

PROGRESS REPORT OF WORKS UNDER 15th FINANCE FOR RAIPUR BIRGOAN URBAN AGGLOMARATION(FY 20-21)

Date -31.08.2022

Action Point Code	Action Point	Present Status	Annual Target	Total Funds Allocated	Birgaon	Raipur	Department	Expenditure	Remarks
				(in Cr.)	(In Cr.)	(In Cr.)			
CB4.1	Training & skill development of public officials	1. Training to prepare data for monitoring station will be organized in June 2022 for Municipal Corporation Raipur Officials. 2. Training and capacity building program will be planned for officials.	5	0.50	0.25	0.25	GAD	0.00	Under Planning
CB4.2	Infrastructure development (Laboratory/ AQM Cell	1. AQM cell has already been established and is functional 2. Development of infrastructure and resources for execution cell like Computer operator, Computer system, office staff etc.	Development of Infrastructure	0.25	0.00	0.25	GAD	0.01	In Progress (Infrastructure and Resource Execution)
PO2.1	App Based System	1. Nidaan 1100 tollfree number is currently operation for solid waste and waste water related complaints. 2. App based system will be prepared for displaying air quality data and easy usage by citizens for public grievance under Raipuri Urban agglomeration	1.Upgradation of Nidaan 1100 2. Air quality monitoring app will be developed by March 2022	0.25	0.00	0.25	Data Center	0.00	App is under preparation API is awaited from pollution control board
RD1.2	Maintain potholes free roads & Black-topping of road	1) Total concrete road and bitumen road length in Raipur is approximately 2630 km. 2) 85 km of road is targeted to be repaired every year along with footpath construction. 3. Black-topping of roads are identified for repairing	(1) 85 Km. of road patches for pot holes repairing (2) 8 Km of black topping	6.58	1	5.58	PWD	0	1. Potholes repairing work (3.00 Cr)-20% Work Completed 2. (A) Black Topping Work (0.50 Cr)-Tender Process (B) Black Topping Work (0.50 Cr)-Tender Process 3. Divider Repairing + Widening work (1.00 Cr)-60 % work completed

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RD1.7	End-to-end paving of the road	1) Footpath lane on each side of the road will be constructed every year ar per requirement. Hence, 100 km of footpath lane using paver blocks will be constructed or repairing as per requirement.	Repairing or Construction of 7 Km of Paver Block per year	6	1.5	4.5	PWD	0.33	1. Paver block work is in Progress(10% work completed) - 96.47 lacs Paver block work Proposed - 1.00 cr 2. Mist fountantion-Technical information suppose to get from Directorate, After getting information work will get start- 2.5 cr
		2) C&D waste material will be utilized for paver blocks.							
RD1.8	Road design improvement	1) Road design for main circles is prepared as per standard guidelines.	As per plan						
		2) Roads are constructed as per requirement.							
		3) All major traffic roads are taken on priority.							
RD1.9	Introduce water fountain at major traffic intersection	1) Identification of major road junction for installation of 20 Nos. mist fountain is under process in Raipur.	10						
RD1.10	Widening of Roads	1) Footpath lane on each side of the road will be constructed every year ar per requirement. Hence, 100 km of footpath lane using paver blocks will be constructed or repairing as per requirement.	Repairing or Construction of 20 Km of Paver Block per year						
RD1.11	Improvement of infrastructure for decongestion of road.	1) Road design for main circles is prepared as per standard guidelines.	As per plan						
		2) Roads construction and widening for decongestion is done as per requirement.							

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RD2.2	Creation of green buffers along the traffic corridors and their maintenance	1) Plantation along roadside, road divider, public place, Gouthan campus, SWM Plant, Govt. buildings, STP Plants, Filter Plants, Industrial area, Educational institute, Muktidham, etc.	Tree Plantation as per CPCB and TNCP guidelines	3.55	0.1	3.45	Garden/ Enviroment	0.23	23.48 Lakh Atari (Krishna kunj Proposed side) 1. Katchna 2. Fundhar * 3.2 Cr. In Tender Process
RD3	Installation of WAYU (Wind Augmentation and Purifying Units) at urban traffic intersection.	1) 20 nos. of Air purifier installation is proposed with its monitoring and maintenance with one number air pollution controll vehicle with 3 years O&M	5	2.08	0.42 (1 Nos.)	1.66 (4 Nos.)	Garden	0	Proposal to be sent for revision
		2) Number and location for Air Purifier can be finalised after analysing the air quality data and modeling work by IOR.							
RD4	Air purifier - Smog Tower	1) Installation of 20 Nos. of Smog towers with its monitoring and maintenance with one number air pollution controll vehicle with 3 years O&M	20	2.23	0.72 (6 Nos.)	1.51 (14 Nos.)	Garden/ Enviroment	0	Proposal to be sent for revision
		2) Number and location for Smog Tower can be finalised after analysing the air quality data and modeling work by IOR.							

