



**CITY OF HOUSTON**  
FINANCE DEPARTMENT  
Strategic Procurement Division

**Annise D. Parker**

Mayor

Lourdes Coss  
Chief Procurement Officer  
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<https://purchasing.houstontx.gov>

Date: May 15, 2015

Subject: Letter of Clarification No. 1 to Invitation to Bid (ITB) No.: S58-N25420 for Various Size Trailers

To: All Prospective Bidders:

This Letter of Clarification is issued for the following reasons:

1. Replace original bid document dated April 24, 2015 Technical Specifications Part II pages 15 of 29 through 20 of 29 with the attached pages 15 of 29 through 20 of 29 marked, "REVISED 05/15/2015".
- Due to the aforementioned change(s) to the e-bidding items you may need to edit your bid. To do so, please select the "Bid Number" and proceed accordingly.

This Letter of Clarification will be considered part of the solicitation. All revisions, responses, and answers incorporated into the Letter(s) of Clarification are collaboratively from both the Strategic Purchasing Division and the applicable City Department(s).

Furthermore, it is the responsibility of each BIDDER to obtain any previous Letter(s) of clarification associated with this solicitation.

Sincerely,



Ketan Shah  
Procurement Specialist  
Strategic Procurement Division  
(832) 393-8714

Buyer KS:SRD:lf

**SECTION B**  
**SPECIFICATIONS**

**PART II**

**TECHNICAL SPECIFICATIONS**

**REVISED 05/15/2015**

**ITEM NO. 1: TRAILER, LANDSCAPE 16' X 82":**

**1.0 General:**

- 1.1 The Contractor shall be required to furnish all labor, supervision, transportation, tools, and consumables necessary to furnish and deliver the equipment/item specified herein in strict accordance with the specifications below.
- 1.2 Reference Manufacturer: Trailer Wheel and Frame Model TC16610-80ELS48FMRTB or City Approved Equal.

**2.0 Specifications:**

- 2.1 16' x 82" Inside Trailer Dimensions
- 2.2 GVWR: 9,900 lb.
- 2.3 GAWR (each axle): (2) 5,200 lb.
- 2.4 Coupler: 12,500 lb. 2 5/16" Bulldog Coupler
- 2.5 Empty weight 3,000 lb.
- 2.6 Payload capacity 10,500 lb.
- 2.7 Safety Chains with hook (2 ea.)
- 2.8 Drop leg Jack 7,000 lb. ( side mount style (flip))
- 2.9 Tongue 4" Channel wrap around style
- 2.10 ~~Deleted~~
- 2.11 48" Expanded Metal Sides
- 2.12 Main frame 5 x 3 x ¼ ( cross members – Std – 4 x 3 x ¼ )  
(8 – (4 each side) stake pockets with exp mt cut out for tie down)
- 2.13 Fenders HD Tread plate 1/8"
- 2.14 Types of hangers 5200#
- 2.15 Electric Brakes on 1 axle
- 2.16 Suspension: Multi-Leaf Spring
- 2.17 Tires: (4) 16 inch (10 ply)
- 2.18 Wheels to be 8 lug
- 2.19 Axle Track 94"
- 2.20 Floor: 2" Treated Pine
- 2.21 DOT Lights: All sealed LED, bracket guarded, Rear to mounted near the top of trailer for visibility
- 2.22 6 Way Electric Plug
- 2.23 Spare Tire Mount
- 2.24 Spare Tire and Wheel – location should be left side.
- 2.25 The Lockable Box 24" x 24" x Full Width is to be elevated 8" above the top of the trailer, this will allow 32" from floor to the bottom of the lockable box
- 2.26 24" x 24" X 87" Lockable Landscape Box Mounted on Front of Trailer **to be opened from the bottom.**  
The door will be hinged to open upward with safety bar.
- 2.27 Complete Break-A-Way System w/charger
- 2.28 Heavy Duty Ramp Gate full width 60" long with expanded metal with manual spring assist
- 2.29 Black in Color
- 2.30 1-3 place weed eater rack with locks (On the right side of trailer/passenger side)
- 2.31 Water cooler rack to be mounted in front center of tongue, shovel and rack holder (**to be mounted on the right rear side**)
- 2.32 Whelen LED Mini Light Bar R2LPPTAD8 or equivalent to be installed near top of the landscape tool box
- 2.33 Unit to be state inspected/ registration (two step/one sticker)

