

Nishant Khera

Education

B.COM (prof.) from G.N.D.U in 2006
Core Forestry Course from forestry Institute Sunder Nagar, Himachal Pradesh, India

Language skills

English and Hindi

Nationality

Indian

Reference

Bulent Cengiz
Project manager, Public Realm, EXPO 2020
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Chel Hauschildt
Associate Director - Landscaping
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Professional memberships

Member of G.B. Panth institute of Himalayan environment and development society for the conservation of the forest and its natural habitat

Contact details

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Years of experience

13

Has 13 years of hands-on experience in Horticulture and irrigation maintenance to complete site management. Possesses in depth knowledge on all aspect of landscaping operations including cost control, and personnel management. Well versed in the maintenance of community/Public realm landscaping, turf grass, nurseries, and irrigation execution works.

Professional history

- Responsible for all phases of landscaping maintenance, execution, cost control, and personnel management.
- Exceptional knowledge of the classification and the peculiar requirements of endemic and sub-tropical plants.
- Specializes in preparation and transplanting of large trees boxed and containerized.
- Oversees production, care and maintenance of plant material and associated irrigation system.
- Ability and knowledge to lay out automatic, manual irrigation and drainage patterns.
- Knowledge of safe use, mixing and application of chemicals and commercial products.
- Ability to anticipate personnel, equipment, and material requirements and cost assessment.
- Maintains calibration records for over seeding, fertilizing, Pest, and disease control.
- Formulate the layout design, establishment, and stocking of the Nursery.
- Can undertake time study of work area vs. manpower ratio.
- Can handle and supervise different nationalities and cultures.
- Oversees the installation and maintenance of the turf (including artificial), ornamental plants, shrubs, trees, and water features on the facility.
- Collect seeds and grow endemic plants.
- Knowledge of use and operating standards of equipment and tools for construction and maintenance work.
- Strong ability to learn job-related material primarily through oral instruction and observation.
- Exceptional ability to observe or monitor data, objects, or people's behavior to determine compliance with prescribed operating or safety standards.
- Well versed in use of MS Office, Aconex and Dome Connect.

Detailed experience

August 2018 - Present

AECOM Middle East Limited, Abu Dhabi UAE

Inspector – Horticulture

Project: EXPO 2020

Responsibilities:

- Inspects Horticultural works at EXPO 2020 performed by contractors including, but not limited to, groundcover, shrub, and tree planting and propagation maintenance and repair.
- Determines quality of work and compliance with approved plans, specifications codes and applicable standards.
- Inspects replacement landscaping and irrigation materials to ensure suitability and compliance with plans and specifications.

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- Oversees the complete preparation and transplantation of large trees containerized and naked root.
- Visits local farms and nursery to select the planting material for the Project.
- Provides technical review of landscape contracts to verify completeness and accuracy.
- Reviews, corrects, and ensures completeness of test reports, method statements, test plans submittals and as-built plans.
- Identifies safety hazards during course of work and takes appropriate action to correct.
- Documents non-conformance to specifications, codes, and standards, and participate in determining appropriate resolution.
- Trains and instructs employees through workshops in work methods, use of tools and equipment, and relevant safety precautions.
- Supervises applications of herbicides and pesticides and its effectiveness.
- Performs Inventory surveys for tracking and reporting.
- Provide technical direction to drafters, technicians, and surveyors.

February 2016 – July 2018

Tulipa Landscaping L.L.C (ARJ Group), Dubai Maintenance Operations Manager

Responsibilities:

- Assigning and scheduling of work for daily operations, procedures, and methods.
- Inspecting the routine scheduled maintenance work and responding to Landscaping and equipment faults.
- Scouting for pests and disease and its rectification.
- Liaising with client departments, customers, and other engineering colleagues for planting material production.
- Dealing with emergencies, unplanned problems, and repairs.
- Selection of plant materials for use in projects.
- Thorough knowledge of maintaining green houses and associated irrigation system.
- Ensure safety goals are achieved on the contract & oversee implementation of safety procedures on the project.
- Ensure compilation of monthly reports, material submittals and action plans.
- Established and maintained customer relationships.
- Liaise with clients, other contractors & local authorities to ensure timely execution of service.
- Prepare soil, plant and transplant trees and plants, mulching, weeding and irrigation schedules.
- Maintains ARJ Group Nursery & Landscaping areas for JAFZA, PCFC and DP World in the free Zone @Jabel Ali.

