



# Mohammad Wasim Rahimi

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## OBJECTIVE

Skills and Strengths Excellent programming ability and analysis skill. Can work with a group. Excellent skill of conflict mitigation. Cool temperament. Strong Leadership ability. Good communication skill. Sincerity in performing the duty. Ability to travel to all parts of the country even to remote and high risky areas

## EXPERIENCE

22/12/2015

- **Distrect Engineer**  
MRRD/MCCG /Nangarhar  
Site visit of proposed project with survey engineer for taking required data for designing of retaining wall, culvert, and canal projects for local community.  
Prepare BOQ for all project and cost estimation of the project.  
Selection of quarry for construction materials in nearby place.  
Support designer based on survey data, topographic map, cross and long profiles, underground materials, velocity and water table.  
Providing sample for Bearing capacity test for foundation design of construction of school structures.  
Reviewing working drawing and bar bundle schedule for project implementation with ground reality.  
Estimation, costing, and rate analyze for planned projects  
Provide working schedule and quality control plan for planned projects  
Plan and coordinate work activities with the Project Manager.  
Take timely action to prevent potential delays and/or cost overruns that can be avoided. Want Report and recommend remedial actions regarding potential delays and/or cost overruns to the Project Manager.  
Provide supervision of project work progress and quality for on-time project delivery.  
Monitor contractor presence on the project site, including Bill of Quantities (BoQ) as per approved contract.  
Provide data and information about the project work to the Project Manager for reporting purposes.  
Provide monthly reports to the Project Manager detailing all project matters including quality, health and safety, environmental and financial, as well as any issues relating to possible delays, cost overruns, variations and any other matter as agreed with the Project Manager  
Complete needs assessment, organize preliminary studies and monitor/supervising consultants.  
Support the review of requests for new construction and rehabilitation works. •  
Carry out assessments and prepare reports with recommendations for follow up actions.  
Assist the Project Manager in redacting the tender dossier, with particular focus to the technical documents (drawings, BoQ, technical specification and standards)  
Assist the Project Manager to outline design requirements (e.g. timeline) to procure design services, including concept, preliminary and final stages where applicable.  
Assist the Senior Site Engineer to manage the design plan ensuring deliverables are available on time, and to the required quality.  
Prepare the BoQ for comment and approval by the Project Manager.  
Assist the procurement team with technical assistance in preparation of tender documentation and bid analysis where required.  
4. Construction supervision  
As tasked by the Project Manager, supervise construction works and administer works execution as per the contractual provisions and the design specifications.  
Ensure quantity/quality control and time schedule consistency.  
Verify that works are consistent with the project technical specifications and inform promptly of eventual deviations.  
Support the overall management of works implementation to ensure construction works are completed on time, within budget and to quality standards.  
Provide regular supervision of the project work progress and quality for on time delivery.  
Assist the Project Manager in the preparation of project/contracts related documentations such as periodic progress reports, site monitoring reports, stakeholder meeting minutes, engineer's

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instructions and variation orders, contractor's bills review reports, certifications, client hand-over documents and contracts close-out reports.  
Oversee surveying works, engineering control of the works etc.  
Assist in providing training and technology transfer to national personnel and contractor's personnel and advice on good construction practices, good environmental management practices, and appropriate health and safety standards during construction  
Contribute to the dissemination and sharing of best practices and lessons learned for development planning and knowledge building.  
Education/Experience/Language requirements  
Work experience in post-conflict/ fragif environments is desirable.  
Experience in construction management and reporting is required;  
Experience in supervision of rehabilitation works in, health facilities, educational facilities rehabilitation and WASH facilities is highly desirable;  
Strong knowledge of principles and techniques of carrying out infrastructure assessments required;  
Knowledge in management of Quick Impact Project would be an asset;  
High proficiency with computers in particular Google suite application , AutoCAD, MS Project, Google workspace internet, and other programming packages desirable