SECTION B PART II TECHNICAL SPECIFICATIONS: (Continued)

ITEM NO. 1: TRAILER, LANDSCAPE 16' X 82" (Continued):

**3.0 Warranty:**

- 3.1 See Paragraph 7 entitled "Warranty" in Part I above. If the manufacturer's standard warranty is greater than the period specified in Paragraph 7 above then the contractor/supplier shall pass the greater/longer warranty to the City of Houston.

**4.0 Safety and Air Pollution Requirements and Regulations:**

- 4.1 The unit(s) bid shall be in full and complete compliance with applicable safety and pollution requirements and regulations in effect at the time of the bid submittal. This includes but is not limited to standards established by the United States Department of Transportation, including the Federal Motor Vehicle Safety Standards (FMVSS), the Occupational Safety and Health Administration (OSHA), the Environmental Protection Agency (EPA), the Texas Department of Transportation and the Texas Natural Resource Conservation Commission (TNRCC).
- 4.2 The City of Houston requires that unit(s) bid be the lowest emission unit(s) available on the market for the specified requirement. The emission standard established by the EPA shall be considered only as minimum standards. In the absence of the EPA standard or if California Air Resources Board (CARB) standards provided lower emissions, CARB standards will be considered as the minimum if the specified unit and any required fuel are available to the City of Houston.
- 4.3 Federally regulated low emission vehicles and engines must be covered by an EPA-issued Certificate of Conformity certifying the engine to be in compliance with federal emission standards and bidder shall provide the Certificate of Conformity with their bid within three (3) working days from the written request of the City. EPA emission label must be affixed to the vehicle and/or engine and be readily visible.

**5.0 Literature:**

- 5.1 Manual to be furnished upon delivery of equipment:  
**Online factory parts manuals/operators' manuals/service shop repair manuals or CD's**  
Two (2) complete sets of factory service shop repair manuals (Technical Service Manuals)  
Two (2) complete sets of factory parts manuals  
Two (2) complete sets of operators' manuals

**6.0 Delivery and Inspection:**

- 6.1 The item(s) specified above, with delivery tickets and/or other required documents shall be delivered FOB destination, full freight allowed (FFA), to the location shown on the Purchase Order to the address below:

\*\*\*City of Houston Parks and Recreation Department  
\*\*\*6200 Wheeler  
\*\*\*Houston, TX 77023

- 6.2 Unit(s) shall new, clean and shall be complete with all equipment operable at time of delivery/ inspection.
- 6.3 Unit(s) shall be accompanied with a copy of the original invoice, warranty and/or Certificates as may be required.

**SECTION B PART II TECHNICAL SPECIFICATIONS: (Continued)**

**ITEM NO. 2: TRAILER, TANDEM AXLE WITH PINTLE HITCH**

**1.0 General:**

- 1.1 The Contractor shall be required to furnish all labor, supervision, transportation, tools, and consumables necessary to furnish and deliver the equipment/item specified herein in strict accordance with the specifications below.
- 1.2 Reference Manufacturer: Big Tex Trailer No. 20ft' Dual Axle or City Approved Equal

