

# City of Merced



## *Request for Bids* PORTABLE TRUCK SCALE

**For documents, questions, bid due date, and bid submission visit:**

[Cityofmerced.org/business-services/bid-opportunities](http://Cityofmerced.org/business-services/bid-opportunities)

## Overview, Qualifications, Definitions

### I. Overview of Requirements

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- A. City is seeking bids for one **PORTABLE TRUCK SCALE** per Exhibit A – Specifications as listed in the Bid Line Items.

### II. Bidder Qualifications

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- A. Bidders must be an authorized dealer for the specified equipment capable of selling, delivering, and servicing the items as specified in Exhibit A.
- B. Bidders must submit the **Specifications Compliance Certification** (see attached Required Forms) with their Bids indicating the manufacturer, model, trim (if applicable), and model year of proposed equipment. Failure to provide this certification form will eliminate the bidder from further consideration.

### III. Definitions, Acronyms, and Abbreviations

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- A. Bid Documents = City documents, forms, exhibits, etc. attached to eBid.
- B. Bidder = the prospective or actual bidder, but not awarded.
- C. City = City of Merced.
- D. Contractor = the awarded bidder.
- E. CR = City Representative.
- F. Bid = Bid submitted by bidders via mail or in person.
- G. RFB = Request for Bids: City-provided electronic documents/postings.

(CONTINUED ON NEXT PAGE)

**Exhibit A: Specifications**

**I. Specifications**

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**A. General**

1. **SUBSTITUTIONS** and **ALTERNATES** are **NOT acceptable** unless City has stated otherwise in the Specifications.
2. Do **NOT** include additional optional equipment or packages unless it is required by the manufacturer's standards to conform to our specifications.

**B. Bid Line Items**

1. One (1) fully self-contained portable truck scale 70 ft x 11 ft with 100,000 lbs. weighing capacity.
2. The unit will be designed and installed for operation with minimal staffing. The software included will allow for programming of vehicle numbering and tare weights for specific vehicles. Fully loaded vehicles can enter their vehicle identification which will generate delivered product weight on a weight tag for record keeping purposes.
3. Unit to be manufactured with 3/8" tread decking.
4. Unit to be equipped with 77,000 stainless digital cells and desktop indicator.
5. Unit to be equipped with a sight rail of single pipe construction 8" off deck height painted safety yellow for visibility.
6. Unit to be equipped with portable ramps 20 ft. X 11 ft. for entry and exit.
7. The steel ramps will be designed specifically for the unit with direction attachment to the frame end bulkhead.
8. Unit to be equipped with all required software, printers, cables, and digital display screen for operation.
9. Unit to be installed by the vendor and shall include labor, freight, and crane rental fees if applicable.
10. The City of Merced will provide a level and firm packed gravel surface for placement as well as the 110v power run to designated installation site.

## Portable Truck Scale Bid

MAIL SEALED BIDS TO:  
678 W 18<sup>th</sup> St Merced CA  
95340

CITY OF MERCED  
PURCHASING DEPARTMENT  
[purchasing@cityofmerced.org](mailto:purchasing@cityofmerced.org)

PARCEL POST OR HAND  
DELIVER BIDS TO:  
2525 "O" ST MERCED CA  
95340

### BID FORM

QUOTE HEREON YOUR LOWEST PRICE F.O.B. MERCED (INCLUDING BUT NOT LIMITED TO DISCOUNTS, REBATES, REGISTRATION AND OTHER FEES IN UNIT PRICE) FOR THE FOLLOWING EQUIPMENT, MATERIALS, SUPPLIES OR SERVICES. NO ALLOWANCE FOR FREIGHT, CARTAGE, PACKING, OR POSTAGE UNLESS SPECIFIED ON THIS BID. WHERE BRAND OR MAKE IS SPECIFIED, SIMILAR OR EQUAL WILL BE CONSIDERED.

