



MuthuKumar P R

VP/Project Management/ Consultant - Landscape / Horticulture / Environment

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Landscape Planning , Design and Project Management

Horticulture Maintenance

Horticulture / Landscape quality control and audit

Commercial Landscape (indoor and outdoor)

Horticulture Nursery



A result-oriented professional with over 24+ years of experience (Singapore, India and the Middle East) in Airports, Residential and commercial property, sports arenas, theme parks, and zoos- design, Design Review, Business Development, Project Management, and operation & Maintenance of landscapes.

- ▣ Prepare BOQ, budgeting, scheduling, MIS, RFP, Tendering, CAPEX, OPEX, SOP & EOP.
- ▣ Monitors, evaluates, and reports performance of assigned construction projects to management.
- ▣ Provides recommendations regarding project staff assignments/ teams.
- ▣ Acts as liaison between offices for all construction-related matters.
- ▣ Advises on corrective action for discipline problems or poor performance within projects.
- ▣ Enforces and interprets department policies, standards, and procedures.
- ▣ Adheres to safety and quality standards as applicable to duties and accountabilities.
- ▣ Supervises managers to ensure the project timetables, goals, and deadlines are met in an efficient and satisfactory manner.
- ▣ Outstanding ability to direct a team of for project controls, vendor relations, quality assurance, craft supervision, material expediting, and all other project administration.
- ▣ Prepare progress reports and attend coordination meetings with authorities, contractors, consultants and clients.
- ▣ Good knowledge of tropical and sub-tropical plants, Indoor Plants, vertical green walls, Soil mix formulation, orchard management, Manures and Fertilizers, Pest control, and developing and maintaining nurseries
- ▣ Qualified internal auditor of ISO IMS (EHS)
- ▣ Qualified Construction Safety Project Manager (CSCPM)
- ▣ International Arboriculture Society - Member

EXPERIENCES

General Manager - Landscape & Horticulture

Navi Mumbai International Airport - Since May 2024

- Currently, as Head – Landscape & Horticulture at Adani Airports, Navi Mumbai International Airport (NMIA), I lead the end-to-end planning, design coordination, development, execution, and operational readiness of one of India's most extensive airport landscape programs.
- I oversee more than 134,000 sq.m of outdoor and approximately 2,400 sq.m of indoor landscapes, integrating aesthetics, sustainability, functionality, passenger experience, and long-term maintainability within a complex aviation environment.
- My portfolio includes large-scale lawns, avenue and feature trees, ornamental planting, indoor tropical landscapes, vertical green walls, potted plant displays, and biodiversity-focused landscapes across key passenger and operational areas.

I manage the complete project lifecycle, including design reviews, plant palette optimisation, technical specifications, BOQs, material approvals, nursery and plant readiness, site execution, quality control, contractor coordination, commissioning, and maintenance planning.

SKILLS

TECHNICAL SKILLS

- Landscape Design
- Landscape Project management
- Landscape Maintenance
- Landscape Contract management
- Tendering Process
- Vendor management
- Labour Management
- Manures and Fertilizers
- Pest control
- Golf course and Turf Management
- Green house and Nursery cultivation
- Business Development and Marketing
- Airport Landscape (airside and Landside)

Languages Known

English, Hindi, Tamil, Telugu and understanding of Kannada and Malayalam

Computer Skills

- Auto CAD



- A key focus is creating resilient and resource-efficient landscapes suited to Navi Mumbai’s climatic and site conditions. This includes soil improvement and reclamation, sustainable irrigation, water-use optimisation, drainage integration, nutrient management, and effective plant establishment strategies.

‣ I also drive IoT-enabled landscape and irrigation management to enhance irrigation efficiency, optimise water consumption, monitor performance, and enable proactive maintenance.

