



FUTURETECH INTEGRATED SOLUTIONS LLP

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Vision:

- To be a valued partner to our clients and an asset to our communities
- We will undertake and deliver any project, regardless of size, which we pursue
- To provide a differentiated offering resulting in value-for-value returns
- We will have the financial strength required to support our business objectives

Mission: Mission Statement

Our mission is to guide our clients through the process of strategic change. We support strategic and tactical responses to the challenges and opportunities posed by globalisation, technology and competition. Our role is to act as a trusted advisor, providing objective and results-oriented analysis, solutions and implementation.

This mission is expressed in our corporate motto: Guiding Clients through Change

Our Goal:

We Futuretech Group, are located at Pune (Maharashtra, India). As a trustworthy service provider, we are indulged in offering high quality Feasibility Studies Reports, Survey & Planning Services, Geotechnical Investigation Services, Design & Development Services, socio-economic studies, capacity building and training to beneficiaries in the projects, Projects Report Details Services, etc. The provided services are conceptualized with customer-centric approach to bring the highest contentment to our patrons. The offered services are imparted in strict adherence to the international quality norms. These services are highly accredited by our customers for their on-time completion, dependability and reliability.

We have well versed team with vast years of experience, consisting of engineers, geologists, GIS Experts, quality analysts, administrative personnel, technocrats and skilled workforce. These experts are trained to understand all types of needs and expectations of project authorities. The offered solutions are appreciated among our customers for their promptness and high accuracy. We are a client conscious firm and always strive hard to offer the finest quality solutions to our esteemed customers to achieve their utmost contentment. The propensity to offer accurate and desired outcome through our services has allowed us to exhibit an outstanding track record in the market for an extended period.



Work Methodology:

A. Advanced ARC GIS Desk:

Our Advance GIS Desk guides and undertakes many projects for GIS mapping of Infrastructures in Irrigation, roads, Tunnels and planning of agriculture in command areas of major projects. The Advantages of GIS in irrigation: It Can Control

- the crops using satellite images
- Drought proofing can be done
- Crop harvesting time can be stated
- Schedule system can be located by using GIS

GIS application in agriculture has been playing an increasingly important role in crop production throughout the world by helping farmers in increasing production, reducing costs, and managing their land resources more efficiently. GIS application in agriculture such as agricultural mapping plays a vital role in monitoring and management of soil and irrigation of any given farm land. GIS agriculture and agricultural mapping act as essential tools for management of agricultural sector by acquiring and implementing the accurate information into a mapping environment.

Futuretech uses different spatial, spectral and temporal resolutions for:

- Crop mapping yield estimation
- Crop assessment and Crop health
- Irrigated landscape mapping
- Application development for GIS agriculture
- Soil and irrigation amendment analysis
- Suitability assessment studies
- Erosion identification and remediation
- Agricultural mapping for detailed vegetation cover and monitoring
- Change detection studies and developing crop models
- Damage and land degradation assessment studies
- Elevation models for efficient drainage
- Supervised unsupervised classification
- Geo tagging
- Flow analysis for a given area
- Area slope and drainage analysis
- GPS-controlled solution is installed on the pivot, and growers can remotely control their irrigators.

We use Device controlling using GIS in following areas:

- Wireless sprinkler controllers to manage the watering of the field remotely using smart device
- Integrate real-time weather forecast data



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- Controls systems in the world using home Wi-Fi and Ethernet connection
- Sync with moisture sensors installed in the field

B. Project Execution Support Desk:

This Desk gives consultancy and support for projects in Excavation in difficult terrain, Excavation in hard rock in urban areas and restricted areas, projects in Tunnelling, organic farming promoted by farmer's producer companies in various parts of the country including North – east

C. Integrated Support Desk:

This Desk supports any major projects from various angles like technical, socio-economic, socio-political and financial planning for timely completion of projects in irrigation, water supply and other infra projects.





Company profile in brief

Futuretech is pioneer in PDN in Maharashtra having designed first large scale PDN project in Maharashtra named Gunjawani PDN project which provides ready for micro irrigation pressurized water to farmers without any expenses of electricity (Work Awarded to L&T) and the largest PDN project in Maharashtra named Jigaon in Buldhana district of approx. 1,00,000 ha.

Futuretech is having long experience in Development of water resources planning, designing and executing small to mega projects

- The core strength of company is Decentralized water resource management and planning of projects
- All Directors and associated members are working in the above sectors for more than 25 years
- Futuretech is having its in house team for architectural, Engineering, design and execution of projects including soil investigation, Technical surveys geology and RCC designs. Directors and Associated persons are from faculties like Civil Engineering, Project Management, Water resource Engineering., horticulture experts, Agriculture business management, community infrastructure, Social sciences and Architecture planning and execution. We are also well versed with project liasoning, bringing in innovations in the ongoing projects



Associated members:

Sr. No.	Name of company or personnel	Prime Experience/expertise
A.	WPN Food Processing Pvt. Ltd.	-Decentralized and major river basin planning -Conceptual planning of PDN projects in Maharashtra
E.	Mr. U. K. Apte	Senior consultant and expert for our technical team training, crop water planning and designing of various water resources projects
F.	Mr. S. D. Naik	Director, WPN Group, associate members and National level expert in WUA training, capacity building and Fostering of WUAs in minor, medium and major projects in India
G.	Mr. Sachin Sonawane	Consultant in Civil Engineering for construction of pumping stations, Major bio- gas plants and execution of PDN projects



Our Team:

Our Manpower consists of Surveyors, Irrigation designers and Hydraulic modelers, drafters, WUA experts, Structural Design team, Electro-mechanical team and Site Engineers etc.

