
VIDYADHAR VENGURLEKAR

Over 23 years experience in Sewerage and Water industry with special contribution to trenchless technology since its inception in India in mid-nineties. Have designed and implemented many sewerage masterplans. Involved in trenchless technology covering over 40 km of sewer lines and water mains. Visiting faculty for various institutions.

Educational and Professional Status

- Chartered Engineer (India)
- BE (Hons) Civil Engineering, University of Mumbai, 1986
- Qualifications in GIS, Construction Management
- Member of Institution of Engineers (India)
- Member of the Indian Society of Trenchless Technology
- Member of Expert Group on Composites for GRP pipes, Technology Infrastructure Financing and Consulting (TIFAC), Government of India
- Member Task Force- Trenchless Technology under JNNURM, Government of India

Key skills

- Trenchless technology covering microtunneling and trenchless sewer rehabilitation and renovation.
- Sewerage masterplanning
- GIS
- Contract management and techno-legal inputs

Key Achievements and Projects and Activities

- First slurry microtunneling project in India for installation of sewers
- Detail Engineering and PMC for microtunneling over 20 km length covering sewers and water mains
- Detailing Engineering and PMC for trenchless rehabilitation over 20 km length
- Masterplanning of sewerage systems
- Sewerage system assessment and evaluation

Employment Record

2010 – present MOTT MACDONALD GROUP

Expert - Sewerage Rehabilitation – IWU

**2008 – 2010 MOTT MACDONALD GROUP
Subconsultant**

Sub consultancy services in connection with sewer rehabilitation and microtunneling:

2008 – 2010 FREELANCE CONSULTANT

PMC and Expert Advice on trenchless technology

Technical services for microtunneling project:

Technical services for HDPE PE 100 pipes:

PMC services for trenchless technology of HDD:

1987 – 2008 MUNICIPAL CORPORATION OF GREATER MUMBAI (MCGM)

2008 – 2005 Executive Engineer In Charge (Microtunneling)

Installation of Sewers at various locations in Mumbai by Microtunneling

Geotechnical Investigations in connection with microtunneling works

Diversion of water mains by microtunneling method

1995 – 2005 Assistant Engineer

Installation of Sewers at various locations in Mumbai by Microtunneling

Sewerage Master planning for Mumbai

Implementation and upgrading of GIS for Sewerage in Mumbai

Formulation of IT roadmap for MCGM

1987 – 1995 Sub Engineer

Sewerage planning and design for Mumbai

1986 – 1987 DAVY POWERGAS INDIA LTD (Now AKER KVERNEAR)

Trainee Engineer (Civil)

Detailed engineering in connection with various process plants in India and abroad

PUBLICATIONS

- Application of trenchless technology in India- Microtunneling in Mumbai, India, 1998
- Technical guidelines for microtunneling projects in India, Florida, USA, 1999
- On-site sewerage treatment arrangements for tropical climates like Mumbai, Great Mumbai Licensed Plumber's Association (GBLPA), Mumbai 1999
- Microtunneling experience in Mumbai, No-Dig India, New Delhi, 2002
- First Microtunneling Project in India, World Bank Seminar, Mumbai 2001
- A new Era- Microtunneling- Advance Technology in water and Sewerage and Public Private Partnerships, Central Public Health Engineering Organization (CPHEO), Government of India
- Sewerage in Mumbai- Past Present and Future- GBLPA, 2001
- Policy for trenchless technology, Civic Training Institute and Research Center (CTIRC), MCGM, Mumbai
- Appropriate trenchless technology- Seminar on utility infrastructure development and management, Bangalore, 2003
- Microtunneling for installation of underground services, IIT, Mumbai 2003
- Buried Services Management and trenchless technology, CTIRC, 2003

- Business development challenges for trenchless technology in India, No-Dig Asia 2003
- Trenchless Technology and rehabilitation techniques at IFAT, 2004
- Asset Management using GIS for sewerage system in Mumbai, ESRI User Conference, 2006
- Use of GRP in rehabilitation of sewers in Mumbai, ICERP, Chennai, 2006
- Trenchless Technology in Indian Perspective and present scenario (SWOT analysis) No-Dig India, 2008