#### SEALED BIDS DUE:

**Tuesday, August 20th, 2024 at 2:00 P.M.**

DEPT: **Land Application**

REQUISITION NO: **08202024**

QTY	UOM	DESCRIPTION	PRICING	
1	Each	Fully self-contained portable truck scale 70'x11' with 100,000 lbs. weighing capacity per specifications in Exhibit A & any addenda.	UNIT PRICE	<b>\$136,260.00</b>
		<b>Notice: Submit one original bid and one copy</b>		
			SALES TAX (8.25%)	<b>\$9,756.46</b>
			TOTAL AMOUNT	<b>\$143,016.46</b>

\* BID OPENING WILL BE HELD IN THE PURCHASING OFFICE CONFERENCE ROOM AT 2525 "O" STREET, MERCED, CA \*

We have stated hereon the prices at which we will furnish and deliver the equipment, materials, supplies or services as specified above.

Delivery and installation will be made in 56 days after receipt of order (A.R.O.), except as otherwise indicated.

**Note:** City reserves the right to reject any and or all bids, split the bid award, or to accept the bid that best serves the public purpose, even though it may not be the lowest.

COMPANY: Michelli Weighing and Measurement

BY: Gregory Dicker

TITLE: Regional Manager

SIGNATURE:

DATE: 8/8/2024

PHONE: 209-403-6359

EMAIL: [gdicker@michelli.com](mailto:gdicker@michelli.com)

PAYMENT TERMS: (Net 10, 30, 45)

**NOTICE:**  
**ALL BIDS MUST BE SIGNED**

**End of Exhibit A**



## Exhibit B: Pricing

### I. Quantities

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- A. The quantities are firm fixed quantities for this bid.
- B. City may purchase additional units at the same bid prices for up to one year at same price based on model availability and the exact same configuration as in Exhibit A-Specifications.

### II. Pricing

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#### A. Pricing Terms

- 1. **Unit Price:** includes everything, including but not limited to transportation, delivery, offloading; registering units with DMV; providing exempt status license plates; includes all preparation, documentation, and transfer charges; includes environmental and disposal fees; no other costs will be considered.
- 2. **Discounts:** all applicable discounts must be factored into the unit price.
- 3. **Fixed Unit Prices:** prices are fixed through the delivery period for all units.
- 4. **Government-Mandated Taxes and Fees:** must be included in unit prices.
- 5. **CA Tire fee:** is the per tire fee that the State of California assess, which is subject to change. This amount is included in the Bid as a fixed cost.
- 6. **Sales Tax:** City will add the appropriate sales tax to each order.

#### B. Disallowed Costs

- 1. **Business Permits, Licenses and Fees:** obtain, at Contractor's sole expense, all permits and licenses required in connection with providing the required units and in Contractor's name.
- 2. **Additional charges:** not allowed, no fuel surcharges, no mileage rates.

#### C. Bid Results Price Sheet

- 1. The award bidder's Bid Form, as accepted by the City, will be incorporated as part of Exhibit B.

END OF EXHIBIT B

### Bid Terms and Conditions

Specifications are intended to describe the specific type, size and quality of equipment which will best meet the demands of the City. They are not intended to favor any one brand or make. The mention herein of any name of equipment or material merely serves to specify the quality or general type required.

Machines or equipment must comply with current state and federal regulations.

All materials and auxiliary equipment shall conform to the size, quality, and quantity shown in the specifications. They shall be from new stock, delivered in good condition. No damaged items will be accepted.

City reserves the right to reject any or all bids and to waive informalities and minor irregularities.

The City reserves the right to determine which is the best bid considering price, quality, warranty and delivery within specified time limit, as well as any other criteria set forth in the bid.

Delivery time being of essence in the award of this purchase, all bids must specify delivery date on which the item(s) will be delivered. Supplier shall supply the goods and or perform the services, with the schedule and term, as specified herein. Time is of the essence. All items shall be delivered "free on board (F.O.B.) destination" to the location specified herein, full freight pre-paid except for special or expedited orders, which shall be agreed upon prior to shipment.

Successful bidder shall furnish the City's purchasing supervisor with all technical information on items listed in the specifications of the bid.