2/1/2016  
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31/12/17

- **Field Engineer**  
Safi Construction Company (SCC)  
Site visit of proposed project with survey engineer for taking required data for designing of retaining wall, culvert, and canal projects for local community.  
Prepare BOQ for all project and cost estimation of the project.  
Selection of quarry for construction materials in nearby place.  
Support designer based on survey data, topographic map, cross and long profiles, underground materials, velocity and water table.  
Providing sample for Bearing capacity test for foundation design of construction of school structures.  
Reviewing working drawing and bar bundle schedule for project implementation with ground reality.  
Estimation, costing, and rate analyze for planned projects  
Provide working schedule and quality control plan for planned projects.  
Reviewing technical specification for school construction, Canal and Canal structures, culvert, retaining wall/protection wall and side drain in provincial levels.  
Discuss with relevant community for introducing skill and unskilled labors and local suppliers for supplying construction materials.  
Checking of design documents with site condition.  
Monitoring of project implementation and bring positive change based on site condition.  
Providing weekly, monthly and final report for Infrastructure Manager  
Supervising the project implementation to ensure that the project is going on according approved designed documents.  
Monitoring the project based on approved work plan.  
Discussion with designers to bring positive change based on site condition.  
Check the project based on approved quality Control Plan.  
Making site visit report for senior authority.  
Check the materials before use for the projects and test all the required materials and recorded.  
Check the overall quality of project and compare it with all the approved documents, such as technical drawing, specification, BoQ, Sow and Contract.  
Evaluate the project after completion and recommend positive change for next projects.  
Submit community progress report to project supervisor on time and as per standard.  
Use standard and official monitoring forms during project visits.  
Ensure that the community is undertaking the work and are involved in monitoring.  
Ensure that the vulnerable sector of community is considered for employment, especially those who can't be benefited from the outcome of the projects.  
Assist project Supervisor in preparing the projects' procurement plan.  
Make sure that the projects are being implemented according to their design and estimation.  
Collect and measure project's effect indicator.  
Collect case stories in community that reflect the benefit of project intervention in the community. consideration of efficiency, effectiveness and sustainability of community micro-projects and economical consideration during conducting of feasibility study and technical survey.  
Working and liaising with targeted communities to ensure effective mainstreaming of environmental/social safeguard issues.  
Ensure the quality of construction materials before using it on the site and control quality of construction activities during supervision.  
Prepare inputs from all engineering activities to M&R Officer, project supervisor, project manager at any time required  
Organize distribution events, Identification of beneficiaries, Developing the case studies Ensure effective community mobilization, Facilitate the community organizations in the identification and selection of project beneficiaries.  
Plan and coordinate work activities with the Project Manager.

Take timely action to prevent potential delays and/or cost overruns that can be avoided. Want Report and recommend remedial actions regarding potential delays and/or cost overruns to the Project Manager.

Provide supervision of project work progress and quality for on-time project delivery.

Monitor contractor presence on the project site, including Bill of Quantities (BoQ) as per approved contract.

Provide data and information about the project work to the Project Manager for reporting purposes. Provide monthly reports to the Project Manager detailing all project matters including quality, health and safety, environmental and financial, as well as any issues relating to possible delays, cost overruns, variations and any other matter as agreed with the Project Manager

Complete needs assessment, organize preliminary studies and monitor/supervising consultants.

Support the review of requests for new construction and rehabilitation works. •

Carry out assessments and prepare reports with recommendations for follow up actions.

Assist the Project Manager in redacting the tender dossier, with particular focus to the technical documents (drawings, BoQ, technical specification and standards)

Assist the Project Manager to outline design requirements (e.g. timeline) to procure design services, including concept, preliminary and final stages where applicable.

Assist the Senior Site Engineer to manage the design plan ensuring deliverables are available on time, and to the required quality.

Prepare the BoQ for comment and approval by the Project Manager.

Assist the procurement team with technical assistance in preparation of tender documentation and bid analysis where required.

#### 4. Construction supervision

As tasked by the Project Manager, supervise construction works and administer works execution as per the contractual provisions and the design specifications.

Ensure quantity/quality control and time schedule consistency.

Verify that works are consistent with the project technical specifications and inform promptly of eventual deviations.

