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and Cooperation SDC









Development of an audit-based payment system for MRS in the Smart City 311 App



Problem Identification

Demonstration of MRS app-based audit during the stakeholder consultations

based on Source Apportionment Results

App module based on the suggestions received during stakeholder consultations and implementation

linked with the payment system for MRS operation. The Payment should be released with percentage of road cleaned with respect to the target provided by ZO/CZO and the operators

Further, the App can be

App development in close coordination with Government

Identification of challenges during on-ground implementation

Integration of the MRS App module with Integrated Command and **Control Centres** (ICCC) in Lucknow Smart City

Lack of understanding of on-ground efficiency & effectiveness of MRS operation





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SmartCity-311 Ξ Officer App for Lucknow **Road Checking Project Tracking Data Capturing Zonal Officer Module Road Inspection Report** Notifications Feedback **Property Request** Mechanical Road Sweeper



The MRS-App module has been integrated with the ICCC in Lucknow enabling regular monitoring of MRS, Enhanced Management Capabilities, Operational Efficiency, transparency, financial Management.



Under CAP India Project, DOE, UP in collaboration with TERI & LMC has developed MRS-App Module in Smart City 311 App

1	Fuel Before Fueling(in Liters)	N/A	
2	Fueling Started		
3	Fueling Finished		
4	Fueling Taken(in Liters)	N/A	
5	Fuel Panel Photo		



Final Output

-	End Time	7.19700		
End of	Shift			
1	End Time	7:14 AM		
2	Speedometer Reading	5207		
3	Auxiliary Generator Reading	10982]	
4	Fuel Remaining After Completion of Shift	35		
5	Dust Disposal Sites	16/625, Sector 16, Indira Nagar, Lucknow, Uttar Pradesh 226016, India	Start of	
6	Front Panel After Photograph	CONTRACTOR OF THE SECOND	1 2 3 4 5 6 7 8 9 10	



1	Start Time	6:35 AM
2	Condition of Left Brush	Fine
3	Condition of Right Brush	Fine
4	Name of the Route/Road	16/1401, Sector 16, Indira Nagar, Lucknow, Uttar Pradesh 226016, India
5	Is Speedometer Working?	Yes
6	Is Auxiliary Meter?	Yes
7	Is Fuel Meter Working?	Yes
8	Is Dust Tank Clean and Working?	Yes
9	Is Vacuum Working?	Yes
10	Is Sprinkler Working?	Yes
11	Is it accident prone route?	No

In between shift: (Fueling and Emergency Options)

Team members

For more information



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Date : 29-11-2023 6:38 AM Name of Driver : Pradish Acharva