Price bid shall be the maximum prices paid by the City of Merced. Price quoted shall include taxes. The City is exempt from all Federal Excise Taxes.

Price shall include license, registration, tire, and any other relevant fees. Bidder agrees to register all vehicles with the California Department of Motor Vehicles (DMV) prior to delivery.

All invoices and correspondence shall show the number of the contract or purchase order issued to the bidder awarded.

If Bidder submits a bid for alternate items, Bidder shall fill out additional bid sheets, fully explaining the differences and any perceived advantages of said items.

Bidder's security in the form of a bid bond, certified or cashier's check issued by a responsible bank or banker of the State of California in the amount of 10% of the total net amount of the bid, and payable to the City of Merced must be attached to the bid proposal only when required. Bidders shall be entitled to return of bid security; however, a successful bidder shall forfeit his bid security upon refusal or failure to execute the contract within ten (10) calendar days after the notice of award of contract, unless the City is responsible for the delay. City Council, on refusal or failure of the successful bidder to execute the contract, may award it to the next lowest responsible bidder, the amount of the lowest bidder's security shall be applied to the contract price differential between the lowest bid and the second lowest bid. Surplus, if any, shall be returned to the lowest bidder.

**Conflict of Interest:** Bidder certifies that no City officer, employee, or authorized representative has any financial interest in the business of the bidder and that no person associated with the bidder has any interest, direct or indirect, which could conflict with this bid. The bidder is familiar with the provisions of California Government Code section 87100, *et seq.*, and certifies that it does not know of any facts which would violate these laws. Bidder will promptly advise City if a conflict arises.





Sales and Service Of: Industrial Scales • Weighing Systems •  
Laboratory Balances • Force Measurement • Torque & Bolting Tools  
Calibration Laboratory Services Offered For: Scales, Balances, Force,  
Torque, Mass, Pressure, Temperature & Electronic Test Instruments

## QUOTATION

City of Merced	
Quote Number	Date
50847	08/08/2024
Payment Terms	Valid Until
TBD	08/18/2024
Prepared For	Quoted By
City of Merced 678 W. 18th St Merced, Ca 95340 Attn: Juilo Marquez marquezj@cityofmerced.org 209-385-6833	Greg Dicker Michelli Measurement Group, LLC 2334 Stagecoach Rd., Suite E Stockton, CA 95215 gdicker@michelli.com (209) 403-6359

Qty.	Item / Part / Model#	Description	Unit Price	Amount
1	CT-7011-DT-PORT	Portable Truck Scale with DD-700 Indicator	81,120.00	81,120.00
70	TS-SR-SP-8H-SY	Sight Rail, Single Pipe, 8" Height, Safety Yellow	85.00	5,950.00
2	PORT-2011-RAMP	Portable Truck Scale Ramp	13,360.00	26,720.00
1	878-100009	ScaleSoft Lite	2,570.00	2,570.00
1	899-SUPPORT	SYSTEMS SUPPORT	1,600.00	1,600.00
1	46285-0017	HP Laser Jet Printer	300.00	300.00
Installation - Calibration - Perv Wage			7,500.00	7,500.00
Crane Rental for offloading and setting scale and ramps			3,000.00	3,000.00
<b>Availability: 8 Weeks</b>			<b>Subtotal</b>	128,760.00

**Financing available:** If interested in financing your total purchase, to calculate quote estimates and submit a preliminary application, visit <https://www.michelli.com/financing/>.



**Michelli Measurement Group, LLC**  
[www.Michelli.com](http://www.Michelli.com)

ISO 9001 Registered  
ISO/IEC 17025 Accredited

Sales and Service Of: Industrial Scales • Weighing Systems •  
Laboratory Balances • Force Measurement • Torque & Bolting Tools  
Calibration Laboratory Services Offered For: Scales, Balances, Force,  
Torque, Mass, Pressure, Temperature & Electronic Test Instruments

## QUOTATION

**Comments:** B-Tek Truck Scale Comes with factory 10 yr on all steel, load cells and electronics.

Portable Truck Scale is 70' long by 11' wide with 200,000 lb weighing capacity exceeding 100k requirement

Scale comes standard with 3/8 deck plate

Scales comes with stainless digital load cells 77,000 lb capacity each

Scale comes with sight rail 8" off deck height painted safety yellow

Quotation does not reflect sales tax - see city of Merced bid sheet for sales tax

All major credit cards accepted, surcharge may apply.