‣ Working within an airport environment requires strict compliance with aviation safety, security, environmental, operational, and passenger-experience standards. I collaborate closely with landscape architects, consultants, civil and MEP teams, irrigation specialists, contractors, nurseries, and facility management teams to seamlessly integrate sustainable landscape infrastructure with airport operations.

‣ Photo shop

‣ Real time landscape

‣ MS office

‣ MS Project

‣ SAP

‣ 3D

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Head - Landscape and Horticulture – Adani Airport Holdings Ltd (BOM, IXE, LKO, TRV, NMIAL, AMD, GAU, JAI) – Total area 400 ha (Landsaped area)

Develop strategic plans for airside and landside landscape development, maintenance, and long-term sustainability.

Build and lead a professional, competitive, and technically skilled landscape team with relevant expertise and experience.

Ensure landscape operations and maintenance are managed in line with international airport standards.

Lead landscape design development in alignment with the Airport Master Plan and overall landscape design philosophy.

Appoint and coordinate with reputed landscape designers, consultants, and stakeholders for effective design development.

Establish fully functional plant nurseries across Adani Airports.

Support nursery setup, including location selection, layout planning, infrastructure, fixtures, plant selection, BOQ preparation, nursery manuals, and sourcing of propagation materials.

Implement Integrated Management Systems (IMS), Health, Safety, and Environmental (HSE) standards in accordance with SOPs.

Ensure a seamless transition from the development phase to the AMC/maintenance phase for upcoming airports.

Identify and appoint qualified AMC contractors through comprehensive tendering and SLA-based contracts.

Oversee landscape maintenance and quality management through effective contractor management, monitoring, audits, and continuous improvement.

Drive landscape enhancement initiatives, including festive displays, organic landscaping, sustainability, and renewable energy solutions.

Incorporate stakeholder requirements and operational needs into landscape maintenance and development activities.

Lead team training, mentoring, knowledge sharing, and capability development initiatives.

Promote resource optimisation and value engineering during landscape development and construction activities.

Prepare and consolidate MIS, OPEX, CAPEX, project, upgradation, procurement, and financial analysis reports covering 7 airports.

Monitor and manage horticulture-related procurement, expenditure, projects, and operational costs.

Drive customer-centric landscape management by regularly collecting feedback from operations teams, stakeholders, passengers, and other airport users.

Identify improvement opportunities based on customer and stakeholder feedback to enhance the overall airport landscape experience.

L & W CONSTRUCTION PVT LTD - March 2019 to June 2021

Core Responsibilities Coordinates all landscape Design, Design review ,installation and maintenance activities, including but not limited to understanding the scale and value creation expected, creating project schedules, mitigating risks, delivering such that customers become raving fans, managing up and laterally with team members, and the like Directs all field personnel to achieve completion of the project on schedule, within budget, with quality workmanship that conforms to original plans and specifications Involvement with hiring, training, and developing team members • Orders materials as necessary throughout the process • Develop and maintains positive relationships with customers, contractors, suppliers and LWBS team members Prepares, schedules and supervises the completion of a final punch list Promotes job site safety, encourages safe work practices and rectifies job site hazards immediately Ensures all company team members and contractors are adhering to the company safety policy Maintains and organizes job sites, office storage facility, and equipment Conducts customer survey at conclusion of project with objective of exceeding customer expectations and creating referrals.

Core Competencies:

- Leadership:
- Demonstrates transparency in values, beliefs, and actions
- Creates an environment that is friendly, warm, and exciting
- Acts with integrity, respect and professionalism
- Communication:
- Provides thorough, timely, and effective communication
- Builds open and honest relationships • Listens to and respect team members, clients, and vendors
- Values constructive criticism

Teamwork:

- Builds productive, long-term relationships with clients, vendors, and others
- Commit to common goals based on open and honest communication
- Works together to bring out the best from our combined talents
- Exceeds client expectations to earn loyalty, trust, and referrals
- Commits to the safest work environment with no compromises and continual vigilance

Project Manager

TEHC International Pte Ltd - July 2014 to April 2019



- Full-time - Singapore

Worked as a Project Manager- Landscape (JEWEL Changi airport, Mandai Project Developments (Bird Park and West Node) , Marina one)
Pre and Post tendering, Budget, Negotiation, project management, Review of Landscape drawing prepared by Landscape consultant in coordination with the overall layout and species availability and sustainability.

