



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

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

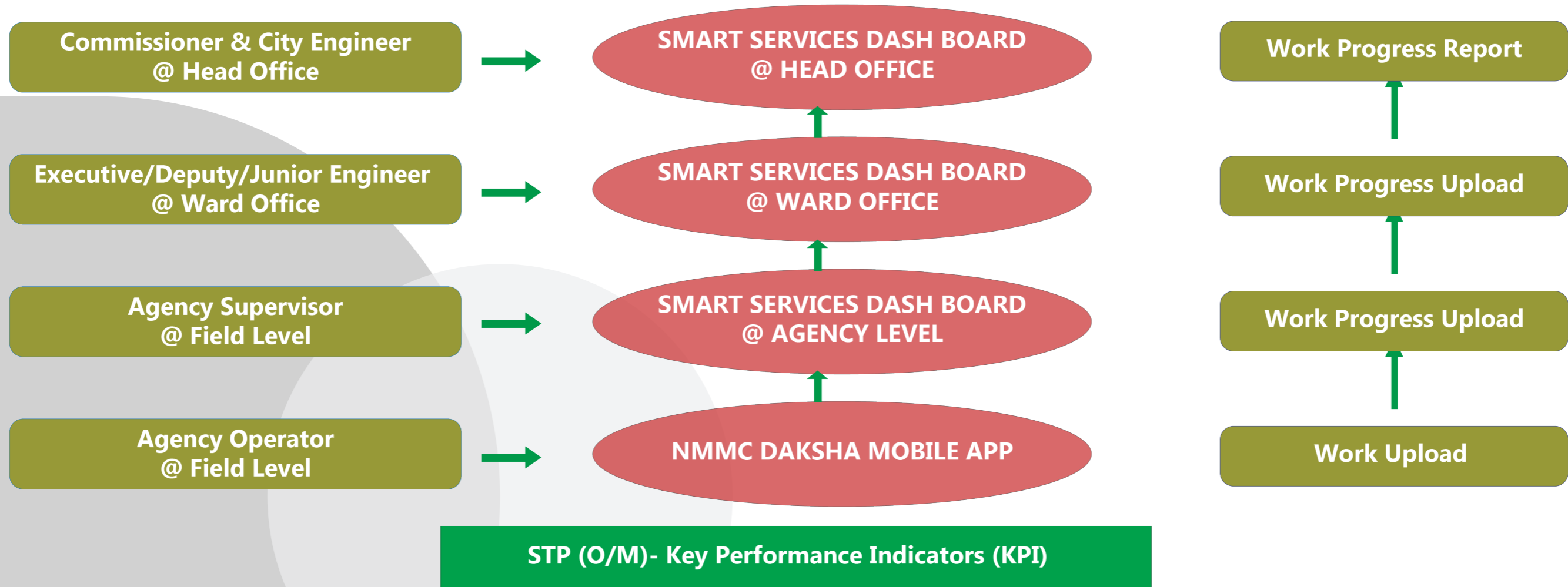
## System Features

- Web and Mobile based application.
- Officials can define different STP 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 User

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 STP (O/M) WORKS



- Flow (MLD)
- Temperature (°C)
- PH
- DO (Mg/L)
- BOD (Mg/L)
- COD (Mg/L)
- TDS (Mg/L)
- SV30
- MLSS (Mg/L)
- MLVSS (Mg/L)
- SVI
- MPCB TEST
- Energy consumption
- Machinery operation
- Machinery check list
- House Keeping
- Energy Audit
- Preventative maintenance
- Breakdown Maintenance

## STP Maintenance Work – KPI with Bench Mark and Penalty

Sr No	Main Work Type	KPI Name	Bench mark	Penalty Values (Rs.)
1.	Quality	Flow (MLD)	Daily	1200.00
2.	Quality	Temperature (°C)	Daily	1200.00
3.	Quality	PH	Daily	1200.00
4.	Quality	DO (Mg/L)	Daily	1200.00
5.	Quality	BOD (Mg/L)	Once In Three Days	1200.00
6.	Quality	COD (Mg/L)	Daily	1200.00
7.	Quality	TDS (Mg/L)	Daily	1200.00
8.	Quality	SV30	Daily	1200.00
9.	Quality	MLSS (Mg/L)	Daily	1200.00
10.	Quality	MLVSS (Mg/L)	Daily	1200.00
11.	Quality	SVI	Daily	1200.00
12.	MPCB /TTC TEST	MPCB TEST	Monthly	2000.00
13.	Energy consumption	Energy consumption	Daily	1500.00
14.	Machinery operation	Machinery operation	Daily	0.00
15.	Machinery check list	Machinery check list	Daily	1500.00
16.	House Keeping	House Keeping	Daily	1500.00
17.	Energy Audit	Energy Audit	Monthly	0.00
18.	Preventative maintenance	Preventative maintenance	Monthly	0.00
19.	Breakdown Maintenance	Breakdown Maintenance	Monthly	0.00