

**CITY OF AUSTIN, TEXAS  
PURCHASE SPECIFICATIONS  
FOR  
PORTABLE CONCRETE MIXER**

**1. SCOPE AND CLASSIFICATION**

- 1.1. **SCOPE** - This specification is for a gasoline powered, portable concrete mixer. It includes sections on Scope and Classification, Applicable Specifications, Functional, Performance, and Material Requirements, Other Requirements, and Bidder Information. This specification shall be used in conjunction with the appropriate Bid Item Sheet.
- 1.2. **CLASSIFICATION** - To be used by various City Departments for maintenance and construction projects.

<u>DATE</u>	<u>PREPARED BY</u>	<u>ISSUANCE OR REVISION</u>	<u>DEPARTMENT APPROVAL</u>	<u>PURCHASING APPROVAL</u>
05-17-83	General Services Department	Issuance	B. Shuptrine	L. Sanchez
11-10-86	General Services Department	Revision # 1	C. Nixon	R. Duncan
02-02-93	Department of Public Works and Transportation	Revision # 2	C. Nixon	R. Fudge
08-11-95	Finance and Administrative Services Department	Revision # 3	C. Nixon	R. Fudge
01-02-01	Finance and Administrative Services Department	Revision # 4	C. Nixon	R. Fudge
11-03-03	Finance and Administrative Services Department	Revision # 5	C. Nixon	R. Fudge
02-07-12	Finance and Administrative Services Department	Revision # 6	Ron Mazarella	Sidney Ceder

This specification, until revised or rescinded, shall apply to each future purchase and contract for the commodity described herein. Retain for future reference.

**2. APPLICABLE SPECIFICATIONS**

2.1. Selling dealer shall be responsible for having complied with all Federal and State of Texas standards, regulations, and laws concerning this type of equipment, applicable and effective on the date of manufacture, including safety, noise, and emission control standards as applies to both private industry and governmental agencies. This also includes compliance with applicable OSHA requirements.

**3. FUNCTIONAL, PERFORMANCE, AND MATERIAL REQUIREMENTS**

Note: Stated requirements are minimum. Equipment that exceeds these in quality and/or size and capacity, will be acceptable unless otherwise stated. Buyers approval is required for any item proposed as equal. Item shall be fully described so the Buyer may determine if the item proposed is equal to, or exceeds the specified item in every detail.

3.1. **Design** - Shall be a completely assembled, portable concrete mixer with a gasoline powered industrial engine.

Comply ( ) / Comments \_\_\_\_\_

3.2. **Make and Model** - State.

Comply ( ) / Comments \_\_\_\_\_

3.3. **Mixer Drum**

3.3.1. Capacity - Nine cubic feet, minimum. State.

Comply ( ) / Comments \_\_\_\_\_

3.3.2. Drum Opening - Approximately 20 inches, minimum. State.

Comply ( ) / Comments \_\_\_\_\_

3.3.3. Discharge - Hand wheel type.

Comply ( ) / Comments \_\_\_\_\_

3.4. **Engine** - Make and Model - State.

Comply ( ) / Comments \_\_\_\_\_

3.4.1. Gasoline required.

Comply ( ) / Comments \_\_\_\_\_

3.4.2. Horsepower - 7 hp, minimum. State.

Comply ( ) / Comments \_\_\_\_\_

3.4.3. Cooling - Air or water-cooled. State.

Comply ( ) / Comments \_\_\_\_\_

3.4.4. Starter - Electric push button, or ignition key start, is preferred. If not available, recoil start is acceptable.

Comply ( ) / Comments \_\_\_\_\_

3.5. **Drive Method** - Chain or "V" belt to cast iron gear.

