REQUEST FOR PROPOSAL (RFP)

for

Master Planning of Existing Engineering College Campus

K K WAGH EDUCATION SOCIETY

Hirabai Haridas Vidyanagari,
Amrutdham, Panchavati, Nashik, Maharashtra,
India 422003

www.kkwagh.edu.in

Content:

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MASTERPLANNING OF EXISTING ENGINEERING COLLEGE CAMPUS, NASHIK

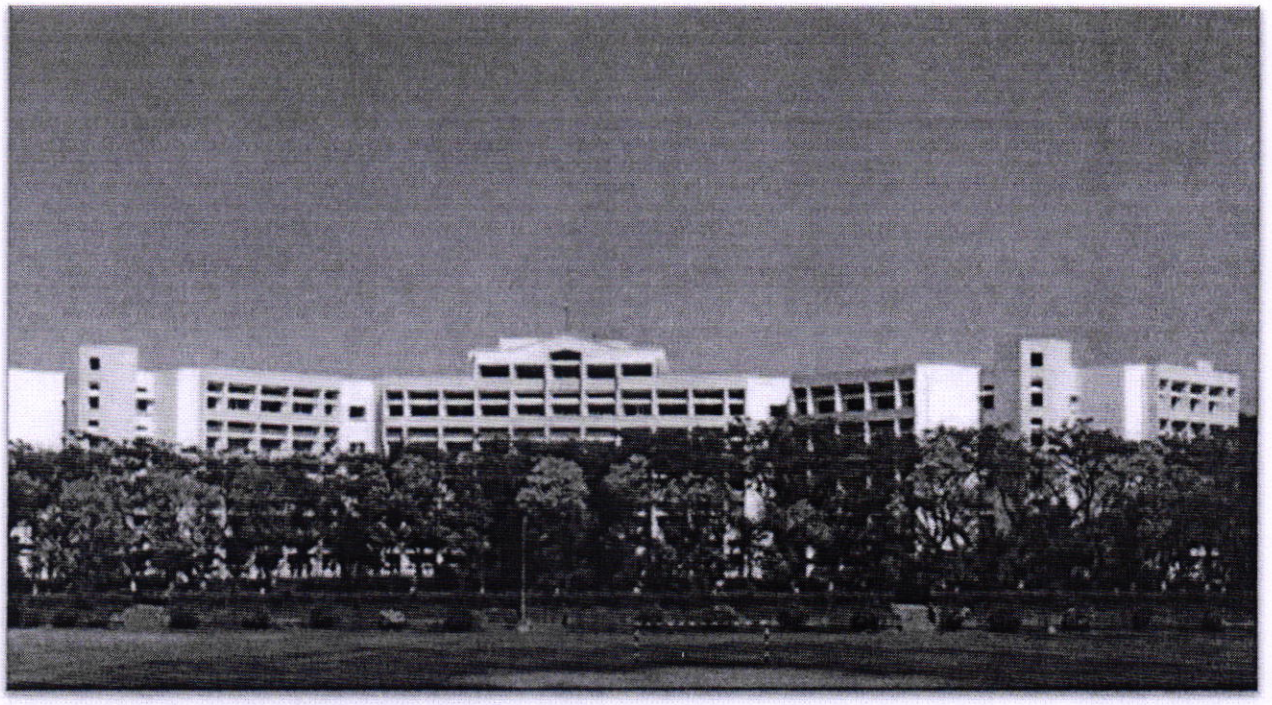
REQUEST FOR PROPOSAL (RFP)

