

BACKGROUND

The City of Ocala requires a Contractor to supply and deliver a new **3.5 YARD CONCRETE MIXER** and delivery for the Public Works Department.

SPECIFICATIONS

Self-contained, drum type, concrete mixer to be installed on a 2006 Ford F750 VIN: 3FRXF75G46V239016, 33,000 GVW, single axle truck. The chassis dimensions are cab to axle 138", cab to rear frame rail 181", with a wheelbase of 212".

1. The mixer shall be capable of agitating and transporting 3.5 cubic yards of concrete at a reasonable slump while firmly attached to the chassis.
2. The unit must be equipped with a minimum 30 HP engine to hydraulically power the mixer drum drive and control systems.
3. The concrete Mixer unit must have at minimum a 50-gallon, 4-gallon per minute, 40 psi, water system, with a 25-foot hose/nozzle for slump control and washdown/cleaning.
4. Operator controls must be situated on the rear of the unit to control drum speed, drum direction, discharge chute height, and engine speed. The mixer must discharge concrete from the rear of the unit with removable chutes for a minimum reach of 12' for the placement of concrete.
5. The unit shall have provisions to safely secure and transport removable chutes.
6. The concrete drum must be capable of 18 RPM at 2,500 engine RPM in both directions.
7. The mixer dimensions must not exceed 170" long, 72" wide, and 72" high.
8. The concrete mixer weight must not exceed 5,750 lbs. empty.
9. The concrete mixer must be capable of maintaining an agitating speed of 3 rpm and a mixing speed of 5 to 20 rpm.
10. The concrete mixer must be equipped with a loading hopper to ensure no spillage when loading.
11. The discharge chute must be capable of pivoting 180 degrees and feature a locking system for transport.
12. The concrete mixer body must be completely primed and painted with a rust-resistant finish.
13. The concrete mixer component parts and workmanship must be warranted for one year.
14. Electric System shall be: 12 VDC
15. Lights, navigation shall be: US DOT, LED, 12 VDC

TECHNICAL INFORMATION

The Contractor shall supply technical information before, or at delivery of the unit. Technical information shall include a shop, service, and parts manual covering the equipment purchased, and an owner's manual.

WARRANTY

1. Contractor shall provide warranty service for a period of one year from the date of delivery to the City of Ocala's Fleet Management Department, 1805 NE 30 Avenue, Building 200, Ocala, FL 34470. The Contractor shall agree to transport the unit at no expense to the City from the Fleet Management Department to their repair facility and return the same.
2. The factory-authorized warranty service center must be within 1,000 miles of the City of Ocala. If needed, repairs may be made locally in Ocala at the manufacturer's expense.

3. Maximum turnaround time for repairs or maintenance under warranty shall be seven (7) working days unless parts availability requires longer time, in which case the Fleet Management Director, John King shall be notified at (352) 351-6648 or JKing@ocalafl.org. **If the equipment will be out of service longer than ten (10) working days, an equivalent replacement must be made available for use at no cost to the City.**
4. Contractor is responsible for all damages including but not limited to buildings, curbing, pavement, landscaping, or irrigation systems caused by their activity. Should any public or private property be damaged or destroyed, the Contractor, at their expense, shall repair or make restoration as acceptable to the City of destroyed or damaged property no later than one (1) month from the date damage occurred

DELIVERY

1. The unit must be delivered to the City of Ocala Fleet Management office, 1805 NE 30 Avenue, Bldg. 200, Ocala, FL 34470, no later than **January 4, 2023.**

INVOICING

1. All original invoices will be sent to: John King, Project Manager, Facilities Department, 1805 NE 30 Avenue, Building 200, Ocala, FL 34470, email: JKing@ocalafl.org.

PRICING AND AWARD

1. Bids will be received on a lump sum basis. Lump sum amount must include all direct and indirect cost to provide the concrete mixer.
2. Award will be made to the lowest bidder meeting all requirements outlined herein.