No.	Name	Educational Qualification	Designation	Professional Experience in Years
1	Mr. Suneel V. Waman	M. Tech (WATER Resources)	Partner	30
2	Mr. Ulhas K. Apte	Civil Engineer	Senior Advisor (Irrigation)	52
3	Mr. Sandeep D. Naik	M.A.(Sociology)	HEAD- ISA, WUA EXPERT	25
4	Mr. Prashant Kokane	B.E. (CIVIL)	Team Leader (PDN)	18
5	Mr. Ameya Gurjar	B.E. (CIVIL)	Design Engineer	5
6	Mr. Salim mallik Shaikh	B.E. (CIVIL)	Design Engineer	5
7	Mr. Ruturaj Nanaware	B.E. (CIVIL)	Engineer On site	7
8	Mrs. Swapna Kulkarni	M.Tech. (CIVIL)	Senior Design Engineer (WSS)	10
9	Mrs. Prajakta Pawar	B.E. (CIVIL)	Design Engineer (WSS)	7
10	Ms. Rutuja Bhasme	M.TECH. (WATER RESOURCES)	Design Engineer (WSS)	4
11	Mr. Kailas Pathare	Graduate	Project Co-coordinator & ISA, WUA Expert	15
12	Mr. Ajit Vasav	Graduate	Project Co-coordinator & ISA, WUA Expert	15
13	Mr. Navnath Jamdar	Graduate	GIS Analyst and Drafter	8
14	Mr. Yogiraj Sutar	D.C.E. (CIVIL)	Senior Surveyor	10
15	Mr. Yogesh Shewale	Graduate	GIS Analyst and Drafter	4



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16	Mrs. Seema Kirpekar	Graduate	HR and Office Admin	30
17	Mr. Jalinder Dhamale	Surveyor	Surveyor	16
18	Mr. Balasaheb Jaygude	Graduate	Surveyor	17
19	Mr. Rohan Shinde	Graduate	GIS Analyst and Drafter	1
20	Mrs. Varsha Bhoine	Graduate	GIS Analyst and Drafter	7
21	Mr. Ramesh Deokar	Graduate	GIS Analyst and Drafter	4
22	Rashmi Salunkhe	B.E. (CIVIL)	Junior Design Engineer (WSS)	3
23	Kajal Soni	B.E. (CIVIL)	Junior Design Engineer (WSS)	3
24	Shayu Solanke	B.E. (CIVIL)	Junior Design Engineer (WSS)	3



Work Experience:

List of Major Projects/assignments completed and details of work awarded including completion certificates if any:

Futuretech is pioneer in PDN in Maharashtra having designed first large scale PDN project in Maharashtra named Gunjawani PDN project which provides ready for micro irrigation pressurized water to farmers without any expenses of electricity (Work Awarded to L&T) and the largest PDN project in Maharashtra named Jigaon in Buldhana district of approx. 1,00,000 ha.

1. Gunjawani Project, Tal. Velhe, Pune (Maharashtra) – Conceptualization, planning, Preparation of DPR, Estimates and Pre-tendering works, finalizing of bids to Tendering of EPC contract.
2. Conceptual planning of Alternatives to existing/proposed canal system to Piped distribution network in Suicide prone Vidarbha region of Maharashtra. The assignment involves conceptual PDN planning for command areas and cost comparison with canal systems, savings of land required for acquisition and detailing of PDNs including training capacity building of Engineers of Water resources department. We have worked with following regions of Maharashtra



List of Projects Completed by us:

Sr. No.	Scope of work	Details of area (Approximate)	Remarks
1	Conceptualization, Survey, design, technical sanctions , estimates and preparation of tender document for Gunjawani PDN project	CCA 25000 ha CCA with pressurized system ready for micro-irrigation upto 3 ha. area	Fist PDN project in Maharashtra, Fully gravity based PDN project, Ready for Micro Irrigation, Work Awarded to L&T,
3.	Drone Survey, design, technical sanctions , estimates and preparation of tender document for LIS -1 group of Jigaon project in Buldhana district of Maharashtra	CCA 38000 ha CCA with pressurized system ready for micro-irrigation upto 3 ha. area	Tendered work, Work order enclosed, work is fully completed, Work completion certificate is enclosed, Tenders Published
4.	Drone Survey, design, technical sanctions, estimates and preparation of tender document for LIS -7 group of Jigaon project in Buldhana district of Maharashtra	17000 ha of CCA with pressurized system including automation upto 3 ha sub-chuk	Tendered work, Work order enclosed, work is fully completed, Work completion certificate is enclosed, Tenders Published
5.	Survey, design, technical sanctions , estimates and preparation of tender document for Katepurna barrage command area in Akola district of Maharashtra	CCA of approx. 9000 ha with pressurized system and upto 3 ha. chuk.	Tendered work, Work order enclosed, work is fully completed, Work completion certificate is enclosed, Work awarded