Coordinating/Interfacing between Client, Landscape consultant, Herpetofauna

specialist, Environmental Manager Theming consultant/ contractors, MEP consultants/Contractors and Main contractor for

- Overall Landscape Design and implementation works
- Master and Micro Program
- Site Access and Material delivery plan
- Phasing handing over
- Material selection
- Mock up
- Advance Growing Nursery and Selection of Plants
- Verify Shop Drawing and Construction Drawings
- Resource planning
- Aviary mesh (vertical and horizontal) closure schedule and identification trees

for each aviary.

Completed Marina One, Changi Airport Terminal 4 .

Reporting Operation Director for Project Management of horticultural works which related to the landscaping activities.

Senior Manager -Horticulturist

Tierra Design (Pte) Limited - 2012 to 2014 - Consultant - Singapore - Singapore



• Projects like Hotel Park Royal (Upper Pickering street, SG), Marina Bay Financial Center, Admiralty Park and 7 Lamps -Vatika.

Developing and maintaining a set of client contacts

- Visiting project sites
- Undertaking environmental assessments
- Designing garden plans/planting layouts
- Advising about tree planting schemes
- Organizing horticultural trials
- BOQ Preparation and Negotiation
- Writing technical specification and assessment reports
- Project scheduling and Resource planing
- Maintaining awareness of industry developments
- Undertaking research
- Liaise with local authority inspection
- Review monthly progress claim till final account settlement
- Carry out soil inspection, preparation of planter for soil media
- Inspect tree pegging
- Review shop drawing and as built drawing
- Carry out maintenance inspection
- Prepare site comment/report for softscape defects

HEAD- Landscape & Horticulture

Bangalore International Airport Limited - August 2007 to September 2011 - Full-time - Bangalore - India



- ▶ Heading the landscaping and horticulture team at Bangalore International Airport Limited, India.
 - Design, Execution and maintenance of 300 acres of intensive landscape in landside and 320 acres in airside.
 - Developed and maintain the 5 acres of nursery to feed the horticulture needs.
 - Prestigious Best landscape award from Mysore Horticulture society.
 - Implemented IMS system in landscaping division and Best EMS implementation complement from DNV external auditors.
 - Introduced SAP (ERP) in to Landscaping division.
- ▶ Worked as Manager - Landscaping & Horticulture in charge with responsibilities of:
 - o Design Review, BOQ preparation, Tendering, Negotiation and Execution of landscaping project
 - o supervisor Hi-Tech horticulture technologies and modern concepts.
 - o Tracking and generating various reports like Daily, Weekly & monthly reports, RFP, Snag rectification report, history card for the equipments, etc.
 - o Processing of Environmental Management committee formalities.
 - o Providing the proper feed back to the management in weekly basis (MIS)
 - o Preparing Operation and Maintenance Manuals, Standard Operating Procedure (SOP), & Emergency Operating Procedure (EOPs) for smooth running of operations.
 - o Preparation Details of RFP, RFP approval Note, RFP, BOQ, schedule of works, Budgeting includes CAPEX, OPEX & REVENUE for Landscaping & Horticulture division.
 - o Maintenance Annual Maintenance Contract of Landscaping & Horticulture includes monthly bill preparation, verification contractor bills and statutory requirements.
 - o Co ordination with vendors and Material management for procurement of garden equipments under CAPEX in line with time frame.
 - o As a core team member & Implementation of ISO 14001:2004 & Leed EB certification.
 - o Preparing preventive & corrective maintenance schedules to insure the proper utilization of men and material.
 - o Preparing the duties and responsibilities for Maintenance executives and contract supervisors
 - o Preparation of estimates for new landscaping projects.
 - o Train the Maintenance executives and contract

Senior Manager- Landscape

Hirco - September 2011 to 2012 - Full-time - Chennai - India



Worked as head of Landscaping and Environment division in integrated township project (350 acres)

- Develop and Maintain the greenery in the premises includes streetscape, landscape, grounds, nurseries, podium landscape and indoor plants
- Design and review, execution and Maintenance of 9 hole Paspalum grass golf course.