Support the overall management of works implementation to ensure construction works are completed on time, within budget and to quality standards.

Provide regular supervision of the project work progress and quality for on time delivery.

Assist the Project Manager in the preparation of project/contracts related documentations such as periodic progress reports, site monitoring reports, stakeholder meeting minutes, engineer's instructions and variation orders, contractor's bills review reports, certifications, client hand-over documents and contracts close-out reports.

Oversee surveying works, engineering control of the works etc.

Assist in providing training and technology transfer to national personnel and contractor's personnel and advice on good construction practices, good environmental management practices, and appropriate health and safety standards during construction

Contribute to the dissemination and sharing of best practices and lessons learned for development planning and knowledge building.

Education/Experience/Language requirements

Work experience in post-conflict/ fragif environments is desirable.

Experience in construction management and reporting is required;

#### • Irrigation Supervision Engineer

Panj-Amu/ADB/ MAIL/PARBSP/Kuduz

Monitor and data collection for the Irrigation canal projects.

Social data collection village vise district vise for project design and project costing.

Environmental data collection for all sub projects and projects.

Agricultural data collection, total command area for crops, type of crops and data Analysis.

Prepared all GIS Maps and Google Art kmz files for all sub project village and district vise for project analysis.

Reporting: Used Kobo Toolbox in progress and deviations of construction for all sub. projects.

Monitoring of the Irrigation Associations and their duties and responsibilities as per their TOR.

Review and check all irrigation drawing BOQ and designs as per Panj-AMU project requirement.

Review all social data checklist environmental data ( ESMP) and check at site.

Monitoring of all Panj-Amu Project construction works, its construction as per designs.

Monitoring of all Panj- Amu construction project materials quality, its tests, and works as per specifications.

Preparation of all Weekly and Monthly reports and submit it to the line manager.

Provide different types of deviation of construction work to line managers.

Provide training to IA and the Mirab for their effective enrollment in the project.

Evaluate the contractor's work performance based on specified materials, designs, specifications.

Perform all other duties as assigned by program senior management.

Must be willing and able to travel to all parts of Afghanistan.

Any other duties and tasks related to the position.

In collaboration with the Field Coordinator and Programme Analyst, ensure that environmental mitigation measures are implemented as part of the infrastructure.

Draw-up an inventory of existing irrigation and water resources infrastructure, and for each structure

1/3/2018

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15/08/2021

undertake a condition survey, determine the hydraulic characteristic and check the structural integrity. Detailed design of rehabilitation and up-grading of the canal system, associated structures (new and existing), flood protection works and other engineering infrastructure.

Undertaking surface water investigations and engineering design, for irrigation structures as dame, intake siphon, different types of canals, protection walls, flume, and irrigation reservoir.

Assessment and modeling of hydrology, pipe systems and channel flow.

Managing projects technical issues and liaising with regulators and client contacts

Assisting with environmental assessments and resource management projects

Carry out the walk-through survey with the relevant WRI team members to collect the data needed to prepare the design and sub-project proposal of the selected Panj-Amu schemes.

Work closely with the survey team to collect the needed technical inputs for topographical surveys of the selected Panj-Amu irrigation schemes.

In close coordination with other team members, decide on the location, type, and length of the irrigation schemes for improvement and coordinate with the survey unit before the technical survey.

Proceed with the economically and technically feasible designs of the Panj-Amu schemes as per standards and design manuals.

Prepare Bills of Quantities for smooth implementation of the proposed irrigation schemes.

Prepare BoQ as per the rate analysis norms and the prevailing local market rates.

Provide a detailed list of the required machinery, equipment, and personnel for the timely implementation of the sub-projects.

Prepare a detailed and realistic implementation plan for the designed sub-projects, keeping in mind the climatic conditions, remoteness, and technicality of the project following the available resources for the project implementation.

Design and prepare sub-project proposals for Panj-Amu secondary schemes.

Conduct training for the stakeholders and local community on on-farm irrigation water management and canal maintenance.

Conduct training on canal operation and structural calibration of the regulating structures.

Perform any other project-relevant activity and watershed project.