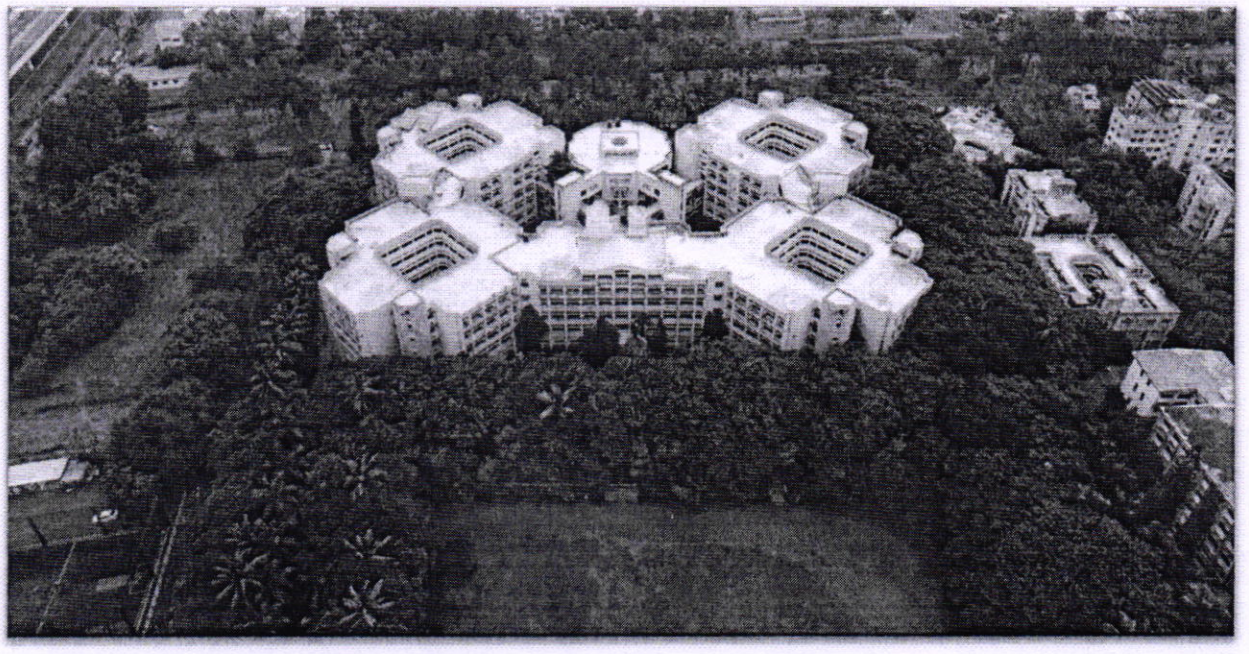
PROJECT OVERVIEW

Institution:	K K Wagh Education Society
Location:	K K Wagh Institute of Engineering Education and Research, Hirabai Haridas Vidyanagari, Amrutdham, Panchavati, Nashik, Maharashtra, India 422003
Google Location:	https://maps.app.goo.gl/YaBGmeZpowWUqmLNA
Project Type:	Comprehensive Campus Master Planning of Existing Engineering College Campus
Name of Work:	Consultancy Services for Planning, Designing and Redevelopment of Master plan for Existing Engineering Campus of K K Wagh Education Society, Nashik, India
Issue Date:	11th July 2025
Proposal Due Date:	25th July 2025
Time allowed for completion of Masterplan:	6-8 months
Estimated Project Duration:	In phased manner as required
Bid documents:	Bid documents can be seen on the website www.kkwagh.edu.in under the tab "Tenders" and are to be submitted in hard and soft copy format along with requisite documents
Address and venue of submission of bids:	The Secretary, K K Wagh Education Society, Hirabai Haridas Vidyanagari, Amrutdham, Panchavati, Nashik, Maharashtra, India 422003
Contact:	Prof Dr Dinesh M Chandwadkar, dmchandwadkar@kkwagh.edu.in +91 9422247389

1. EXECUTIVE SUMMARY

The K K Wagh Education Society seeks qualified planning and design consultants to develop a comprehensive Master Plan that will guide the institution's physical development over the next 10-20 years. This master planning exercise aims to optimize the existing campus infrastructure, identify development opportunities, enhance academic and research capabilities, and create a sustainable framework for future growth. The selected consultant will work collaboratively with faculty, students, staff, and community stakeholders to create a vision that supports academic excellence, fosters innovation, and promotes sustainable campus operations while maintaining the institution's commitment to engineering education and research advancement. The goal is to make the campus future-ready and to attract Gen Z and Gen Alpha students to the campus. See the various images of campus below.





2. INSTITUTIONAL BACKGROUND

The K. K. Wagh Education Society operates from a well-established 20.21-acre campus with a total built-up area of approximately 57,835 square meters. The campus serves a thriving academic community comprising over 7,000 undergraduate students, more than 600 postgraduate students, and a dedicated team of 825+ faculty and staff members across various departments.

This integrated educational campus houses several key institutions and facilities, including the Engineering College, Polytechnic Institute, and Pharmacy College. Supporting infrastructure includes separate hostels for boys and girls, an AICTE-approved IDEA Lab, multiple technical workshops, a guest house, the Principal's quarter, student mess and cafeteria, and a comprehensive suite of indoor and outdoor sports facilities.

A defining feature of the campus is its mature and thoughtfully cultivated green landscape. A large central ground acts as a vibrant node for both academic and recreational gatherings. The entire campus is enveloped by hundreds of mature trees, carefully planted and nurtured over decades. This green cover is not only an ecological asset but also contributes to a distinct microclimate-maintaining temperatures that are typically 2–3°C lower than the surrounding urban environment. This cooling effect reflects the founders' vision of integrating nature with education, a philosophy evident across all K. K. Wagh campuses through their emphasis on greenery, sustainability, and long-term environmental stewardship.

The current physical infrastructure includes a mix of traditional and contemporary classrooms, specialized laboratories, research and innovation centers, administrative buildings, student residences, dining halls, and well-maintained recreational and sports zones. The institution's strong industry connect with organizations such as ABB, Bosch, Amazon, Siemens, and others has further enabled a vibrant culture of applied research, innovation, and high placement outcomes.

However, with increasing student intake, evolving pedagogical practices, and the fast-paced integration of new technologies in education, there is a clear and timely need for a comprehensive master planning exercise. This master plan must holistically reevaluate the current & future:

- spatial organization,
- development strategy, and
- infrastructure potential of the campus

Ensuring future-readiness while preserving the unique ecological and academic character of K. K. Wagh.