Horticulturist



M/s. Pergola Landscape and Greenhouse - August 2005 to May 2007 - Full-time - doha - Qatar

Horticulturist, Pergola Landscapes & Doha Asian games committee, Kingdom of Qatar

- a. As a part of Doha Asian games committee (for Pergola landscapes) to develop and maintain the sports city, Aspire park and sh.alkhalifa stadium covers 53 acres of landscaping.
- b. Developed Leisure park of 300 acres intensive landscaping with imported large trees from brazil.

Horticulturist

M/s. Almezan Garden centre - June 2004 to July 2005 - Full-time - Manama - Bahrain

Worked as Horticulturist in Al mesian Landscaping Company, Kingdom of Bahrain

- a. Upgrade and maintain the landscaping in the palace.
- b. Part of the organizing committee for International Garden show
- c. Renovation of Bahrain golf course
- d. Developed and Maintain the climatic conditioned greenhouse for cut flowers

Horticulturist

Jain Irrigations Pvt Ltd - May 2002 to May 2004 - Full-time - Maharastra, Saudi, sharja - India

As Horticulturist Managed the company's 200 acres garden and nursery also design the new gardens according to climate, water availability, and utilization, slope of land, soil type, drip irrigation and money.

Worked as Horticulturist with Managing the greenhouse and Expertise in soilless culture (coco peat) technology.

Expertise in maintaining& growing the Export quality flowers, vegetables.

Dealing with client in floriculture crops concern.

Guided Green House supervisor regarding crop management.

Decide Plant protection measures for quality production.

Decide fertilizer management and application through computer based irrigation system. Guided Green House supervisions regarding green House climate control i.e. temperature, humidity, and light by various method like misting, covering with shade net, opening - closing of curtains etc. Erected the Grading& Packing of Flowers for Export as per International Quality requirement crops like gerbera, rose, carnation, banana, vegetables and annuals and Post harvest practices.

PROJECTS UNDERTAKEN

MAJOR PROJECTS

▸ Key Landscape & Horticulture Projects

Jewel Changi Airport, Singapore – Landscape and horticultural development, including planning, coordination, execution, and project delivery.

Mandai Bird Park, Singapore – Landscape and horticultural development works, including planning, coordination, and execution.

Marina One, Singapore – Landscape development and execution for the landmark integrated mixed-use development.

Changi Airport Terminal 4, Singapore – Landscape and horticultural works, including planning, implementation, coordination, and project delivery.

9-Hole Golf Course – HIRCO Palace Gardens, Chennai, India– Design review, planning, coordination, and execution of a 9-hole golf course and associated landscape works. Project Value: ₹8.5 Crore

Bangalore International Airport, India** – Design review, planning, and execution of large-scale landscape upgradation works across the airport. Project Value: ₹25 Crore

Asian Games 2006 – Khalifa Sports City, Doha, Qatar – Landscape development and execution works associated with Khalifa International Stadium and Sports City for the 2006 Asian Games. Project Value: QAR 20 Million

Ahmedabad International Airport, India – Landscape and horticulture upgradation, including planning, design coordination, execution, and enhancement works.

Mumbai International Airport, India – Landscape and horticulture upgradation works covering key indoor and outdoor areas.

Mangaluru International Airport, India– Landscape upgradation, horticultural enhancement, and improvement works across airport premises.

