

RFP Questions for TAC

TR202321: Calculating the Cost of Downtime for MoDOT Equipment

1. What is the size of the fleet with breakdown by District and equipment type? [See attached fleet count document titled "MoDOT Fleet Count"](#).
2. Does MoDOT currently have a Fleet Management System (FMS)? [MoDOT uses FASTER as its FMS.](#)
3. What portion of the fleet is managed by the FMS? [All fleet items.](#)
4. Do all 7 District share the same FMS or does each District have its own FMS? [All districts utilize FASTER.](#)
5. Does every District have its own Maintenance garage? [Yes.](#)
6. What inventory information is collected and stored for each Fleet item? [Location assignment, usage, fuel consumption, and part replacement.](#)
7. Who keeps track of the Fleet maintenance costs? [Several systems help with this including the fleet system \(FASTER\), MoDOT Management System \(MMS\) and Statewide Advantage of Missouri SAMII which is the financial system of record.](#)
8. What maintenance costs are tracked, i.e., labor, parts, equipment? [Yes.](#)
9. How are labor costs tracked, regular, overtime, double time? [All employees enter time through either the Time Reporting System \(TRS\) or MoDOT Management System \(MMS\) and specify equipment usage that will track labor costs with any associated overtime or differential pay.](#)
10. Are the actual labor costs used or standard industry rates? [Actual labor costs are used.](#)
11. Are parts tracked? [Yes, but limited.](#)
12. Can the current system generate a report with the entire maintenance history for a particular item, including all parts and labor costs? [Yes.](#)
13. Are fuel costs for every fueled piece of equipment tracked by quantity, fueling location and fuel type? [Yes.](#)
14. Does MoDOT have a Fuel Management System? [Yes.](#)
15. Can the FMS interface with the Fuel Management System to collect fuel usage for Fleet equipment? [Yes.](#)

16. Is there a safety inspection program in place? [Yes.](#)
17. Can the system keep track of preventive maintenance schedule by mile, hour or time lapsed? [Yes.](#)
18. Can the system generate an Equipment Index based on age, condition, maintenance cost, replacement cost and residual value? [We generate an asset management model with similar information.](#)
19. Can the Equipment Index be modified to meet maintenance and economic/financial requirements? [Yes.](#)
20. Is there criteria in place to determine when equipment needs to be replaced? [Yes.](#)
21. Can the Fleet Management System interface with Maintenance Management System (MMS)? [Yes, but only certain fields are currently linked.](#)
22. How are operating costs determined? [Through a combination of fuel usage, meter usage, maintenance and repair cost, and miscellaneous salary additive costs.](#)
23. Are the calculated operating hourly costs used in the MMS? [Yes.](#)
24. If the system is not capable of generating the necessary information, would MoDOT be open to implement a new customized FMS that would collect and use the information above? [No, not at this time.](#)