2.1 Current Campus Statistics:

- Total Campus Area: 20.21 acres
- Total Built-up Area: 57,835 sqm
- Current Student Enrollment: 7060 undergraduate, 600 post graduate
- Faculty & Staff (campus): 825+ personnel

2.2 Academic Programs:

- **Engineering:**

Undergraduate Programs offering B Tech Degree

Sr. No.	Branch	Year of Establishment	Current Intake
1	Computer	1984	120
2	E & TC	1984	120
3	Civil	1985	120
4	Mechanical	1995	120
5	Electrical	1996	120
6	Chemical	1999	60
7	IT	2001	120
8	AI & DS	2020	120
9	Robotics & Automation	2020	120
10	Computer Science & Design	2021	60
		TOTAL	**1080**

Post Graduate programs offering M Tech Degree:

Sr. No.	Branch	Specialization	Year of Establishment	Intake
1	M. Tech (Electrical)	Power Systems	2011	18
2	M. Tech (Civil)	Structures	2007	18
4	M. Tech (E&TC)	VLSI and Embedded system	2010	18
5	MCA		2007	120
6	MBA		2008	120
			TOTAL	**294**

Research Centers offering doctoral qualification: Production Engineering, Civil, Electrical, Computer, and E & TC Engineering

- **Polytechnic:**

Programs offering Diploma

Sr. No.	Branch	Year of Establishment	Current Intake
1.	Mechanical	1983	120
2.	Electrical	1983	120
3.	Computer Technology	1986	180
4.	Chemical	1998	60
5.	Information Technology	2001	120
6.	Civil	2003	60
7.	AI & ML	2021	120
		TOTAL	**780**

- **Pharmacy (Diploma, Degree and Post graduation)**

Sr. No.	Program	Year of Establishment	Current Intake
1.	B Pharmacy	2017	100
2.	M Pharmacy (Pharmaceutical Quality Assurance)	2024	15
3.	M Pharmacy (Pharmaceutics)	2024	15
4.	D Pharmacy	2021	60
		TOTAL	**190**

3. PROJECT OBJECTIVES

3.1 Primary Objectives:

- **Campus Assessment**

The primary objective of this master planning initiative is to conduct a comprehensive assessment of existing facilities and infrastructure while identifying strategic opportunities for campus enhancement and expansion.

- **Growth Planning**

The planning process will focus on redefining current and future academic programming requirements to align with contemporary engineering education trends and industry demands. Special emphasis will be placed on analyzing the campus plot potential for additional built-up area, considering both horizontal expansion opportunities and vertical development possibilities where appropriate.

- **Academic Programming**

The master plan will establish a framework for upgrading existing buildings and infrastructure systems to meet current accessibility standards, technological requirements, and sustainability benchmarks. The planning process will integrate considerations for future enrollment growth, evolving research needs, and changing pedagogical approaches that emphasize collaborative learning, interdisciplinary studies, and hands-on experiential education.

- **Infrastructure Optimization**

Additionally, the plan will address infrastructure optimization including utility systems, transportation networks, information technology backbone, and campus-wide connectivity requirements.

- **Sustainability Integration**

Sustainability integration represents a critical component of the planning objectives, incorporating green building practices, renewable energy systems, water conservation measures, and waste reduction strategies.

- **Community Integration**

The master plan will focus on enhancing internal connectivity between different departments and functional areas such as Engineering, Polytechnic, Pharmacy, library, hostels, and shared student infrastructure.

The planning process will establish implementation priorities with realistic timelines and budget considerations, ensuring the master plan serves as a practical roadmap for institutional development rather than merely an aspirational document.

3.2 Specific Deliverables

- Current state analysis and space audit
- Future enrollment projections and space programming
- Site development capacity analysis
- Phased development recommendations (5, 10, 20-year horizons)
- Infrastructure upgrade priorities
- Sustainability and resilience strategies
- Implementation timeline and cost estimates