Comply ( ) / Comments \_\_\_\_\_

**3.6. Ring Gear-** Replaceable Cast iron type.

Comply ( ) / Comments \_\_\_\_\_

**3.7. Undercarriage**

3.7.1. Two-wheel, single axle type required.

Comply ( ) / Comments \_\_\_\_\_

3.7.2. Tires and wheels - Adequate to transport mixer at legal speeds. **State size and capacity**

Comply ( ) / Comments \_\_\_\_\_

3.7.3. Tow tongue - Heavy-duty retractable type with lunette ring coupler.

Comply ( ) / Comments \_\_\_\_\_

3.7.4. Safety chain - Shall be securely fastened to the tongue on one end, and equipped with a hook on the other.

Comply ( ) / Comments \_\_\_\_\_

**3.8. Color** - Primed and painted manufacturer's standard color.

Comply ( ) / Comments \_\_\_\_\_

**4. Manufacturer's Statement of Origin (MSO) and Invoicing** - An MSO and an original invoice to the unit(s) shall be provided at the time of delivery for each unit supplied. Unit(s) will not be accepted without these documents. NO EXCEPTIONS.

**5. Manuals** - Concurrent with delivery of equipment ordered, the items listed below shall be supplied for each different type and size of vehicle, body, or item of equipment supplied. This includes the basic item as well as all accessory equipment installed. All of these manuals must be current, and must be furnished with the item(s) being delivered. Final and complete acceptance will not be made until all items listed are supplied, however, if the item is partially accepted, 5% of the unit bid price, but not less than \$500.00, will be withheld until all items bid are received.

**5.1. Operator's Manuals - Required** - Two (2) copies of manufacturer's standard operator's manual for each unit.

Comply ( ) / Comments \_\_\_\_\_

**5.2. Parts Manuals - Required** - Two (2) copies of manufacturer's standard parts manual for each unit.

Comply ( ) / Comments \_\_\_\_\_

**5.3. Maintenance and Overhaul (Shop) Manuals - Required if available** - Two (2) copies for each unit. These manuals shall provide complete lubricating and servicing instructions normally not expected of the operator, plus complete maintenance and overhaul instructions required for shop disassembly, inspection, repair, rework, testing, and reinstallation, and shall provide information on limits, tolerances, and torque values. Normally, these shall also include fully illustrated parts break-downs for all parts and components. Complete detailed schematics, drawings, and blueprints for all air, electrical, and hydraulic systems are required.

Comply ( ) / Comments \_\_\_\_\_

**6. Training Requirements**

**6.1. Operator Training - Required** - Shall be conducted by qualified instructors, for personnel assigned to operate this equipment. Such training shall be designed to instruct qualified City personnel in proper operating techniques and operator level maintenance, such as daily lubrication, inspections, fluid checks, adjustments, etc. The duration and type of operator training required may vary according to

the type and complexity of the item specified. However, normally a briefing at the unit delivered, by a person fully qualified to operate that particular model machine, should suffice. Please state the duration and type of training to be conducted.

Comply ( ) / Comments \_\_\_\_\_

- 6.2. Limited Maintenance Training - Required** - This training shall be conducted by a factory service representative, maintenance technician, or sales person that is fully qualified and thoroughly familiar with the equipment being purchased, for automotive or heavy equipment mechanics assigned to maintain this equipment. Emphasis shall be on proper servicing and lubrication procedures, preventive maintenance, inspection, troubleshooting, disassembly, repair, and reassembly of major components of the unit supplied. The duration and type of training may vary according to the complexity of the equipment, and the familiarity of City personnel with such equipment. This training shall consist of a briefing at the equipment, and shall include a question and answer period. State exactly how the training will be accomplished, by whom, and estimated duration.