Thiruvananthapuram International Airport, India – Landscape and horticulture upgradation, including improvement of existing landscape assets.

Jaipur International Airport, India– Landscape upgradation and horticultural enhancement works to improve airport aesthetics and passenger experience.

Guwahati International Airport, India – Landscape and horticulture upgradation, development, and enhancement works.

Lucknow International Airport, India– Landscape upgradation and horticultural enhancement across the airport premises.

Lucknow Airport – Terminal 3 (T3), India – Planning, design coordination, development, and execution of indoor and outdoor landscapes, integrating passenger experience, aesthetics, functionality, and long-term maintainability. Project Value 18.5 Cr

Navi Mumbai International Airport (NMIA), India – Leadership of approximately 44 acres of extensive indoor and outdoor landscape development, covering design review, planning, execution, irrigation, horticulture, green walls, indoor planting, landscape features, quality control, and operational readiness. Project Value - 87 Crore (INR)

Ascendas IT Park, India – Landscape development works, including planning, coordination, execution, and horticultural development for a large-scale corporate IT campus.

Capgemini IT Park, India – Landscape development and horticultural works for corporate campus environments, including execution, coordination, and landscape establishment.

- Leisure Park, Qatar : Aspire park, Leisure land Package 2 A -Soft scape, Sports city project. Project value : 40 million Qatar riyals
- Golf course, Bahrain : Design review, planning & execution of Bahrain Golf course . Project value : 2 million dinars
- Sh.Al Khalifa Palace, Bahrain: Redesign, planning & execution of landscaping at Sh.alkhalifa palace. Project value : 1 million dinars
- West side of PTB, BIAL, Bangalore: Design, planning and execution of landscaping at BIAL. Project value : 3 million INR
- Beside Admin building, BIAL, Bangalore : Design, planning and execution of landscaping at Bangalore international airport. Project value: 2 million INR

EDUCATION

Construction Safety Manager

2015

M.S in Horticulture and landscaping

DR.PDKV,MAHARASTRA (ICAR)

October 2000 to April 2002

M.S. in Horticulture with 85.1 % (with distinction)