August 2014 – November 2015

Akar Technical Services, Dubai Landscape Maintenance Engineer

Responsibilities:

- Inspect the gardens for damage by pests, physical damage and environmental conditions & solve the problems.
- Selection of new plant and irrigation materials for use in projects.
- Monitoring and rectification of irrigation system.
- Thorough knowledge and maintenance of automated water features and irrigation system.
- Ensure safety goals are achieved on the contract & oversee implementation of safety procedures on the project.
- Prepare and submit monthly reports, snag rectification, work inspections, material submittals and action plans.
- Recognize and control damages related to soil compaction and weather extremes.
- Established and maintained customer relationships.
- Liaise with clients, other contractors & local authorities to ensure timely execution of service.
- Prepare soil, plant and transplant trees and plants, mulching, weeding and irrigation schedules.
- Successfully maintained Jumeirah Golf Estate Ring Road Project, Al Khail Gate, Palm Jumeirah Villas and Hotel Atana Musandam to name a few to best of standards.

December 2011 – August 2014

Jumeirah Golf Estate, Dubai Greenskeeper

Responsibilities:

- Performing tasks concerned with landscape methods of transplanting, protecting and developing plants, trees and shrubs.

- Monitoring irrigation system, Lakes and Water features and shall overlook the indoor plants supply maintenance at club house and the outdoor landscape of the golf estate.
- Providing solutions for operational problems in work schedules, non-routine service, personnel utilization, and non-scheduled works.
- Verifies effectiveness and adequacy of propagating different kinds of plants, soil mixing, fertilization and transplanting to maintain quality of plants.
- Supervises the application and recording of chemical applications (fertilizers and pesticides) on the Club's grounds in compliance with all local, state, and federal regulations.
- Schedule maintenance practices around member play and outings to maximize efficiency and minimize disruption to members.
- Recommending solutions for the different plant pest/disease and applied preventive measures such as treatment of insecticides, fungicides, nutrient deficiency or any biological problems and adoption control measures.
- Planning and assisting of soft landscaping and other grounds projects by preparing rough sketches and schedules, and estimates of manpower, materials and equipment.
- Estimate requirements to meet anticipated seasonal needs for plant material and herbicides.
- Supervise planting jobs, turf installation & planting materials, timely applying Fertilizer and Pest control and other horticultural and irrigation maintenance techniques.
- Experience in field of plant protection & fertilization in agriculture landscape forestry and irrigation field having thorough knowledge of Plant pathology, plant protection and fertilization management.
- Supervise planting jobs, turf installation & planting materials, timely applying Fertilizer and Pest control and other horticultural and irrigation maintenance techniques.

October 2007 – December 2011

Department of Government of Himachal Pradesh, India

D.R Block Officer

Responsibilities:

- Responsible for landscaping activities such planting and conservation of forest crops and resources.
- Administer deployment of manpower for activities and responsible to maintain good condition forestry landscape.
- Administer application of fertilizer, insecticides and herbicides as needed.
- Preparation of all accomplishment report regarding landscaping activities, estimates, work-orders and perform other day to day office work.
- Knowledge of creation and maintenance of botanical parks/gardens which is suitable for the environment.
- Experience on latest technologies on organic cultivation like vermin composting, bio pesticides and weed control.
- Experience on rainwater harvesting.
- Supervised nursery activities and responsible to propagations of planting of trees, shrubs and ground covers and ornamental plants.
- Establishing temporary nurseries in remote rural areas by site surveying, selecting mode of irrigation and upkeep.
- Establish, maintain, different types of seedling plantings and root stock.
- Installing irrigation system (drip & sprinkler).
- Maintain indoor plants in the administrative area and executive houses.
- Maintains greenhouses for plant propagations.
- Arrangement of Plants for special function and conferences.
- Nursery different methods of propagation in nursery beds and polythene bags. Grafting, Seeding and Pricking.