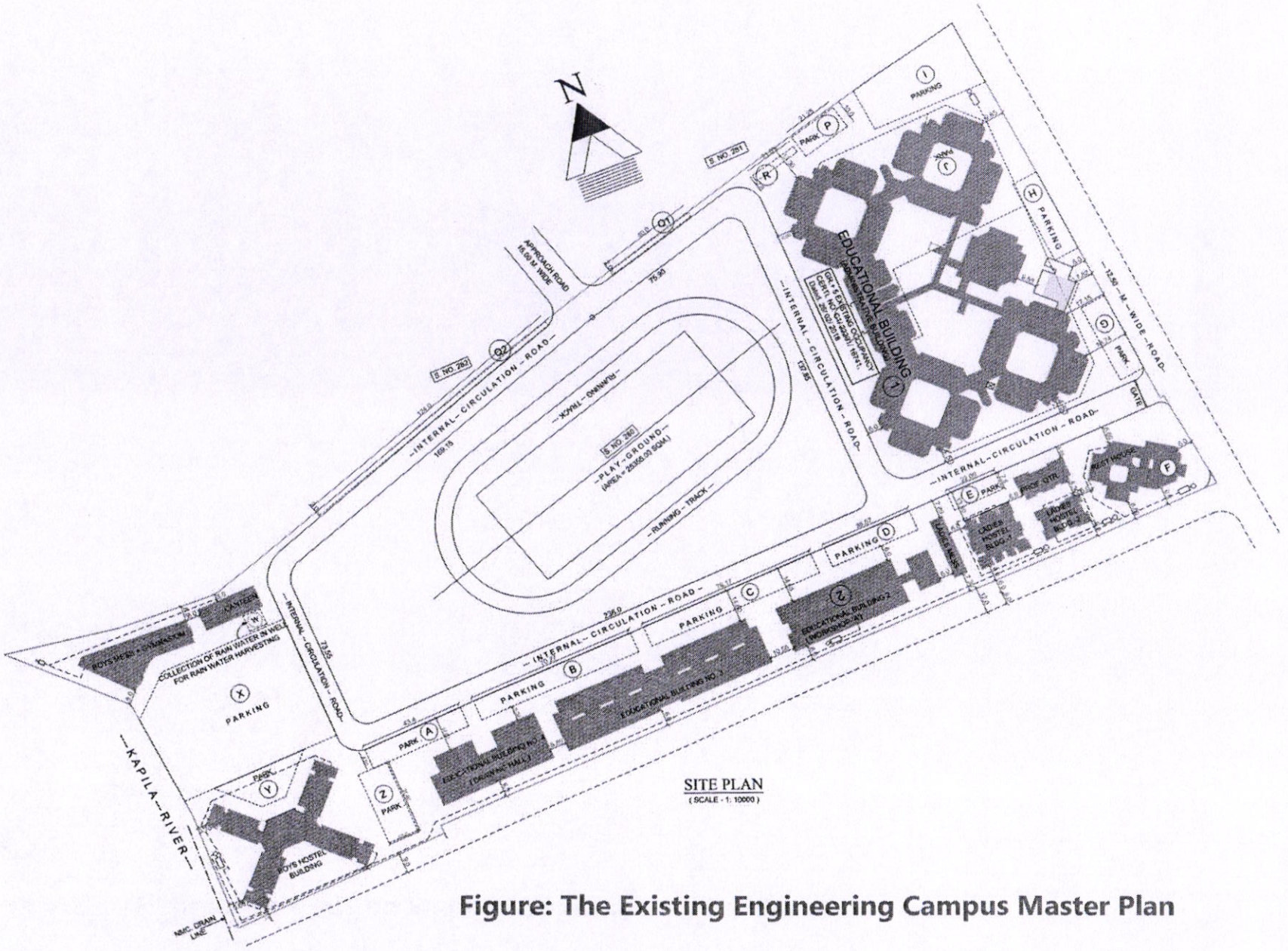
4. BROAD SCOPE OF CONSULTANCY SERVICES

K. K. Wagh Education Society seeks comprehensive consultancy services for preparing a Campus Master Plan for its 20-acre educational campus. The objective is to envision a modern, sustainable, and smart campus aligned with institutional goals and regulatory frameworks. The consultant will be responsible for delivering detailed planning, design, and execution strategies as per the requirements.

Key Challenges to Address

The master plan must address the following core issues identified on campus:

- Limited parking and single-entry circulation
- Inefficient pedestrian movement and vertical transport
- Underdeveloped landscape and utility infrastructure
- Lack of a central student activity center and collaborative spaces
- Insufficient fire & safety compliance and signage systems
- Non-visible campus buildings from the main road
- Overcrowded hostels, absence of an auditorium and lecture hall complex
- Lack of outdoor displays and renewable energy integration



SITE PLAN
(SCALE - 1: 10000)

Figure: The Existing Engineering Campus Master Plan

Area Statement

Sr No	Description	Area in Sq M
1.	Area of Plot (Minimum area of a, b, c to be considered)	81800.00
a)	As per ownership document (7/12, CTS extract)	81800.00
b)	As per Measurement Sheet	-
c)	As per Site	-
2.	Deduction for	
a)	Proposed DP Road/ DP Road widening area	5029.05
b)	Any DP reservation area	-
3.	Gross Area of Plot (1-2)	76770.95
4.	Recreational Open Space	
a)	Required	-
b)	Proposed	-
5.	Amenity Space	
a)	Required	-
b)	Proposed	-
6.	Service Road and Highway widening	-
7.	Internal Road Area	-
8.	Net Area of Plot = {3 – 5(b)}	76770.95
9.	Built up area with reference to basic FSI As per front road width (76770.95 X 1.10)	84448.045
10.	Addition of Area for FSI	
a)	In SITU area against DP Road	5029.05
b)	In SITU area against amenity space	-
c)	Premium FSI Area (Subject to maximum of 0.5 of Sr No 8)	38385.475
d)	TDR area (Subject to maximum of 0.65 of Sr No 8) (49901.12 – 5029.05) = 44872.07)	44872.07
e)	Additional FSI Area under chapter VIII	-
	(TOTAL of a+b+c+d+e)	88286.595

Sr No	Description	Area in Sq M
11.	Total Area available (9+10)	172734.64
12.	Maximum Utilization of FSI permissible as per road width (as per Regulation No. 15.4) (76770.95 X 2.25)	172734.64
13.	Total Built-up area in proposal (Excluding area at Sr No 15. b)	60120.983
a)	Existing built-up area	57835.939
b)	Proposed built-up area	2285.044
	TOTAL Built-up Area	60120.983
14.	FSI Consumed (13 / 8) Should not be more that serial no. 12 above)	0.783
15.	Area for inclusive housing, if any	-
a)	Required (20% of Sr No 9)	-
b)	Proposed	-

The scope of work encompasses three distinct phases designed to thoroughly analyze current conditions, develop comprehensive planning solutions, and establish clear implementation strategies.