<b>Tax</b>	Added at Invoice
<b>Estimated Shipping</b>	7,500.00
<b>Total</b>	136,260.00

**Financing available:** If interested in financing your total purchase, to calculate quote estimates and submit a preliminary application, visit <https://www.michelli.com/financing/>.



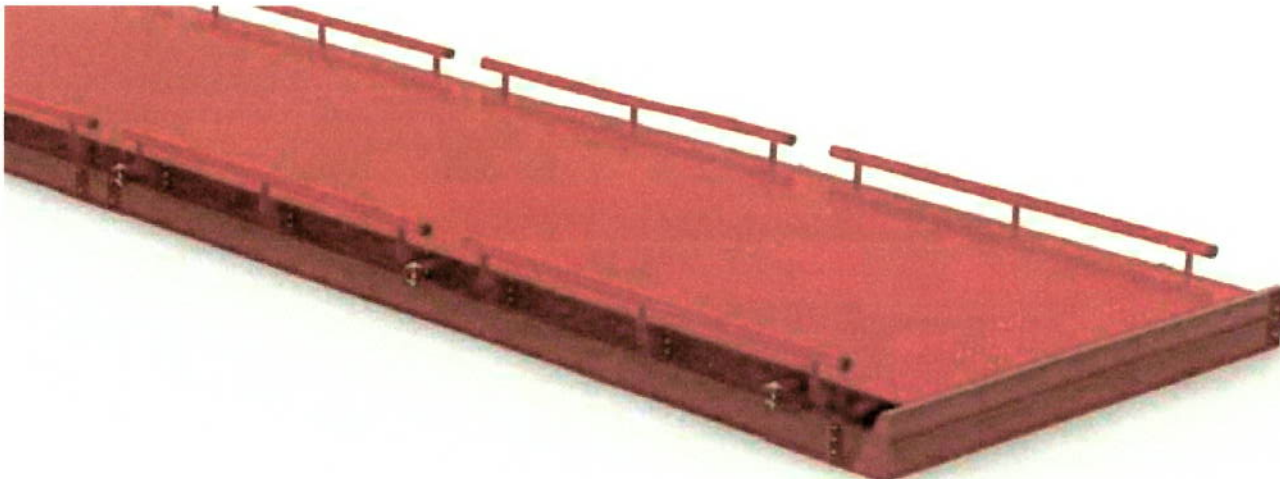
# Portable Truck Scale

## Centurion Self Contained Portable



### GENERAL SPECIFICATIONS

- Certificate of Conformance: 03-096A3
- Type: Centurion scale with full portability frame and (2) integral reinforced bulkhead assemblies. Full length channel frame with lock-down tabs to tie the weighbridge and frame together for transport without disassembly of load cell mounts.
- Scale Capacity: Up to 270K lb
- Concentrated Load Capacity: 100K lb
- "r" Factor Rating: 2.94
- Scale Height: 17"
- Available Widths: 10' & 11' standard widths (12' by request)
- Weighbridge Deck: 3/8" tread plate decking - welded to Quad Beam weighbridge
- Steel Preparation: Commercial blast cleaning SSPC-SP6
- Paint System: Cross-Linked two-part Epoxy primer base coat followed by two-part Polyurethane top coat
- Load Cell Analog: 77K CPR-M analog compression-column load cell, 700 Ohm, 2 mV/V  
Stainless steel hermetically sealed (IP68) construction
- Load Cell Digital: 77K CPD-M digital compression column load cell, RS-485 digital output  
Stainless steel hermetically sealed (IP68/69K) construction
- Load Cell Cable: Stainless steel sheathed cable with clear polymer protective coating
- Junction Box Analog: NEMA 4X/6P UV resistant polycarbonate enclosure(s) and B-TEK 4-cell summing board with GDT surge protection
- Junction Box Digital: NEMA 4X stainless steel enclosure(s) and 8-cell terminal board with GDT surge protection
- Surge Protection: CPR-M analog load cells utilize ground straps and base plate isolation disc  
Surge protection enhanced by Tripp Lite Isobar Ultra 4-Outlet line transient protection device
- Warranty: 5-Year weighbridge warranty covering defects in materials and workmanship  
5-Year components warranty covering defects in materials and workmanship  
5-Year surge / lightning warranty covering CPR-M or CPD-M load cells and summing boards
- Indicator: *Not included with analog cell version - DD 700 ABS Included with digital cell version*



