

RASHID HASSAN Agri/Irrigation Engineer

Locally Available with transferable Iqama

Cell: +966 543870655

rashidhzaidi@gmail.com

SUMMARY: Performance-driven & motivated Agri/Landscape Engineer recognized for conducting professional site inspections & project development assessment based on sustainability.

Having 20+ years of experience working in National & International Organizations in diversified Working Environment.

Landscape Based Experience:

- Comprehensive Project Supervision (Concept, Design review, layout, Site execution till hand over.)
- Projects Management (Contracts, Supervision & Design review).
- Landscape Development (Irrigation Work, Soft Landscape & Hard landscape).
- Project Coordination & Project Planning.
- Oversee the operation and maintenance of buildings and grounds by responding to users' needs.
- Ensure that the facility is fully operational with all utilities functioning properly.
- Schedule and supervise maintenance repair work and assist with checking installation and servicing building equipment.
- Maintain stock levels and parts within budget.
- Ensure compliance with state and federal regulations, and assist with energy management.
- Oversee security of buildings and grounds
- Maintain ongoing communication with contractors, clients, and team
- Lead, attend & contribute in project meetings between all parties.
- Handing over to client.

Irrigation Based Experience:

- Designing and execution of mega irrigation projects.
- Suggest and install the suitable irrigation systems according to requirement of locations.
- Project planning and cost analysis.
- Ensure that the facility is fully operational with all utilities functioning properly.
- Maintain stock levels and spare parts.

Sustainability Based Experience:

- Identify feasible sustainable Landscape Design Concept.
- Liaising with key Client stakeholder to develop their sustainability strategies.
- Monitoring the Design process to ensure that the Project Design objectives are being followed & Design meets the Client requirements.
- Good understanding of Low water consumption Landscape Design based on sustainability.
- Critical analysis of site/Project problems & give most appropriate recommendation based on sustainability.

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EDUCATIONAL QUALIFICATION:

Bachelor's Degree in Agriculture Engineering (**Irrigation & Landscaping**) from Punjab-Pakistan.

Member Pakistan Engineering Council (AGRI/2558) Islamabad (Pakistan).

Technical Trainings:

- High Efficiency irrigation systems Designing, installation and after sale services
- By National Institute of Design and Analysis.
- Usage & Maintenance of pumping equipment , at KSB Pumps
- Drip irrigation system maintenance by Ahmad Noori (Euro Drip, Turkey).
- Sales and marketing skills by **possibilities**, Lahore

Professional Experience:

Worked as **Manager Irrigation and Landscape**

Bahria Town, Karachi

From June 22, 2020 till Today.

Job Responsibilities

- 1: No plant without automated irrigation system and it covers more than 8000 acres of area including roads center and side medians, green belts, community parks, and green area of each and every residential or commercial place.
- 2: Prepare a dedicated professional team for the installation of different kind of irrigation systems according to the situations and requirements of places.
- 3: Designing and installation of most advance fully automated systems where treated waste water is used for irrigation.
- 4: Designing and installation of primary, secondary and tertiary irrigation networks started from treatment plant to underground water tanks and tank to specific areas.
- 5: Landscape design execution of parks, roads medians and green areas.
- 6: Develop soft and hard landscape areas according to community requirements.

Worked as **Business Manager** in

INDUS CONSULTANTS Lahore.

From Jan 2, 2019 till June 22, 2020.

Job Responsibilities

- 1: Designing and Execution of different types of irrigation systems in **PICQUIT GOLF CLUB, Kohat** (Pak Army Project)
- 2: Surface Irrigation System for complete course.
- 3: Sprinkler irrigation system for 9 Holes including tees and greens, 42 km closed piping network.
- 4: Water features, rockeries and lakes irrigation system
- 5: Rain Gun Irrigation system for practice area

Worked as **Business Manager** in

Hydromech Corporation Lahore

From Aug 2, 2017 till Jan 1, 2019.

Job Responsibilities

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- 1: Designing and installation of golf course, polo, cricket and foot ball grounds irrigation systems.
- 2: Preparation of business development plans, short term and long term policies.
- 3: Analyses of market trends and develops business plans according to the market situations.
- 4: Develop the potential dealer's net work to expand the business.
- 5: Preparation of dedicated professional team for carrying the HEIS, Agronomy and Landscape activities
- 6: Coordination with Govt. officials, Consultants and farmers for business development.
- 7: Providing technical inputs regarding the agronomical and horticulture practices under HEIS conditions.
- 8: Meetings with management and vendors to resolve technical issues and to ensure timely supply of approved quality material on sites.
- 9: Ensuring the quality of procured material by conducting random site visit and market assessment.

Worked as **Senior Engineer** in **Punjab Supervisory Consultants (PSC)**

Joint venture of (NESPAK & NDC) Lahore

from Oct 17, 2012 till 31 July 2017.