Comply ( ) / Comments \_\_\_\_\_

**7. SAMPLES, INSPECTION, AND TEST REQUIREMENTS**

- 7.1.** Each unit shall be completely assembled, adjusted, serviced, clean, and ready for continuous heavy duty service. Servicing shall include, but not be limited to, complete lubrication, and a 50/50 mix of anti-freeze and water in the cooling system, if applicable. Servicing, adjustment, assembly, etc., shall be to the satisfaction of the City of Austin.
- 7.2.** In addition, a thorough condition and specification compliance inspection shall be conducted by the supplier on each unit prior to delivery.
- 7.3.** Upon receipt, each unit shall be inspected for condition and specification compliance by a City representative, prior to acceptance. If a unit is rejected for any reason, the selling dealer shall be required to pick up the unit at the point of delivery, accomplish necessary repairs, and return the unit to the original point of delivery. If desired, and if space is available, the repairs may be accomplished on City property. This will be at the discretion of the City of Austin.
- 7.4.** All requests for approval of changes to the specification after construction has begun, shall be directed only to the Manager of Fleet Acquisition.
- 7.5.** All materials and workmanship, including those things not specifically covered in this specification, shall conform to the character of the equipment, and purpose for which it is intended, and work shall be professionally and skillfully accomplished in accordance with the best trade customs and professional standards of work, as generally recognized by trade standards.

**8. OTHER REQUIREMENTS**

**8.1. Service Requirements**

- 8.1.1.** Routine Service Calls and Inspections - State the number and frequency of routine service calls and equipment inspections that will be conducted free of charge.

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- 8.1.2.** On-Call Maintenance Consultation Service - State the length of time maintenance consultation visits, by a fully qualified service representative, will be available on an on-call basis, and the response time. Include the charge for each visit, if any.

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8.1.3. Spare Parts Service - State the location where a stock of standard parts for this unit will be maintained, and time required to deliver them to Austin. Include a statement as to whether the City of Austin will be required to pay shipping charges when parts are ordered after the warranty period, and discount from list price on parts, if any. Note: The location where a stock of spare parts is maintained may be considered in the purchase decision.

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8.1.4. Responsible person and alternate to be contacted for service (including warranty service), parts, consultation, literature, etc. Furnish telephone numbers, hours, and mailing address.

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8.1.5. Repair Service - State response time during and after the warranty, when notified of a requirement for service.

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8.1.6. Service bulletins and changes to published manuals, including all literature concerning future modifications to the unit specified, are required. Three (3) copies of each. These items should be furnished to ensure manuals supplied are current and useful, and shall continue to be supplied, whenever published, for the life of the unit, from date of delivery.

**8.2. Literature Requirements** - Manufacturer's descriptive literature and drawings are **required** with each bid submitted.

**8.3. Delivery Requirements** - Each unit shall be delivered to a place in Austin, Texas, designated by the City of Austin. The vendor shall notify the City before making delivery. Delivery **includes off-loading**. **Note:** The City does **not** have an off-loading ramp or equipment such as forklifts, cranes, etc., available for off-loading of new equipment.

**8.4. Special Requirements** - This unit shall be delivered complete, and shall meet the State of Texas vehicle safety inspection requirements pertaining to this unit. A Texas inspection sticker must be furnished on units requiring them.

8.4.1. Each unit shall be the latest (current) model in production at time of delivery, and shall be the standard production model offered to commercial industry, and be of new manufacture, including all parts, components, and accessory items.

8.4.2. It is the intention of these specifications to require a complete unit of the type described, delivered and ready for full operation. All items omitted from the specifications, which are clearly necessary for the complete operation of this vehicle or item of equipment, shall be considered a requirement, although not directly specified or called for in the specifications.

8.4.3. The term "heavy duty", as used in these specifications, shall mean that the item to which the term is applied, shall exceed the usual quantity, quality, or capacity supplied with standard production models, and it shall be able to withstand unusual strain, exposure, temperature, wear, and use.

8.4.4. Each unit supplied shall have component parts necessary to give maximum performance, service life, and safety, and nor merely meet the minimum requirements of the specifications.

8.4.5. Demonstration of Proposed Unit(s) - The City reserves the right to require a demonstrator unit be supplied for at least five work days, for evaluation purposes, prior to making a final purchase recommendation to the City Council. The purpose of such a demonstration is to assist in deciding if the unit(s) to be provided meets all aspects of the specification. Therefore, the demonstrator unit should be representative of the item(s) bid. Failure to provide a demonstrator when requested, could result in rejection of bid.

**8.5. Warranty Requirements** – Bidder is in agreement with the City's warranty terms as stated in the attached Section 0400 (IFB) Supplemental Purchase Provisions, Paragraph 4.

Please mark the appropriate line and sign below.  Yes  No

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Authorized Signature