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	Regular cleaning of street surfaces and spraying of water to suppress dust.	1) Procurement of 08 water sprinkler and road washing machine (3000L capacity)with 3 years of O&M is planned.	3 Nos.	2.38	0.79	1.59	Work Shop	0	Proposal to be sent for revision
		2) Procurement of 04 water sprinkler machine (6000L capacity)with 3 years of O&M is planned			(1 Nos.)	(2 Nos.)			
		3) Washing of road will be done by recycled wastewater once the STP in Raipur will be commissioned.							
		4) Currently manual sweeping is done and mechanised sweeping will get started by September 2021							
RD1.6	To take appropriate action to remove road dust/silt regularly by using mechanical sweepers	1) Total dust generating road length of 85 Km will be swept mechanically.	4 Nos. Mechanized Road sweeping machine for 85 Km road for 3 days in a week	13.5	0.5	13	Health Department	11.12	Service is being taken. Expenditure-1112.00 Lac
2) Procurement of Four mechanised road sweeping machines services for 85 Km road for 3 days in a week with four years of O&M is under proceress. The procurement is expected to be around October 2021.									

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C&D1.1	Ensure transportation of construction materials in covered vehicles	1) Waste transportation is done in covered containers using designated waste transportation vehicle. 2) The open vehicles are covered using tarpaulin 3) 43 Nos. of Tata 407 with hydraulic tipper, 06 Nos. of Tata 1613 Hydraulic Tipper is needed to be procured.	(1) 16 Nos. of Tata 407	2.88	0.25 (02 Nos)	2.63 (14 Nos)	Motor Work Shop	0	In Tender Committee
			(2) 03 Nos. of Tata 1613	0.93	0	0.93 (03 Nos)			Retender to be done
C&D1.5	Field enforcement for C&D waste	To comply points of C&D 1.1, 1.2, 1.3, 1.4 vehicle for Quick Response Team will be deployed on zonal level for which procurement of 13 Nos. of Bolero Camper will be done	Procurement of 8 Nos. of Bolero Camper.	0.8	0.20 (2 Nos.)	0.60 (6 Nos.)	Motor Work Shop	0	Retender to be done
C&D1.13	Frame and implement policy for segregation of construction and demolition waste and provide a network of decentralized C&D waste segregation and collection sites across the city.	1) Gazette for C&D waste management bye-laws is notified and enforced by state.	1 Nos. C&D Plant Installation with O&M	2.76	0	2.76	PWD	0.90	90% work completed. 1st running bill paid.
		2) 2 (Two) number of C&D Plant installation with O&M is proposed for segregation of waste into five category viz. Brick & mortar, Concrete, Soil, Plastic & wood, Metal and its processing.(reuse and recycling the processing C&D waste material							

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VE6.5	Introduction of new electric buses (with proper infrastructure facilities such as charging stations) and CNG buses for public transport which will reduce plying of private vehicles on road and help to curb tail pipe emissions.	1) At present 165 nos. of city buses are operational.	4	4	0	4	Motor Work Shop	0	Under RFP Preparation
		2) Procurement of 20 Nos. of New Electric Buses is proposed							
VE6.7	Steps for promoting battery operated vehicles like Erickshaw/ECart	1) Charging stations with operation and maintenance will be established in phases in Raipur.	4	1	0	1	Electric Department	0	Under RFP Preparation
		2) Promotion of e-rickshaws through bank loan as per Govt Subsidized loan.							
		3) Each charging station will be equiped with several charging points with different capacity as per requirement							
BB1.7	Regular collection and control of municipal solid wastes.	1) Estimated 550 TPD of waste being generated. 2) Collection Transportation & its processing is done by third party.	(1) 16 Nos. of Tata 407 BSIV	2.88	0	2.88 (16 Nos)	Motor Work Shop	0	In Tender Committee
		3) 330 TPD approx. of wet waste & 220 TPD approx. of dry waste is generated and and collected by third party which is processed at Sakri. 4) 43 Nos. of Tata 407 with hydraulic tipper, 06 Nos. of Tata 1613 Hydraulic Tipper is needed to be procured.	(2) 03 Nos. of Tata 1613/1918 BSVI	0.93	0	0.93 (03 Nos)			Retender to be done

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BB1.5	Launch extensive drive against open burning of bio-mass, crop residue, garbage, leaves, etc.	1.Raipur Municipal Corporation impose fine on open burning of waste and impose double fine on repeat offenders.. 2.Zonal and central sanitation officer team is monitoring on prevention of biomass/ solid waste burning and abatement in open burning, IEC is also done by the corporation for non littering and ban on open burning of waste.	No burning of bio-mass and garbage	0.5	0.25	0.25	Health Department	0.25	Completed by all zone 0.25
BB2	Ensure segregation of waste at source	1. Waste segregation at source is practiced in residential and commercial areas. 2. Households where segregated waste is not provided are given guidance on segregation of dry and wet waste. 3. Approx. 400000 pairs of dust bins (green dustbin for wet waste and blue dustbin for dry waste storage) is distributed to each households and commercial shops previously. 4. Commercial shops are fined for providing the mixed waste. 5. IEC material explaining the lifecycle of waste and harmful impact of untreated waste on human life shall be printed and circulate in each household. 6. Segregated waste is transported by 230 Minitipper, and transportation to processing plant is done by resufed compactor, dumper, etc.	1. 100% segregation of waste at source 2. Procurement of required materials and equipments to encourage source segregation and installation of dustbins in public and commercial places, etc.	1.00	0.50	0.50	Health Department	0.50	Completed by all zone 0.50
Total Amount (Rs. In Cr.) -				55.00	6.48	48.52		13.34	
Total Amount (Rs. In Cr.) - 13.34 Cr (27.49%) Utilised till date									

PROGRESS REPORT OF WORKS UNDER NCAP

1	Procument of 02 Nos sweeping machine and 02 Nos Sprinkler machine			2.50	0.00	2.50	Motor WorkShop		Proposal to be sent for revision
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