PHASE I: ASSESSMENT & ANALYSIS

This phase aims to build a detailed understanding of the existing campus conditions and stakeholder expectations, including a comprehensive evaluation of indoor facilities such as classrooms, laboratories, workshops, hostels, dining spaces, sports and recreation areas. It will also include an audit of all wet and dry utility systems to assess current capacity, condition, expected lifespan, and future upgrade needs. GIS-based mapping of these infrastructure assets will support lifecycle and phased maintenance planning. Current mobility concerns about non-vehicular and vehicular flow within the campus, along with the parking needs.

1. Existing Conditions Analysis

- Comprehensive survey of all facilities and infrastructure
- Evaluation of building integrity, utilities, and accessibility
- Analysis of space utilization and infrastructure capacity
- Environmental and sustainability audits

2. Academic Program & Infrastructure Needs

- Forecast of space requirements based on program growth
- Analysis of lab/research needs for emerging disciplines
- Review of smart campus technologies and IT infrastructure

3. Stakeholder Engagement

- Workshops and interviews with faculty, staff, students, alumni, industry, and community representatives to gather insights on needs and aspirations

PHASE II: PLANNING & DESIGN

This phase focuses on formulating development strategies and spatial design concepts, with a particular emphasis on circulation planning that promotes exploratory movement across academic disciplines, buildings, and across the campus in general. The layout should facilitate serendipitous cross-departmental interaction and informal engagement zones. A mobility strategy prioritizing pedestrian safety and segregating vehicular and non-vehicular transport should also be the focus. Provisions for smart campus infrastructure, including energy monitoring, adaptive planning tools, and asset tracking systems, should be integrated where feasible.

1. Master Plan Development

- Land use analysis and capacity studies
- Scenario modeling and concept selection through consultation
- Space programming for academic, residential, and support facilities

2. Precinct and Facilities Planning

- Academic & research zoning to encourage collaboration
- Student life, housing, dining, and recreational facilities
- Parking, mobility, and public transport strategies

3. Utilities and Sustainability Planning

- Power, water, sewerage, CCTV, Telephone and ICT network planning
- Renewable energy, efficiency measures, and waste management

PHASE III: IMPLEMENTATION STRATEGY

This phase defines execution timelines, costs, and project delivery modes. It will also present a Prioritized Infrastructure Improvement Plan (IIP) categorized by urgency and budget, along with a lifecycle-based roadmap for critical infrastructure replacements, maintenance scheduling, and long-term cost optimization.

1. Phasing Plan

- Short-term (0–5 years), mid-term (5–10 years), and long-term (10–20 years) developments

2. Budgeting and Funding

- Cost estimation and funding strategies including public-private partnerships

3. Approvals and Delivery

- Regulatory roadmap and recommended delivery models to ensure seamless execution

The masterplan should be aligned with and should actively support the United Nations Sustainable Development Goals (SDGs). The masterplan should envision a digitally empowered, future-ready campus with smart features like digital infrastructure, smart mobility, use of IoT, and smart campus safety.

5. SPECIFIC FOCUS AREAS

5.1 ACADEMIC FACILITIES:

Academic facilities planning represents a fundamental component of the master planning process, addressing the need for classroom modernization through flexible, technology-enabled learning spaces that can adapt to various teaching methodologies and class sizes. Laboratory expansion requirements will accommodate specialized facilities for emerging engineering fields. The existing labs are also to be modernized as per present-day requirements. Research center development will provide dedicated spaces for interdisciplinary research initiatives that cross traditional departmental boundaries while fostering collaboration between faculty members and graduate students.

Maker spaces and innovation laboratories will support hands-on learning experiences, prototype development, and entrepreneurial activities that bridge academic study with practical application. Industry collaboration spaces including incubators, technology transfer facilities, and partnership centers will strengthen connections between academic programs and private sector organizations, creating opportunities for research commercialization and student internship programs.

Summary:

- **Classroom modernization**: Shift to flexible, technology-enabled spaces adaptable to varied teaching methods and class sizes.
- **Laboratory expansion**: New labs for emerging fields and modernization of existing labs
- **Research centers**: Spaces promoting interdisciplinary research and collaboration between departments, faculty, and graduate students.
- **Maker spaces & innovation labs**: Facilities for hands-on learning, prototyping, and entrepreneurship.
- **Industry collaboration areas**:
    - Incubation centers
    - Technology transfer facilities
    - Partnership hubs for research commercialization and internships

5.2 STUDENT LIFE & AMENITIES:

Student life and amenities planning will analyze residential facility capacity to determine optimal on-campus housing availability that supports student retention and campus

community development. In addition, internal pedestrian circulation will be reimagined to encourage intuitive, walkable connections between key academic, recreational, and residential zones, fostering chance encounters and informal cross-disciplinary interaction. A thorough assessment and redesign of current vehicular and pedestrian routes will be conducted to enhance safety and reduce conflict zones. Dining services optimization will consider current food service operations and expansion opportunities that accommodate diverse dietary requirements and social dining preferences. Recreation and wellness facilities including fitness centers, intramural sports facilities, and outdoor recreational spaces will promote student health and provide stress relief opportunities essential for academic success.

Student organizations and community gathering spaces will serve as focal points for campus social activities, student organization meetings, and informal collaboration among students from different academic disciplines. Transportation planning will address parking capacity, shuttle services connecting various campus locations (if possible), and bicycle infrastructure that promotes sustainable transportation alternatives while reducing vehicular traffic congestion.