Carryout regular supervision at field level to ensure full compliance of technical, social, and environmental aspects during implementation.

Liaise with other regional offices and relevant Community Development Councils (CDCs) in technical and social matters.

Prepare/compile periodic progress reports in consultation with the field coordinator as per the standard format and deliver to the Supervisor for further review.

Promote exchanging ideas, lessons learned between the four provinces with respect to technical, social and considerations.

Promote smooth work relationships at regional level, counterpart staff and other relevant bodies and report to direct supervisors periodically.

Writing technical reports

Ensure designs/deliverables are compliant with the scope of work and contract requirements.

Provide construction supervision and quality control.

Provide technical irrigation inputs to the procurement unit for preparation of the tender documents for procuring services and works related to irrigation.

Prepare Human resources plan for technical survey, design.

Collect baseline data for all watershed related activities necessary for soil, water and plant conservation and design of watershed projects.

Identify areas for conducting action research in watershed management.

Act as a contact person between watershed management committee, government, and non-government agencies and other concerned stakeholders.

Technically guide the skilled and unskilled laborers in soil and water conservation activities including contour bonding, terracing, check dam, gully check, etc.

Develop watershed treatment plans, and keep an updated record of the work progress.

Develop appropriate memorandum of understanding (MoU) and Agreements with communities, institutions in controlling grazing, contribution in NRM, water sharing, establishment of farmers' field schools/ demonstrations etc.

- **Wash Officer**

Tariq Omer Construction Company (TOPCC)HWO Project

, follow up of village survey and site selection of well, stand post, bath, latrine and hand washing facility. checking the quality of sand and gravel in the project site and production site of the concrete elements.

follow up emergency bath and latrine installation according to the design.

follow up of the curing of concrete work and concrete elements.

filling the log book of vehicles, generators and drilling rigs.

distribution of the concrete elements and construction materials to the site.

filling the daily work record forms.

insure the drinking water distributed to the target families according to the signed contract.

Daily assigning of the vehicles, equipment and skill labors for the project activities.

mobilization of the local community to contribute in the project.

Training of the hand pump mechanic/valve man and collecting his/her wages during the installation of

1/2/2022

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31/9/2023

the hand pump / stand post.  
Ensure the supply of sand ,gravel and stone in the well/stand post site which is the community responsibility.  
Daily follow up on going water points /stand post and latrine construction in the site.  
filling of villager agreement and hand pump agreement forms for each water points.  
any other tasks assigned by the supervisor implementing WASH activities at the field level, and  
coordinating with the WASH officer, and PRRD team.  
In charge of implementing water, and sanitation infrastructures in Jozjan, Mazar sharif province.  
In charge of the supervision, monitoring, and evaluation of the different water and sanitation activities  
in the targeted districts  
Planning construction of Waterpoint in the targeted districts of Jozjan province.  
Follow up on the construction process in the targeted area to ensure standard and qualitative systems  
are established.  
In conjunction with the Logistics team, ensure logistics systems are understood (procurement,  
transport, storage, communications) estate/building management, asset management, etc.  
Ensure that procurement of goods and their delivery to the project areas is done timely  
Proceed with any task assigned by the WASH Officer & WASH Manager.  
To record, manage, and preserve monitoring and evaluation data in a safe and accessible way.  
Provide technical support on M&E and evidence-based recommendations to the relevant Project  
Officer and Partners.  
Ensure that the implementation of field activities adheres to the all site monitoring and evaluation  
system  
Establishing a sound coordination