Diploma In Contract Management

NATIONAL INSTITUTE OF LABOUR EDUCATION AND MANAGEMENT

July 2009 to February 2010

First class

PORTFOLIOS

Plant display at NMIA



Staff canteen landscape at NMIA



MLCP greenwall at NMIA



CSM statue plants display at NMIA



Outdoor Landscape at NMIA

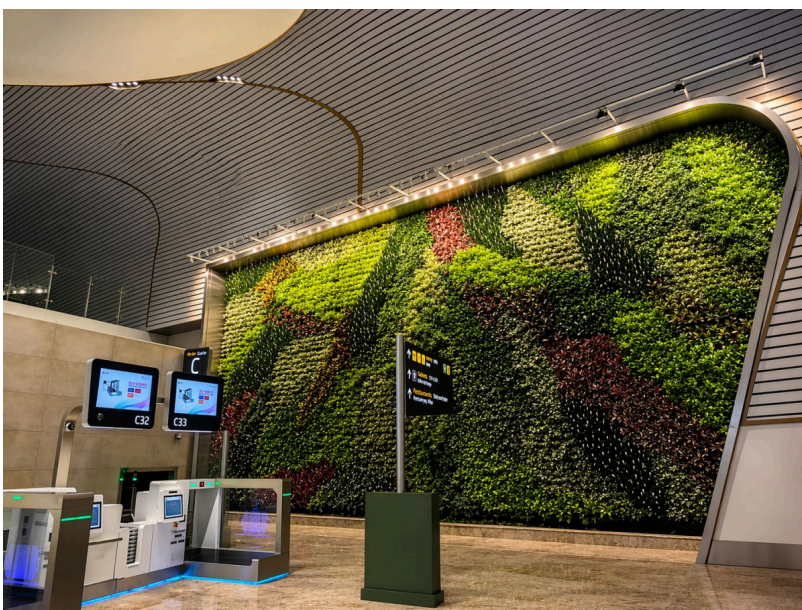


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Indoor Landscape at NMIA



Vertical greenwall at NMIA



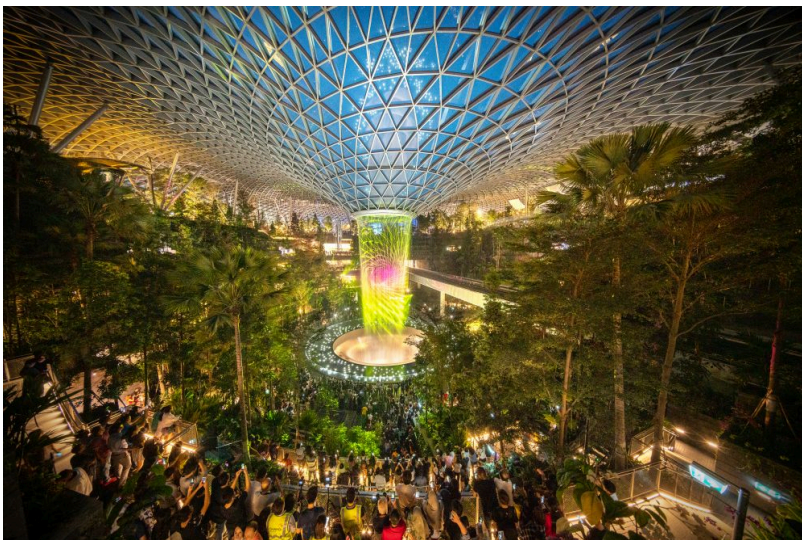
JEWEL Changi airport



JEWEL Changi airport



JEWEL Changi airport



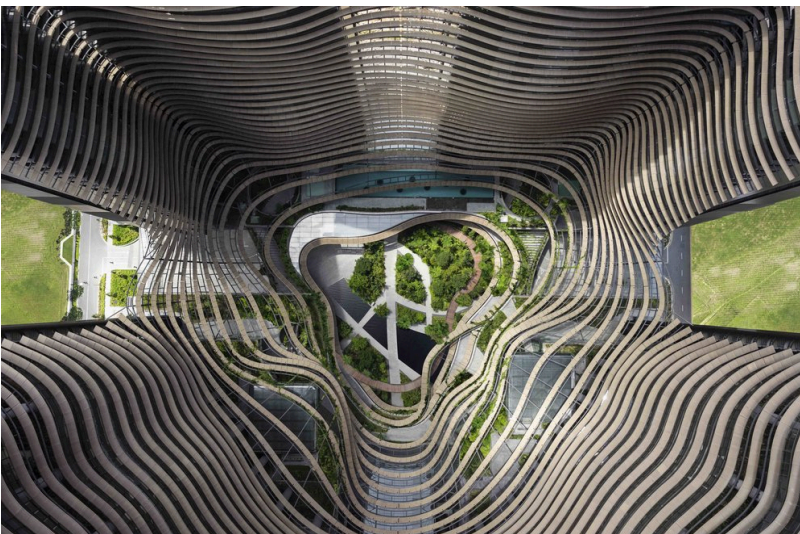
Changi Airport - JEWEL Nursery



MARINA ONE



Marina One



Marina One aerial view



Changi Airport - JEWEL Nursery



Marina One Mixed development Singapore



Marina One Mixed development Singapore



Approach Road - Bengaluru International Airport



Park Royal @ UPS



OFC Greenwall @ Singapore



M1Nursery@ SG



Park Royal @SG



Leisure Park - Qatar



Leisure Park - Doha



Garden Boulevard - Bengaluru Airport



9 Hole Golf course at Hirco, Chennai



Design review, planning and execution of 9 hole golf course at Hirco, palace garden Chennai. Project value : 8.5 crores INR

Garden Boulevard @ BIA