Summary:

- **Residential facilities**: Analysis of housing capacity to support student retention and community building. Right-sized, community-focused residential facilities.
- **Dining services**: Expanded, inclusive of diverse dietary and social needs.
- **Recreation & wellness**: Development/ upgradation of fitness centers, sports spaces, and outdoor recreational areas to promote health and stress relief.
- **Student union & gathering spaces**: Social hubs for student events, organization activities, and cross-disciplinary interaction.
- **Transportation**:
    - Parking capacity assessment. Suggest new parking avenues
    - Shuttle service enhancements
    - Bike-friendly infrastructure

5.3 INFRASTRUCTURE & SUSTAINABILITY:

Infrastructure and sustainability focus areas will examine utility systems requiring capacity upgrades and redundancy planning to ensure reliable service during peak demand periods and emergency situations. A detailed utility lifecycle assessment will be carried

out to define intervention schedules and replacement triggers based on condition and performance. Infrastructure data will be managed via a GIS-based platform (or similar) to track asset condition, proposed improvements, and future maintenance needs. Information technology infrastructure will encompass campus-wide connectivity improvements, smart building systems integration, and computational resources supporting both academic instruction and research activities. Energy systems planning will investigate renewable energy integration opportunities including solar installations, geothermal systems, and energy storage solutions that reduce operational costs while demonstrating environmental stewardship.

Water management strategies will address stormwater management systems that prevent flooding while capturing precipitation for irrigation and other non-potable uses. Comprehensive waste management programs will promote waste reduction, recycling initiatives, and composting systems that minimize environmental impact while providing educational opportunities for students studying environmental engineering and sustainability topics.

Summary:

- **Utility systems**: Upgrades for capacity, redundancy for reliability, and emergency resilience. Suggest new utility system routes.
- **IT infrastructure**: Enhanced connectivity, smart building integration, and academic/ research-ready computing support.
- **Energy systems**: Exploration of renewable sources like solar, wind, and energy storage to cut costs and support sustainability (carbon savings).
- **Water management**: Stormwater systems and rainwater harvesting for flood prevention and irrigation use.
- **Waste management**: Programs for waste reduction, recycling, and composting - with student learning value.

6. DELIVERABLES

The deliverables for this master planning consultancy are aligned with the three core phases described under the Scope of Services. The consultant shall provide structured outputs that document assessment, visioning, planning, and implementation strategies. All deliverables shall be submitted in editable formats (Word, Excel, CAD, GIS, 3D as applicable), in georeferenced and layered formats where needed, along with high-quality PDFs and printed copies.

These deliverables are indicative and minimum in nature. The consultant is expected to propose refinements or additions to ensure the master plan is both visionary and actionable.

PHASE I: ASSESSMENT & ANALYSIS DELIVERABLES

This phase establishes the foundation for planning by comprehensively documenting the existing conditions of the campus and understanding stakeholder aspirations. It covers physical infrastructure, spatial use, utilities, environmental assets, and feedback from the campus community.

6.1 Existing Conditions Report

This report will provide a detailed understanding of current campus facilities, their condition, and functional efficiency. It will serve as the reference baseline for future interventions and guide strategic decisions going forward.

- Comprehensive documentation of all physical assets: academic blocks, labs, classrooms, hostels, dining, admin, indoor and outdoor recreation.
- Assessment of structural integrity, code compliance, accessibility, and usability.
- Mapping and audit of all wet and dry utilities (power, water, sewerage, ICT) with existing capacities and spatial distribution.
- Infrastructure lifecycle evaluation: condition, lifespan, recommended interventions.
- GIS-based infrastructure asset maps for future lifecycle and budget planning.
- Analysis of vehicular, pedestrian, and service access patterns; identification of safety conflicts and inefficiencies.

- Environmental and microclimatic assessment including vegetation, shading, heat zones, topography, and water drainage.
- Annotated visual documentation: maps, diagrams, photos.

6.2 Stakeholder Engagement Summary

This document will synthesize the insights from workshops, interviews, and surveys conducted with faculty, staff, students, alumni, and other key user groups.

- Key aspirations and operational concerns captured through participatory processes.
- Thematic synthesis of feedback organized by academic, administrative, and student life domains.
- Highlighted ideas and needs mapped against functional zones .
- Photographic or diagrammatic representation of workshops (optional).

PHASE II: PLANNING & DESIGN DELIVERABLES

In this phase, analytical findings from Phase I are translated into spatial strategies, infrastructure logic, and early design proposals that reflect the institution's vision for a modern, sustainable, and inclusive campus.

6.3 Space Programming & Needs Assessment

This deliverable project future spatial requirements based on enrollment targets, curriculum changes, and departmental aspirations. It provides the numerical and functional basis for the proposed built environment.

- Academic growth projections and departmental space benchmarks.
- Area standards and performance benchmarks for key typologies: labs, classrooms, hostels, toilets, student lounges, staff rooms, etc.
- Shared space optimization and cross-departmental functional overlap.
- Accessibility and universal design parameters.
- Spatial implications for utility demands and support infrastructure.

6.4 Draft Master Plan Document

The draft master plan consolidates the spatial and infrastructure strategy into a preliminary development scenario, offering multiple alternatives where necessary and leading to a preferred concept.