**2.0 Specifications:**

- 2.1 GVWR 20,000 lbs.
- 2.2 GAWR per axle 9,760 lbs.
- 2.3 240 inch trailer length flat space with 5 foot dovetail spring assisted/ single hinge folder over ramps /spring assist
- 2.4 Coupler 2 5/16 inch ball adj. pipe or 3 inch Pintle
- 2.5 Safety Chains 3/8 inch gird. 70 with safety latch hook (2 each)
- 2.6 Jacks (dual) 12,000 lbs, drop leg jacks ( welded )
- 2.7 Neck 10 inch channel
- 2.8 Top Rail – none
- 2.9 Low profile (height)
- 2.10 Frame – 12 inch, #16 I-beam
- 2.11 Cross members 3 inch channel
- 2.12 Side rails – 6 inch channel with rub rail and stake pockets on 24 inch center
- 2.13 Axle – two 9760 lb, dual wheel electric brake
- 2.14 Suspension – Multi leaf slipper spring with equalizer
- 2.15 Tires – 235R85 -16
- 2.16 Wheel 16 x 6 dual 8 bolt
- 2.17 Floor 2 inch treated / CPA pine
- 2.18 Light – Department of Transportation – for stop, tail lights turn and clearance (LED)
- 2.19 2' amber flashing safety lighting ( switch operated )
- 2.20 Electrical plug – 7 way RV
- 2.21 Finish (prep) – Steel in cleaned and etched to ensure smooth, high bond paint adhesive
- 2.22 Finish – Painted with high-solids supreme automotive grade enamel and for a highly decorative and protective finish
- 2.23 Safety chains attached with cold rolled eyelets
- 2.24 ~~Deleted~~
- 2.25 ~~Deleted~~
- 2.26 102 inch overall width
- 2.27 3/8 inch heavy duty rub rail
- 2.28 Safety reflective marker tape
- 2.29 Complete break-a-way system with battery and charger
- 2.30 Spare tire and mount in flat pintle area
- 2.31 Rubber mounted sealed lighting
- 2.32 5 foot dovetail with double hinged fold over ramps and security Chain for safety (1.3) (Spring assisted/single hinge folder over ramps)
- 2.33 Unit to be state inspected/ registration (two step/one sticker)

**3.0 Warranties**

- 3.1 See Paragraph 7 entitled “Warranty” in Part I above. If the manufacturer's standard warranty is greater than the period specified in Paragraph 7 above then the contractor/supplier shall pass the greater/longer warranty to the City of Houston.

**REVISED 05/15/2015**

**SECTION B PART II TECHNICAL SPECIFICATIONS: (Continued)**

**ITEM NO. 2: TRAILER, TANDEM AXLE WITH PINTLE HITCH: (Continued)**

**4.0 Safety and Air Pollution Requirements and Regulations:**

- 4.1 The unit(s) bid shall be in full and complete compliance with applicable safety and pollution requirements and regulations in effect at the time of the bid submittal. This includes but is not limited to standards established by the United States Department of Transportation, including the Federal Motor Vehicle Safety Standards (FMVSS), the Occupational Safety and Health Administration (OSHA), the Environmental Protection Agency (EPA), the Texas Department of Transportation and the Texas Natural Resource Conservation Commission (TNRCC).
- 4.2 The City of Houston requires that unit(s) bid be the lowest emission unit(s) available on the market for the specified requirement. The emission standard established by the EPA shall be considered only as minimum standards. In the absence of the EPA standard or if California Air Resources Board (CARB) standards provided lower emissions, CARB standards will be considered as the minimum if the specified unit and any required fuel are available to the City of Houston.
- 4.3 Federally regulated low emission vehicles and engines must be covered by an EPA-issued Certificate of Conformity certifying the engine to be in compliance with federal emission standards and bidder shall provide the Certificate of Conformity with their bid within three (3) working days from the written request of the City. EPA emission label must be affixed to the vehicle and/or engine and be readily visible.

**5.0 Literature:**

- 5.1 Manual to be furnished upon delivery of equipment: :  
**Online factory parts manuals/operators' manuals/service shop repair manuals or CD's**  
Two (2) complete sets of factory service shop repair manuals (Technical Service Manuals)  
Two (2) complete sets of factory parts manuals  
Two (2) complete sets of operators' manuals

**6.0 Delivery and Inspection:**

- 6.1 The item(s) specified above, with delivery tickets and/or other required documents shall be delivered FOB destination, full freight allowed (FFA), to the location shown on the Purchase Order to the address below:  
  
\*\*\*City of Houston Parks and Recreation Department  
\*\*\*6200 Wheeler  
\*\*\*Houston, TX 77023
- 6.2 Unit(s) shall new, clean and shall be complete with all equipment operable at time of delivery/ inspection.
- 6.3 Unit(s) shall be accompanied with a copy of the original invoice, warranty and/or Certificates as may be required.