11/12/2023  
- Up to  
now

- **QC-Engineer**

Nasrat Mustafa Construction Company (NMCC)UNOPS Project herat province.  
Contribute in the preparation of Quality Assurance/Quality Control (QA/QC) plans for new construction  
and rehabilitation works.  
Contribute in the establishment of quality procedures including time limits for inspection, sampling  
and testing of works and other QA/QC requirements.  
Contribute in the management of quality assessment of materials through regular and rigid laboratory  
tests.  
Conduct all quality inspections and prepare required site instructions and reports. Supervise the  
quality control functions/activities of the project or its parts, including quality control inspection  
schedules and the collection of quality records.  
Conduct quality control reviews and prepare related reports for design and construction of works, as  
required, and facilitate the compilation of inputs for monitoring and evaluation.  
Provide technical input to and assist the procurement team on all contractual matters.  
Manage contractors' submissions and maintain close coordination with the Lead Quality Engineer in  
the Core Programme Team (CPT) and the relevant cluster Project Manager about quality issues.  
Plan and coordinate work activities with the Project Manager.  
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Experience in construction management and reporting is required;  
Experience in supervision of rehabilitation works in, health facilities, educational facilities rehabilitation and WASH facilities is highly desirable;  
Strong knowledge of principles and techniques of carrying out infrastructure assessments required;  
Knowledge in management of Quick Impact Project would be an asset;  
High proficiency with computers in particular Google suite application , AutoCAD, MS Project, Google workspace internet, and other programming packages desirable.  
Conduct site meetings with contractors, staff, workers and customers, as required, providing necessary instruction regarding work quality management before commencement of each activity.  
Ensure specific quality standards are constantly met at all levels of construction projects.  
In consultation with the project staff, review technical specifications and recommend standard construction specifications for all items of work.  
Review all standard test forms to be used during laboratory tests, QA testing schedules and procedures, and evaluate results as appropriate.  
Review contractor practices and methodologies and make recommendations where remedial action is required.  
Work with project engineers and design engineers/consultants for establishing procedures with time limits for the inspection, sampling and testing of works and all other QA/QC requirements.  
Conduct initial survey queries on sources of materials, ensuring quality and quantity is of economic value to the project.  
Cooperate with Lead Quality Engineer in the CPT to analyse non-conformities and decide the way forward.  
Perform daily checks to assure control activities of all ongoing construction activities are in line with contracts documents and QA plans, including testing (FDT, Concrete test, Geotechnical, Site Survey etc.) and confirm their compliance.  
Conduct quality audits on site and prepare required reports and documentations  
Manage a site sample catalogue for all key submissions and material samples  
Conduct all completion inspections – punch-out, pre-final and final acceptance.  
Check to assure all materials and /equipment have been tested and approved.  
Review all submittals to ensure compliance with plans and specifications  
Inspect all materials delivered at the time of receipt are compliant with submittals and specifications.  
Ensure compliance with QA/QC requirements in civil works carried out by the contractors. Discuss and solve emerging problems with co-workers, sub-contractors, suppliers and customers  
Conduct health and safety audits and support the Health, Safety, Social and Environmental Analysts in maintaining site safety and preparing required reports.  
Prepare reports prescribed within the project documents and/or as required by the Project Manager.  
Perform other duties as may be assigned.

## EDUCATION

2010

- **12th degree**  
high school at Sayed Jamal Uddin Afghan High School, Kuz Kunar District, Nangarhar, Afghanistan

2014

- **Bachelor Civil Engineer**  
Khurasan University. <https://khurasan.edu.af/>  
B

## SKILLS

Microsoft Office and Outlook

Primavera P6

100%

100%

• Kobo toolbox • Fulcrum • GIS, Geographical Information System. • GPS, Handheld Global Positioning System. • Google Earth. • Geotechnical camera (Open camera) and 360 cameras. • Total Station. • All type of level. • Auto CAD (2D, 3D), including templates for drawing irrigation structures • Civil 3D. • Microsoft Office and Outlook

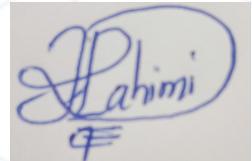
100%

## LANGUAGES

- Full working knowledge of English is essential. Knowledge of a local language (Pashto) is required

## REFERENCE

- **Rahimullah Khan - General Manager of Hardware at Ministry of Finance**  
ICT Manager  
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- **Ahmad Sharif - Safety and Security Advisor at Nonviolent Peace force.**  
Safety and Security Advisor  
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- **Sarij Munir - ADB/MAIL/PARSBP/Kunduz**  
Project Manager  
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MOHAMMAD WASIM RAHIMI