- Zoning plans for academic, residential, open space, and support functions.
- Movement strategy emphasizing walkability, serendipitous cross-disciplinary interaction, and smooth vehicular/service flow.
- Conceptual built form and land use diagrams supported by 3D massing.
- Landscape and microclimate responsiveness strategies.
- Utilities and infrastructure overlays with future expansion logic.
- Diagrams explaining smart campus overlays and modularity.
- Rendered views for early feedback and discussion.

6.5 Precinct and Facilities Planning Report

This document zooms into key precincts like student housing, academic zones, administrative clusters, recreation belts, and informal gathering spaces.

- Spatial clustering for better identity, interaction, and operational synergy.
- Design strategies for flexible, multi-functional precincts.
- Informal spaces and nodes for student/faculty engagement.

6.6 Utilities and Infrastructure Strategy

Based on the existing infrastructure condition and future space needs, this document will recommend an integrated infrastructure enhancement roadmap.

- Redesigned utility networks (power, water, ICT, security, waste) across campus.
- Planning of smart systems: energy monitoring, asset tracking, adaptive lighting.
- Green infrastructure and resource efficiency pathways (solar, water reuse, etc.).
- Future capacity planning aligned with growth projections.

PHASE III: IMPLEMENTATION STRATEGY DELIVERABLES

This phase ensures that the master plan translates into a phased, feasible, and fundable roadmap for the institution, including technical, financial, and regulatory considerations.

6.7 Final Master Plan Document

This report shall be the definitive reference document, integrating all feedback from the draft stage, and ready for approval and execution.

- Executive summary, final zoning and circulation maps, and strategic overlays.
- Consolidated drawings and implementation-ready diagrams.
- All technical, infrastructure, and spatial planning narratives integrated.
- Editable formats: CAD, GIS, PDF, PPT decks.
- Board-level presentation deck and summary handout.

6.8 Implementation Strategy Report

This report provides a timeline, cost estimate, and actionable delivery framework.

- Phased development schedule: short (0–5 years), mid (5–10), long-term (10–20).
- Estimated capital investments and budgeting approach.
- Potential PPP/CSR funding and phasing models.
- Approvals, sequencing, and regulatory coordination.

6.9 Prioritized Infrastructure Improvement Plan (IIP)

This document will help the institution plan upgrades systematically based on lifecycle and urgency.

- GIS-linked condition and criticality matrix of infrastructure assets.
- Visual priority maps, intervention year plans, and budget estimates.
- Phased investment roadmap for optimal performance and lifecycle extension.

CROSS-CUTTING DELIVERABLES

These outputs cut across the three phases and provide design continuity, stakeholder engagement tools, and institutional decision-making support.

6.10 Design Guidelines Booklet

This document will establish the vocabulary and parameters for future campus construction and public realm development.

- Guidelines for massing, facades, shading, circulation edges, and campus identity.
- Detailed standards for labs, toilets, classrooms, lounges, hostels, walkways, etc.
- Principles for timeless, climate-responsive, modular built environments.
- Universal accessibility and inclusive design strategies.

6.11 Sustainability and Smart Campus Report

A consolidated guide to achieving long-term resilience, sustainability, and intelligent campus operations.

- Water, energy, waste, and biodiversity frameworks.
- Smart infrastructure: metering, dashboards, usage analytics.
- Digital governance and systems integration strategies.
- Landscape ecology and heat island mitigation.

6.12 Digital Models and Visualization Tools

To aid communication, internal decision-making, and future fundraising, the consultant shall submit:

- 3D master plan models (SketchUp/Revit/Rhino/etc.).
- Flythrough or walkthrough animations.
- Georeferenced planning layers (CAD/GIS).
- Presentation decks for internal and public audiences.

6.13 Presentation Milestones

To ensure alignment throughout the engagement:

- Bi-monthly progress meetings and working sessions.

- Three stakeholder-facing workshops: Draft Concept, Preferred Plan, Final Plan.
- Final Board of Trustees presentation.

Summary of Deliverables

- Existing Conditions Report
- Stakeholder Engagement Summary
- Space Programming & Needs Assessment
- Draft & Final Master Plan
- Precinct & Facilities Planning
- Circulation & Mobility Strategy
- Utilities & Infrastructure Strategy
- Prioritized Infrastructure Improvement Plan (IIP)
- Implementation Strategy
- Design Guidelines Booklet
- Sustainability and Smart Campus Report
- 3D Models, Walkthroughs, and GIS/CAD Files
- Presentation Decks and Summary Handouts

7. CONSULTANT QUALIFICATIONS

The institution seeks consultants with extensive experience in campus master planning, particularly for higher education institutions with technical and scientific programs. Qualified consultants must demonstrate a minimum of fifteen years' experience in campus master planning projects, with specific expertise in engineering and technical institution planning preferred. The consulting team must include licensed architects and professional planners with demonstrated competent in higher education facility planning and campus development.

Portfolio requirements include completed higher education projects demonstrating successful master plan implementation and measurable improvements in campus functionality and student experience. Experience with phased campus development projects that have been successfully implemented over multiple years will be highly valued, as will demonstrated expertise in sustainability and green building practices that have achieved measurable environmental and economic benefits.

