network, latrine, etc.). 3. Specific technical problems identified through the assessment and how these problems will be addressed by the proposed interventions. 4. If relevant, confirm that a Memorandum of Understanding will be signed with the relevant local authority specifying the work to be completed and responsibilities at handover. 5. Estimated number of beneficiaries and the expected service, i.e., liters of water per person per day, number of houses connected to sewer network, number of users per latrine, etc.
<p>B. Design and Bill of Quantities (BoQ)</p>	<ol style="list-style-type: none"> 1. Technical designs of the proposed interventions (plan and profile views with dimensions) in PDF or JPEG format. 2. General overview (schematic or narrative) describing the complete system for water or sewerage network interventions. Explain how the specific intervention proposed fits into that system and confirm that the rest of the system is functional and additional interventions are not required. 3. Itemized BoQ in US dollars.
<p>C. Operation and Maintenance (O&M)</p>	<ol style="list-style-type: none"> 1. Structure responsible for conducting O&M. Address what support will be provided to the structure to effectively manage the system and how it will access higher levels of O&M support. 2. User fees/cost recovery system. Clearly explain the proposed fee structure, how fees will be collected, how the funds will be transparently managed, and what specific activities these funds will support. If fees are not proposed, provide a strong justification.
<p>D. Timeline and Risk Management</p>	<ol style="list-style-type: none"> 1. Expected duration of the intervention (procurement/tendering, implementation, evaluation of the technical works, and handover to the community/local authorities). Explain how water/sewer needs will be met while interventions are ongoing. 2. Contractor risk management, including methods for technical and financial oversight such as performance or maintenance guarantees. 3. Safety measures for workers and communities, such as protective equipment, fencing, or signage.