**7.0 Training:**

- 7.1 Supplier will provide two (1) two-hour operators training and two (1) two-hour technical training at designated City facility.

**REVISED 05/15/2015**

**SECTION B PART II TECHNICAL SPECIFICATIONS: (Continued)**

**ITEM NO. 3: TRAILER, TANDEM AXLE:**

**1.0 GENERAL:**

- 1.1 The Contractor shall be required to furnish all labor, supervision, transportation, tools, and consumables necessary to furnish and deliver the equipment/item specified herein in strict accordance with the specifications below.
- 1.2 This unit will be assigned to the Street Maintenance Section and will be used to transport concrete saws for street repairs to public roadways and facility lots for other city divisions as well as for other sections of Street & Drainage Division.
- 1.3 Reference Manufacturer: Trailer Wheel and Frame Model TC106-70 EDFMR model or City Approved Equal.

**2.0 Specifications:**

- 2.1 GVW Rating: 7,000 Lb.
- 2.2 Empty weight: 1,300 Lb.
- 2.3 Payload capacity: 5,700 Lb.
- 2.4 Color: OEM White
- 2.5 Bed Length: 10'
- 2.6 Bed width: 6'
- 2.7 Height of sides: 19"
- 2.8 Ramp: 36" Mesh
- 2.9 Floor: 2" Pine Treated
- 2.10 Coupler Size: 2" Bull Dog
- 2.11 Number of tires: Five (5)
- 2.12 Type of jack: Swivel type
- 2.13 Type of hangers: 3500 Lb.
- 2.14 Fenders: Heavy Duty Tread plate
- 2.15 Number of axles: Two (2)
- 2.16 Axle capacity: 3,500 Lb. with 4" drop axle
- 2.17 Axle track: 84"
- 2.18 Hub pattern 5 lug
- 2.19 Type of lights: LED
- 2.20 Type of brakes: Electric on one axle
- 2.21 Springs: Leaf
- 2.22 Tire size: fifteen (15) inch eight (8) ply
- 2.23 Spare tire (option) yes
- 2.24 ~~Deleted~~
- 2.25 TT&L State inspection fee: Yes
- 2.26 TT&L Temporary tag: Yes
- 2.27 TT&L Documentation fee: Yes

**3.0 Water Tank Specification**

- 3.1 Minimum 200 gallon poly tank mounted center front of bed with minimum two (2) tie down straps with eight (8)" lid center mount and female threaded outlet on passenger short side of unit
- 3.2 Gallon unit capacity on tank
- 3.3 Polyethylene resin build
- 3.4 OEM color white
- 3.5 Preferred dimensions not to exceed: 48" Length x 36" Width x 38" Height

**SECTION B PART II TECHNICAL SPECIFICATIONS: (Continued)**

**ITEM NO. 3: TRAILER, TANDEM AXLE: (Continued)**

**4.0 Warranty:**

- 4.1 See Paragraph 7 entitled "Warranty" in Part I above. If the manufacturer's standard warranty is greater than the period specified in Paragraph 7 above then the contractor/supplier shall pass the greater/longer warranty to the City of Houston.
- 4.2 One year parts and labor on trailer and maximum warranty available provided for tank

**5.0 Literature:**

- 5.1 Manual to be furnished upon delivery of equipment: :  
**Online factory parts manuals/operators' manuals/service shop repair manuals or CD's**  
Two (2) complete sets of factory service shop repair manuals (Technical Service Manuals) for each unit  
Two (2) complete sets of factory parts manuals for each unit  
Two (2) complete sets of operators' manuals for each unit

**6.0 Training:**

- 6.1 Supplier will provide two (1) two-hour operators training and two (1) two-hour technical training at designated City facility.

**7.0 Delivery and Inspection:**

- 7.1 The item(s) specified above, with delivery tickets and/or other required documents shall be delivered FOB destination, full freight allowed (FFA), to the location shown on the Purchase Order.
- 7.2 Unit(s) shall new, clean and shall be complete with all equipment operable at time of delivery/ inspection.
- 7.3 Unit(s) shall be accompanied with a copy of the original invoice, warranty and/or Certificates as may be required.