



KNOW MORE
+91 9404953482
WWW.CDAT.CO.IN

**Monitoring of Sewerage
(O/M) Maintenance Work**
Web and Mobile Based

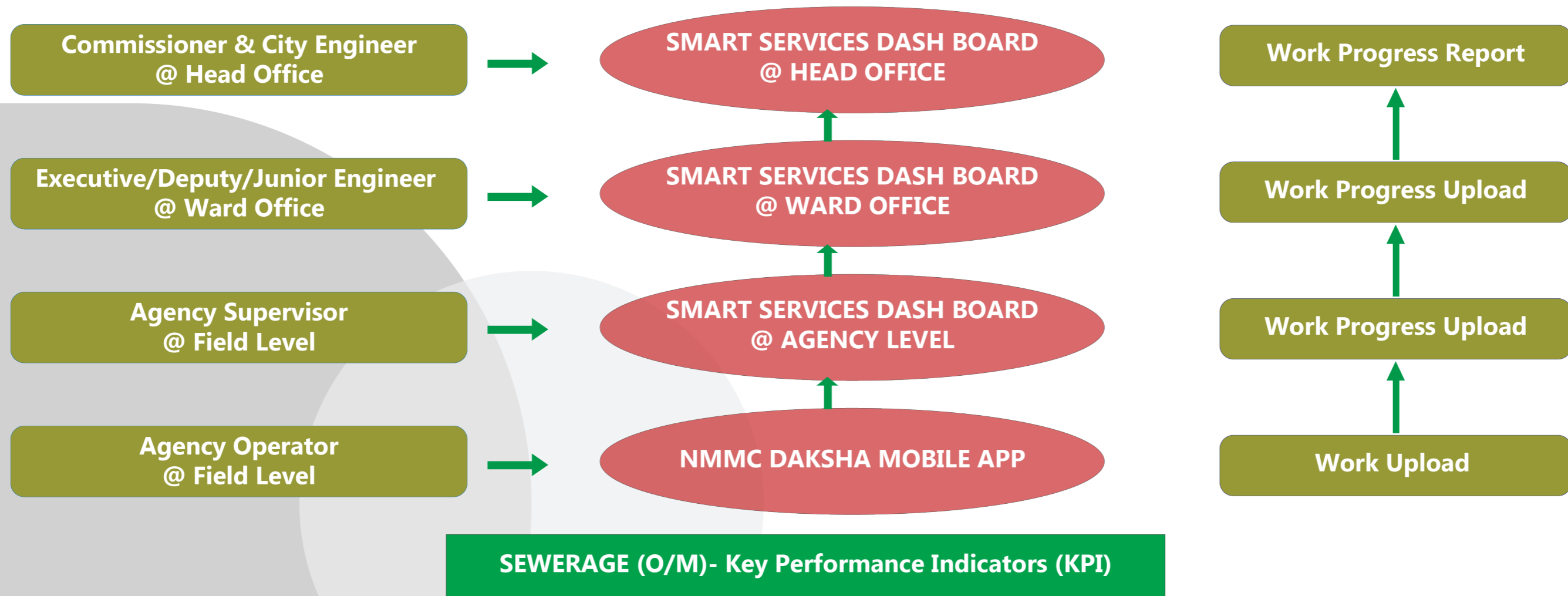
System Features

- Web and Mobile based application.
- Officials can define different Sewerage Maintenance and Preventive Maintenance KPIs with Bench mark and Penalty amount.
- Officials will assign daily basis maintenance works to the contractor through mobile app with Geo-tagged photo (Before work).
- The Contractor / agency will address the assigned work and upload the work completed photo through mobile app with auto Geo-tagged location.
- Application will find out the defaulter work list and execute and calculate the required penalty as per awarded tender to the contractor.
- Officials will monitor the number of assigned, completed, pending and defaulter works.
- Monitoring of Monthly basis contractor works Progress become easy.
- Work duplicity is avoided.
- Tracking of real work location (proposed & completed) through Google Map is become possible.
- Agency can monitor their daily basis work done by their supervisor.

Proposed Users

Sr. No	Office	User Level
1.	NMMC	Commissioner
2.	NMMC	CE/EE
3.	NMMC	Deputy Engineer/JE
4.	Contractor	Contractor Head
5.	Contractor	Contractor Supervisor

NMMC SMART SERVICES APPLICATION for MONITORING SEWERAGE (O/M) WORKS



- Customer Queries & Complaints
- Sewerages Blockages
- Overflowing Manholes
- Suction and jetting machine
- Non provision of connection

- Leakage and damaged sewer lines
- Energy Audit
- Daily cleaning of pump house complex area
- Replacing damaged level indicator
- Replacing damaged lightening conductor

- Repairing of motor due to any reason
- Replacing old and worn out cables
- Topping of transformer oil
- Minor repairs of compound walls shall start within 24 Hrs. after receiving instructions

- Not maintaining optimum wet well level of pumping station
- Detecting illegal/unauthorized connections
- Detecting connections sewer to Storm water drains, Gutters, Nallhas etc.
- Repairing of manholes, covers, frames, steps and internal plaster including smoothing of waterway

Sewerage Maintenance Work – KPI with Bench Mark and Penalty

Sr No	KPI Work Type	KPI Name	Bench Mark	Penalty Bench Mark Name	Penalty Amount (Rs.)
1.	Pump Operation	Maintaining daily summery sheets for operations of pumping station	Daily	Per Occurrence	2500.00
2.	Customer Services	Customer Queries & Complaints	Daily	Per Occurrence	1000.00
3.	Customer Services	Sewerages Blockages	Daily	Per Blockage	1000.00
4.	Customer Services	Overflowing Manholes	Daily	Per chamber	1000.00
5.	Customer Services	Suction and jetting machine	Daily	For each case detected	1000.00
6.	Energy Audit	Energy Audit	Monthly	Per Occurrence	0.00
7.	Housekeeping	Daily cleaning of pump house complex area	Daily		2500.00
8.	Mechanical Works	Replacing damaged level indicator	Daily	Per Occurrence	2500.00
9.	Mechanical Works	Replacing damaged lightening conductor	Daily	Per Occurrence	1000.00
10.	Mechanical Works	Repairing of motor due to any reason	Daily	for which the equipment is unavailable beyond 24 hours.	1000.00
11.	Electrical Works	Replacement of capacitors	Daily	Per Occurrence	1000.00
12.	Electrical Works	Rewinding of Motors	Daily	For each case detected, for which the equipment is unavailable beyond 120 hours.	2500.00
13.	Electrical Works	Repairing and replacing starters	Daily	For which the equipment is unavailable beyond 24 hours.	1000.00
14.	Operation Works	Detecting illegal/unauthorized connections	Daily	Per Occurrence	2000.00
15.	Operation Works	Detecting connections sewer to Storm water drains, Gutters, Nallhas etc.	Daily	Per Occurrence	2000.00

Existing Client : Navi Mumbai Municipal Corporation