			to contractor, Tenders Published, works awarded
6	Survey, detailed designs, Technical sanctions, estimates and tendering work for Kudali project	4500 ha in Satara district of Maharashtra	Tendered work, Work order enclosed, work is fully completed
7	Preparation of DPR work for SVS in the district of Balrampur, CG under JJM awarded by PHED, CG	Approx. 450 villages in the state of Chhattisgarh	Tendered work, Work order enclosed, Survey completed, DPR's are in last stage of approval
8	Preparation of DPR work for MVS in the district of Balrampur, CG under JJM awarded by PHED, CG	6 MVS of total value 150 Cr. in the state of Chhattisgarh	Tendered work, Work order enclosed, Survey completed, DPR's are in last stage of approval
9	Preparation of DPR work for SVS in the district of Jashpur, CG under JJM awarded by PHED, CG	Approx. 250 villages in the state of Chhattisgarh	Tendered work, Work order enclosed, Survey completed, DPR's are in last stage of approval
10	Conceptualization, planning, Design, Preparation of DPR of Check Dams with Faser Composite Gates with animal crossings at various locations at Yavatmal Tiger Sanctuary for Maharashtra Forest Department	Approx. 300 Check Dams	Innovative Project, Work Order Attached
11	Conceptualization, planning, Design, Preparation of DPR Strengthening and Stabilization of Existing Minor	40 MI Tanks in Akkalkuwa, Akrani, Taloda, Shahada, Navapur and Nandurbar Talukas	Work order enclosed, work is fully completed, Technical Sanction certificate is enclosed,



	Irrigation Tanks and its Distribution Systems Through Piped Distribution Network	in the Tribal District of Nandurbar	Tenders Published. It's a highly innovative Project.
12	Surveying, Designing, Drawing & Sanctioning from Competent Authority of pipe line Distribution Network	CCA 1000 Ha	Work completed, execution underway
13	Conceptualization, Survey, design, technical sanctions , estimates and preparation of tender document, help in Awarding of contract & PMC for PDN with Micro irrigation for Rajmata Ahilyadevi Holkar LIS for automated Sugarcane farming	CCA 500 Acres at Wangdari, Taluka Shrigonda, Jilha: Ahmednagar	Innovative Project where farmers paying from their own pockets for the scheme, Work Order Attached, DPR approved
14	Conceptualization, Planning Design, Preparation of estimates for Sulwade Jamphal project in Dhule district of Maharashtra	CCA of approx. 25000 ha with pressurized system and upto 3 ha. chuk.	Tendered work, Work order enclosed, work is fully completed, Work completion certificate is enclosed



Our Esteemed Clients:

No.	Client	Location	Project	Approx. Project cost in Rs.
1	Chief Engineer, Water Resources Department, VIDC	Amravati, MH	1. Jigaon Project	2800 Cr.
			2. Katepurna	150 Cr.
			3. small project – 13 nos.	300 cr.
2	Chief Engineer, Special Projects, VIDC	Amravati, MH	1. Lower Pedhi	350 cr.
3	Chief Engineer, Water Resources Department, MKVDC	Pune, MH	1. Gunjawani	1100 cr.
4	Chief Engineer, Special Projects, MKVDC	Pune, MH	1. Kudali project	300 cr.
5	Chief Engineer, Water resources Department, VIDC	Gosikhurd Project, MH	1. Akot LIS	12 cr.
			2. Bhandara MIS	5 cr.
6		Nagpur, MH	1. Lower Venna	100 cr.



	Chief Engineer, Water resources Department, VIDC		2. Lower Pedhi	300 Cr.
7	Chief Engineer, Water Conservation Department, Aurangabad	Nandurbar, MH	30 Number of MI Tanks in Nandurbar Districts	700 Cr.
8	Executive Engineer & Member Secretary, DWSS, PHED, Chhattisgarh (JJM)	Balrampur, CG	Preparation of DPR for WSS for Multi Village Schemes	150 Cr.
9	Executive Engineer & Member Secretary, DWSS, PHED, Chhattisgarh (JJM)	Balrampur, CG	Preparation of DPR for WSS for 1. Single Village Schemes 2. Solar Based Schemes 3. Retrofitting schemes	300 Cr.
10	Executive Engineer & Member Secretary, DWSS, PHED, Chhattisgarh (JJM)	Jashpur, CG	Preparation of DPR for WSS for 1. Single Village Schemes 2. Solar Based Schemes 3. Retrofitting schemes	200 Cr.



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11	The Chairman, Rajmata Ahilyadevi Holkar LIS, Nagawade Sugar Mill	Wangdari, Taluka Shrigonda, Jilha: Ahmednagar	PDN with Micro irrigation for automated Sugarcane farming	45 Cr.
12	Chief Engineer, Water resources Department, TIDC	Jalgaon, MH	Sulwade Jamphal LIS and PDN	800 Cr.





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