

WASH Infrastructure Engineer

Vacancy

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Job Context

SKS Foundation in partnership with CARE Bangladesh is going to implement a new project titled **Promoting Adaptive Nutrition and Infrastructure (PANI)** Project. Following positions will be recruited for implementing the project's interventions:

JOB RESPONSIBILITY 1: WASH Infrastructure Planning, Design&Construction – 30%

- Conduct technical site assessments, surveys, feasibility assessments, and site verification for proposed WASH infrastructure.
- Prepare, review, and update technical designs, drawings, BOQs, cost estimates, technical specifications, bills of quantities, and implementation plans.
- Supervise the construction and installation of flood WASH infrastructure.
- Ensure all construction works comply with approved designs, BOQs, technical specifications, quality standards, safety requirements, environmental considerations, and climate-resilient principles.
- Monitor construction materials, workmanship, measurements, construction progress, and contractor/supplier performance.
- Verify site conditions and recommend appropriate technical solutions based on local context and climate risks.
- Identify technical problems, construction defects, deviations, and implementation risks and ensure timely corrective actions.
- Ensure appropriate consideration of gender, disability inclusion, child safety, accessibility, and user needs in WASH infrastructure design and implementation.
- Support infrastructure commissioning, testing, completion verification, and handover.

JOB RESPONSIBILITY 2: Technical Quality Assurance, Monitoring&Reporting – 25%

- Conduct regular field inspections, technical measurements, quality checks, and construction progress assessments.
- Verify contractor and supplier quantities against approved BOQs, drawings, specifications, and actual completed works.
- Check the quality and suitability of construction materials and workmanship.
- Prepare and maintain measurement sheets, site inspection reports, technical progress reports, completion certificates, snag lists, photographic records, and other technical documentation.

- Maintain complete, accurate, organized, and auditable technical records for all WASH infrastructure.
- Monitor physical and financial progress against approved work plans and BOQs and identify deviations at an early stage.
- Provide technical data, measurements, photographs, drawings, BOQs, progress updates, and other required information to SKS Foundation, CARE Bangladesh, and the project donor within agreed timelines.
- Support project monitoring, MEAL activities, technical assessments, evaluations, audits, donor verification, and technical reviews.
- Promptly report major technical, quality, safety, environmental, financial, procurement, or implementation risks to the appropriate authority.
- Follow up on identified technical deficiencies and verify completion of corrective actions.

JOB RESPONSIBILITY 3: WASH Training, Community Capacity Building&Sustainability – 25%

- Conduct and support capacity-building activities for Water User Associations, School Management Committees, community volunteers, local WASH entrepreneurs, caretakers, and beneficiaries.
- Develop, adapt, and facilitate WASH training modules, facilitator guides, session plans, presentations, checklists, practical exercises, pre/post-assessment tools, and training materials.
- Provide technical coaching and follow-up support to community WASH structures and facility caretakers.
- Support the establishment and strengthening of community-based operation and maintenance mechanisms and WASH maintenance funds.
- Promote sustainable, gender-responsive, disability-inclusive, safe, accessible, and user-friendly WASH services.
- Conduct post-training follow-up and assess the application of knowledge and practices at community and institutional levels.
- Support communities and institutions in developing sustainable O&M arrangements for WASH facilities.

JOB RESPONSIBILITY 4: Coordination, Compliance&Donor Accountability – 20%

- Follow approved project designs, technical standards, implementation procedures, workplans, BOQs, specifications, donor requirements, and technical instructions.
- Maintain close technical coordination with CARE Bangladesh and respond promptly to technical instructions, observations, monitoring findings, review comments, and corrective actions.
- Provide technical information and documentation as requested by SKS Foundation, CARE Bangladesh, and the project donor.
- Support donor and project field visits, monitoring missions, technical assessments, coordination meetings, workshops, reviews, and verification exercises.

- Ensure project activities and documentation comply with SKS Foundation and donor policies, safeguarding, accountability, anti-fraud, environmental and social safeguards, and other applicable requirements.
- Support infrastructure handover, government coordination, asset documentation, and sustainability arrangements.
- Obtain appropriate approval before making or implementing any major changes to approved designs, BOQs, specifications, budgets, or implementation plans.
- Maintain transparent, complete, accurate, and auditable technical records throughout the project.
- Perform any other relevant technical responsibilities assigned by the supervisor or authorized project management.

Employment Status

Full-time

Educational Requirements

- Diploma engineer (Civil) with 3-5 years' experience/Fresher with Bachelor's degree in civil engineering, Agricultural Engineering, Water Resources Engineering, Environmental Engineering, or another relevant engineering discipline from a recognized university.
- Equivalent combination of formal education and relevant professional experience may be considered where appropriate.

Experience:

- 3 to 5 year(s)

Age: At most 45 years.

Additional Requirements

- Practical experience in WASH infrastructure, water supply, sanitation, construction supervision, BOQ preparation, cost estimation, measurement, quality control, and technical reporting.
- Demonstrated experience in designing, supervising, or monitoring tubewells, latrines, school WASH facilities, drainage systems, water-supply systems, and climate-resilient WASH infrastructure.
- Experience in conducting WASH, sanitation, hygiene, O&M, and community capacity-building training.
- Experience in developing/adapting WASH training modules, facilitator guides, session plans, checklists, and training materials.
- Good knowledge of construction materials, water-supply systems, sanitation technologies, drainage, water quality, and operation and maintenance.
- Good understanding of climate-resilient and flood-resilient WASH infrastructure.
- Knowledge of Bangladesh WASH standards and relevant DPHE guidelines.
- Experience in gender-responsive, disability-inclusive, child-sensitive, and accessible WASH programming.

- Proficiency in Microsoft Word, Excel, PowerPoint, and AutoCAD.
- Strong skills in technical documentation, reporting, communication, coordination, facilitation, problem-solving, and field-level supervision.
- Ability to read and interpret engineering drawings, BOQs, specifications, and technical documents.
- Ability and willingness to travel frequently to remote, rural, and flood-prone project locations.
- Must possess a valid motorcycle driving license and be willing and able to ride a motorcycle for regular field visits.

Job Location

Gaibandha (Sundorgonj)

Salary

- Maximum BDT. 70,000 (Monthly)
- Others benefits will be as per project budget provision.

Compensation&other benefits

- T/A, Mobile bill, Weekly 2 holidays

Read Before Apply

Interested candidates are requested to send their application along with Curriculum Vitae (pdf copy) with two referees to hr@sk-sbd.org mentioning Subject line of **Deputy Director-HR** by **20 September 2026**. Only short-listed candidates will be called for interview. Women are especially encouraged to apply.