**Scale includes:** weighbridge modules, fully assembled weighbridge factory assembled into frame, weighbridge checking system, load cells, load cell base plates, shim kit for each base plate, FRP or stainless junction box, Tripp Lite Isobar Ultra 4-outlet surge protection device, all ground cables and rod, weighbridge cable conduits and (2) order specific scale / foundation prints.

**Scale does not include:** Scale indicator (CPR-M version), printer, homerun cable, anchors and freight cost to site and any other required permits.

# DD Indicators

## DD 700



### STANDARD FEATURES

- Desktop mount molded ABS plastic enclosure
- High visibility backlit LCD full graphic display
- Membrane keypad with 18-keys
- Text-based configuration menus
- Extensive built-in diagnostic screens
- Time and date
- Hot keys for frequent functions
- Export transaction data to USB flash memory
- (2) "Plug & Play" option card slots
- (1) USB host (Type A) port
- (1) USB serial (Type B) port
- (2) isolated dry contact inputs
- (2) relay outputs (24 V(AC/DC) @ 190mA)
- (1) RS-232 serial port
- (1) RS-232 / RS-422 / RS-485 configurable port
- Six built-in language choices
- NTEP COC: 15-113
- CANADA: AM-6012



### TECHNICAL FEATURES

Power Supply Input / Output	110-240VAC / 50-60HZ input / 12VDC output / external desktop unit
Maximum Power	60 watt
Weight Repeater	Yes, via parameter configuration, analog or digital scale
Analog Scales (AS)	One analog scale input standard / two analog scales (multiplexing )
Max Load Cells (AS)	(12) 350 Ohm cells or (24) 700 Ohm cells
Minimum Impedance (AS)	29 Ohm
Load Cell Power Supply (AS)	5 VDC
Internal Resolution (AS)	1,000,000 points @ 10Hz
Maximum Input (AS)	30 mV
Sensitivity (AS)	0.5 $\mu$ V / division
Digital Scales (DS)	One digital scale input standard
Max Load Cells (DS)	(12) CPD-M digital load cells
Load Cell Power Supply (DS)	10-15 VDC
Internal Resolution (DS)	200,000 points @ 25Hz
Case Protection / Terminations	IP20 / exposed terminal connections on rear of enclosure

Standard Software	Single weighing / Double weighing (truck in/out)
Optional Software	Counting scale

Optional USB Keyboard	Computer QWERTY keyboard can connect to USB port
Option Card	DD 700 Ethernet TCP/IP Option Card
Option Card	DD 700 Single Serial RS-232 / RS-422 / RS-485 Option Card
Option Card	DD 700 4-Input / 4-Output Option Card
Option Card	DD 700 MPP Memory Option Card
Option Card	DD 700 Ethernet IP Option Card
Option Card	DD 700 Profibus DP Option Card
Option Card	DD 700 Analog Output 0-10VDC / 4-20mA Option Card



# SCALESOFT .NET

Your industrial weighing systems demand power to ensure accuracy and reliability. That power stems from our uniquely developed software, ScaleSoft .NET. Encompassing more than scale traffic monitoring, ScaleSoft .NET can track materials, sales orders, invoices, and more. Our software provides the flexibility to be used in any industry such as aggregate yards, coal mines, farming, recycling centers, waste transfer centers and more.