Job Responsibilities

- 1: Preparation of dedicated professional team for carrying the HEIS and Landscape activities
- 2: Coordination with OFWM HEIS staff regarding selection of systems for suitable conditions for plants.
- 3: Providing technical inputs to HEIS and landscape design team for preparing efficient and cost effective designs of HEIS and landscape schemes
- 4: Attending meetings with project management and vendors to resolve technical issues and to ensure timely supply of approved quality material on sites.
- 5: Ensuring the quality of procured material by conducting random laboratory testing of material.
- 6: Spot check of ongoing works (civil, earthen, Piping and pumping work) to ensure quality and quantity of work as per project standards and specifications.
- 7: Verified the completed works and certified the release of funds for conforming schemes.
- 8: Random quality testing of PCPS yards for each production and verify different parameters of strength.

Worked as **Assistant Manager** High Efficiency Irrigation system (Landscape) in

Ali Akbar Group Pakistan

from Dec 1, 2008 to 16 Oct 2012.

Job Responsibilities

- 1: Development of business set up for Landscape, Horticulture and agricultural services.
- 2: Preparation of dedicated professional team.
- 3: Annual business plan.
- 4: Preparation of technical designs, system laying parameters and efficient pumping systems for surface as well as sub surface irrigation systems.
- 5: Installation of surface and sub surface sprinkler and drip irrigation system.
- 6: Selection of grasses, plants, shrubs, ground covers and ornamental plants for optimized available water,

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7: Responsibility to identify the focus areas for the development of business.

Worked as **Field Engineer** in **Punjab Water Management Consultants (PWMC)**

Joint venture of (NESPAK & ACE) Lahore from May 08, 2007 to Nov 30, 2008.

over the project “National Program for Improvement of Watercourses in Pakistan – The Punjab Component”.

Job Responsibilities

- 1: Consultancy services for lift irrigation & open channel irrigation systems
- 2: To check the feasibility of the irrigation schemes with respect to technical, financial & social aspects.
- 3: To check engineering surveys conducted by the Field Teams in order to prepare design and cost estimates of the irrigation schemes
- 4: To review the design and cost estimates of the scheme.
- 5: Accord financial approval for the civil works executed.
- 6: Spot check of civil works executed to ensure quality of work as per project standards and specifications
- 7: Final verification of civil works in quantity and quality to certify completion of the works
- 8: Organizing training sessions for field staff
- 9: Preparing review and progress reports on monthly and quarterly basis

Worked as **Senior Sales Officer (Technical)** in **(HH&D Dept & Drip Irrigation system)** in **Jaffer Brothers (Pvt) Ltd.** From 23 May, 2006 to 7 May, 2007

Job Responsibilities

- 1: Responsible for the sale of irrigation systems.
- 2: Briefing with client on technical, financial and local aspects.
- 3: Management of labor, site and coordination installation process (piping, Chamfering, Fitting, erection of automation system and pumping systems)
- 4: Design, cost estimation and execution of work.
- 5: Convince to clients about the working of the systems and their use and efficiency.
- 6: Provide all sales and after sale services to the clients.

Worked as **Manager (Irrigation /Horticulture)** in

Urban Developers chartered town planners from April 14, 2004 to March 31, 2006.

Job Responsibilities

- 1: Designing of all Horticultural and irrigation Sites in (Air Avenue Housing Society, Central Park Housing Society, Punjab Housing Society Phase-II, Lahore and Silicon Valley Housing Society, Islamabad) (parks, walk ways. Green belts, Drip irrigation, Sprinkler irrigation, bubbler irrigation, Mist irrigation Systems).
- 2: Designing of Hundred acres Park in Central Park Housing Society, Lahore.
- 3: Establishment of two nurseries, green houses in housing societies (Air Avenue Housing Society, Central Park Housing Society, Punjab Housing Society Phase-II, Lahore and Silicon Valley Housing Society, Islamabad).
- 4: Development the all Irrigation and horticultural site.
- 5: Maintenance of all irrigation and Horticultural work.

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Work as **Landscape Engineer** in

Contours Landscape Company

from August 15, 2003 to April 18, 2004.

Job Responsibilities

- 1: Designing of all Horticultural and irrigation Sites (parks, walk ways. Green belts, Drip irrigation, Sprinkler irrigation, bubbler irrigation, Mist irrigation Systems)
- 2: Development the all Irrigation and horticultural site.
- 3: Maintenance of all irrigation and Horticultural work.

Worked as **irrigation/Project Engineer** in

Horti Group Landscape Company

from January1, 2002 to August15, 2003.

Job Responsibilities

- 1: Designing of all irrigation Systems (Drip irrigation, Sprinkler irrigation, bubbler irrigation, Mist irrigation Systems etc)
- 2: Quality assurance and on site Development of Irrigation systems.
- 3: Maintenance of all irrigation systems.

Personal Information:

Nationality: Pakistan

Languages: Urdu, English.

References:

1: Muhammad Majid Khan

Golf Course Superintendent/Director Golf Jeddah, KSA (+966-537536347) (aromals@yahoo.com)

2: Dr. Naveed Aslam Awan,

PhD. Crop Sciences from Reading University, UK, Head Agriculture, NESPAK HOUSE, Pakistan:
aslamoalikum@hotmail.com