Preferred qualifications include specific experience with STEM facility design, understanding the unique requirements of laboratory planning, research facility development, and technology infrastructure integration. Smart campus technology experience including building automation systems, energy management platforms, and integrated campus information systems will be advantageous.

The consulting team should include LEED (or equivalent) accredited professionals or equivalent sustainability credentials demonstrating commitment to environmental stewardship and resource efficiency. Experience with community engagement processes and stakeholder consultation methodologies will ensure effective communication throughout the planning process.

8. PROPOSAL REQUIREMENTS

8.1 Proposal Format

Section A: Executive Summary (2 pages max)

Section B: Project Understanding (4 pages max)

Section C: Methodology and Approach (6 pages max)

Section D: Project Team and Qualifications (8 pages max)

Section E: Relevant Project Experience (10 pages max)

Section F: Project Schedule (2 pages max)

Section G: Fee Proposal (Separate sealed envelope)

Proposal submissions must follow the specified format requirements to ensure consistent evaluation across all submissions. The Executive Summary, limited to two pages, should concisely communicate the consultant's understanding of project objectives and proposed approach to master plan development. The Project Understanding section, limited to four pages, should demonstrate comprehension of the institution's unique characteristics, challenges, and opportunities for campus enhancement.

The Methodology and Approach section, limited to six pages, should detail the consultant's proposed process for conducting the master planning study, including specific techniques for stakeholder engagement, analysis methods, and design development processes. The Project Team and Qualifications section, limited to eight pages, should introduce key personnel who will work on the project, documenting their relevant experience and specific roles in the planning process.

Relevant Project Experience, limited to ten pages, should showcase similar projects completed by the consulting team, emphasizing outcomes achieved and lessons learned that will benefit this planning effort. The Project Schedule section, limited to two pages, should present a realistic timeline for project completion including major milestones and deliverable dates.

Fee Proposal must be submitted in a separate sealed envelope and should provide detailed cost estimates for all project phases including professional services, subconsultant fees, travel expenses, and other project-related costs.

8.2 Technical Requirements

- 11-point minimum font size
- Standard A4 or A3 format
- 1 hard copy + 1 digital copy must be submitted by the specified deadline, and late submissions will not be accepted under any circumstances
- Include project references and contact information

9. EVALUATION CRITERIA

Proposal evaluation will consider multiple criteria with weighted scoring reflecting the relative importance of each evaluation factor. Project Understanding and Approach will receive twenty percent weighting, recognizing the importance of demonstrating comprehension of institutional needs and presenting a logical methodology for master plan development. Team Qualifications and Experience will also receive twenty percent weighting, emphasizing the critical importance of having experienced professionals leading the planning process.

Relevant Project Portfolio will account for twenty percent of the evaluation, focusing on demonstrated success in similar planning projects and measurable outcomes achieved for other institutional clients. Technical Methodology will receive fifteen percent weighting, evaluating the sophistication and appropriateness of proposed analysis techniques and planning processes. Schedule and Project Management capabilities will account for ten percent of the evaluation, considering the consultant's ability to deliver quality results within specified timeframes. Fee Proposal will receive fifteen percent weighting, recognizing that while cost considerations are important, the primary focus should be on securing the most qualified consulting team.

Criteria	Weightage
Project Understanding & Approach	20%
Team Qualifications & Experience	20%
Relevant Project Portfolio	20%
Technical Methodology	15%
Schedule & Project Management	10%
Fee Proposal	15%

10. SUBMISSION REQUIREMENTS

Submit proposals to:

The Secretary,

K K Wagh Education Society,

Hirabai Haridas Vidyanagari, Amrutdham, Panchavati, Nashik - 422003

secretary@kkwagh.edu.in

Submission Deadline: 25th July 2025, up to 5pm

Late submissions will not be accepted

11. CONTACT INFORMATION

Primary Contact:

Prof Dr Dinesh M Chandwadkar,

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K K Wagh Education Society reserves the right to reject any or all proposals and to negotiate with selected consultants as deemed appropriate for achieving the best value and most successful project outcome. This RFP represents a comprehensive approach to engineering college campus master planning, and the selected consultant will work closely with the institution to create a vision that supports academic excellence, research innovation, and sustainable growth while fostering a vibrant campus community that prepares students for successful engineering careers and meaningful contributions to society.

12. Documents Available for Review

Sr No	Description
1.	Area Statement of Campus
2.	Floor Plans – Boys Hostel
3.	Floor Plans – Canteen
4.	Floor Plans – Engineering College Building
5.	Floor Plans – Girls Hostel 1
6.	Floor Plans – Girls Hostel 2
7.	Floor Plans – Gym and Dining Hall
8.	Floor Plans – Innovation Centre
9.	Floor Plans – Ladies Mess
10.	Floor Plans – New Civil lab building
11.	Floor Plans – Pharmacy Building
12.	Floor Plans – Polytechnic Building
13.	Floor Plans – Professor Quarters
14.	Floor Plans – Rest House
15.	Underground Water tank
16.	Campus Master Plan
17.	Campus Contour Plan *(Geolocated)*
18.	Campus Utilities' Plan *(Geolocated, capacities identified)*

End of Document

For any queries regarding this document or the selection process, contact:

K K Wagh Education Society

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Thank you for your interest in partnering with us to build a benchmark campus for future generations.