NTEP approved, ScaleSoft .NET Truck Management System Software is designed to be fast, flexible and easy to use. It allows for simple fill in the blank setup and configuration within a familiar Windows-based application environment.



## Truck and Rail In/Out

Track products, trucks, rail cars and more through manual entry or RFID technology. ScaleSoft .NET is designed to be flexible to fit almost any weighing operation or process.



## Data Entry

ScaleSoft .NET's intuitive and familiar Microsoft-style interface gives operators the ability to easily enter all setup information about drivers, trucks, haulers, customers and more.



## Invoice Generation

Generate and send invoices to your customers daily, weekly, monthly or on any schedule you prefer. Invoices can then be sent to your QuickBooks desktop software for accounting purposes.



## Reporting

Create new reports or customize the provided reports with the built-in drag and drop designer. Utilize over 20 built-in report variations as is or use them as templates to design your own custom reports.

# SCALESOFT LITE

For basic ticketing and reporting needs on a single truck scale, we offer ScaleSoft Lite. If there's no need to take payments, manage multiple users or track inventory, ScaleSoft Lite is perfect for your weighing application.

## ASP .NET ADD-ON

Allow authorized users on the network to access the ScaleSoft database. Edit data and generate reports through a web browser.

\*Note: not intended for live scale weight readings

## UNATTENDED ADD-ON

Unattended software integrates advanced DD Series indicators with ScaleSoft .NET and ScaleSoft Lite. It's highly configurable and will easily guide drivers through a series of prompts that can be customized down to the individual kiosk level for applications such as inbound and outbound traffic.



	ScaleSoft Lite	ScaleSoft .NET
Unlimited Customers	✓	✓
Unlimited Products	✓	✓
Unlimited Haulers	✓	✓
Stored Truck Tares	✓	✓
Export Data	✓	✓
View and Print Reports	✓	✓
Included Reports	20+	20+
Utilize any Indicator <sup>1</sup>	✓	✓
Customizable Ticket Headers	✓	✓
Remote Zero of Scale <sup>2</sup>	✓	✓
Support up to 4 Platforms for Axle Weighing	✓	✓
One Year Technical Support	✓	✓
Unlimited Sales Orders (jobs, projects, etc.)		✓
Generate Invoices		✓
Scheduled Report e-mailing		✓
Roll-Off Containers		✓
Rail Cars		✓
Hauling Rates		✓
Inventory Tracking		✓
Customer Specific Pricing		✓
Scan and Attach Documents		✓
Integrated Report Designer		✓
QuickBooks Integration		✓
Process Credit Card Transactions <sup>3</sup>		✓
Multiple Scale Support		✓

<sup>1</sup>Requires serial connection or simple text stream

<sup>2</sup>Requires indicator that support remote zero commands and the B-TEK or Bilanciai extended format

<sup>3</sup>Requires Authorize.NET payment gateway

## PERIPHERIAL SUPPORT

	ScaleSoft Lite	ScaleSoft .NET	ScaleSoft Unattended
Scoreboard			✓
Intercom			✓
RFID Reader			✓
Off-scale photo eyes			✓
Traffic light			✓
Network (IP) camera <sup>1</sup>		✓	✓
Credit card reader <sup>2</sup>		✓	✓
Signature Tablet	✓	✓	

<sup>1</sup>Requires simple URL to return a static image. Contact support for compatible camera models

<sup>2</sup>Contact support for compatible models

## TECHNICAL SUPPORT

One year of technical support is included with the purchase of the ScaleSoft software. Technical support includes telephone and e-mail assistance with technical issues, problems that you might encounter, and general usage questions. Installation, on-site or remote training, software customizations and report customizations are not covered and will be quoted accordingly. One year of support begins after initial end customer training session. Training to be provided by authorized distributor or purchased from B-TEK Scales.

**B-TEK Scales, LLC • 1510 Metric Ave. S.W. Canton, OH 44706 • 800.266.8900 • Fax: 330.471.8909**