



Prepared For

Webb County Texas Government

Sylvia Diaz

By

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Quotation **Quote #: QUO-08884-Z8P8S7**

Full Terms and Conditions Can Be Viewed [Here](#)

To: Webb County Texas Government Diaz, Sylvia 1110 Washington Street Ste. 101 Laredo, TX 78040 United States Phone: (956) 523-4128 Fax: (956) 523-5010	From: Tetzlaff, Mike E-mail: miket@intercompcompany.com Phone: +1 763 476 2531
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Summary

Shipping Method:	TBD	Date:	June 12, 2020
Shipping Terms:	ORIGIN	Valid Until:	July 31, 2020
Payment Terms:	NET30	Estimated Lead Time (Days):	120

Items

Item ID	Item Description	Unit Price	Quantity	Ext. Amount
160005-NY-RFX	AX900-05 LAW WIRELESS ALUMINUM AXLE SCALE 14' W/-RS TRAILER Includes: AX900-05-RFX 14'FT (4—7'ft) Aluminum Wireless Axle Scales w/Ramps (1)-PT20-RFX UCPU/Indicator w/Batteries & 110VAC Power Supply (1)-Indicator Stand-Aluminum (2)-50'FT L_AX900 to PT20UCPU-Home Run Cables w/Connectors (4)-15'FT L_AX900 Scale to Scale Interconnect Cables w/Connectors (1)-AX900-TR-Custom Trailer (Black) w/Rollers, Overhead Storage/Sign Box, Dual Winches, Hydraulic Tilt, & Tarp	\$54,545.00	1	\$54,545.00

Comments

Estimated Lead Time ARO: 90-to-120-Business Days
 Payment Terms: NET 30 Days on Approved Accounts by Intercomp
 F.O.B.: ORIGIN (Medina, MN 55340)
 Shipping Method: TBD via Flatbed Carrier
 Estimated Freight Only Based Upon Current 30-Day Rates Shipping to Business
 Address in Laredo, TX 78040

Freight Amount	\$2,450.00
Total	\$56,995.00

Terms and Conditions

This quotation does not reflect applicable taxes, customs fees, duties, freight charges, etc. which may apply to this order. Lead times are estimates only and subject to reconfirmation at time of order. Unless otherwise stated, this quotation and any sale resulting thereof incorporates Intercomp general Terms & Conditions of Sale dated 8/1/2010 which can be found at <http://www.intercompcompany.com/terms-and-conditions> or by request to Intercomp.



AX900™ Axle Load Scales

Semi-Portable, Highly Durable Weigh Bridges Available in a Variety of Lengths



STATIC AXLE LOAD



Industry's Lowest Profile at Just 3.6" Allows for Easy Approach & Accurate Weighing in Non-level Conditions

AX900- Series Axle Scales are semi portable, highly durable, and are available in a variety of lengths to weigh single and multi-axle groups. Transported by truck or trailer, these systems allow you bring the scales to areas not served by permanent truck scales. **RFX- AX900- Series Wireless Axle Scales** are the Industry's only wireless models and free you from cables and allow flexible options for data collection.

At just 3.6" high, the AX900- is the industry's lowest profile axle scale which guarantees best in class accuracy when weighing axles by groups. Scales are NTEP class III certified for direct law enforcement and capable of providing axle, axle group and gross vehicle weights. Built for high volume weighing in rugged conditions and unimproved surfaces, stainless steel, hermetically sealed, NTEP/OIML certified load cells provide the necessary environmental protection.



AX900™ for Direct Enforcement

- Cable-Free Weighing
- Quick Roadside Setup
- Low-Profile Weigh Bridges
- Capture Axle, Group & GWW
- NTEP Certified for Direct Enforcement



AX900™ Axle Load Scales



AX900™ Axle Scales

Systems are available in wireless or wired. Calibration is stored at the scale as opposed to the indicator providing users with total interchangeability of all decks, cables, components and indicators. All models communicate with a wide variety of indicators and software to fit your requirements for data gathering.

PT20™ Weighing CPU



Provides the ability to process weight related data and is self-enclosed with a thermal printer in a rugged, all-weather case for use in even the most remote locations. Collect & Totalize Axle Weight, Gross Weight, Vehicle ID & Class for Ticketing and Reporting.

Optional Trailer for Easy Transportation to Enforcement Site



RFX™ Wireless Scales: Cable-Free Digital Scales for Efficiency & Safety

- 60,000lb (30,000kg) to 100,000lb (50,000kg) Platform Capacities
- Ultra-Low 3.6" Profile Scale Pad
- 7', 12.5' & 14' Modular Deck Configurations Sized for Single, Double, Triple, Quad & Spread Axles
- Fully-Electronic, Stainless Steel, Hermetically-Sealed Load Cells are NTEP Certified to 5,000 Divisions
- Wireless Output for Quick Set-Up & Eliminates Hassles of Cabling Decks to Indicators
- NTEP Class III Certified for Law Enforcement in Wireless & Wired Configurations
- Trailers with Flatbeds, Rollers & Overhead Storage Available

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Specifications subject to change without notice.



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Commercial Specifications For Intercomp AX900 Semi-Portable Axle Scale & Transport Trailer

1. **SCOPE/INTENT.** These specifications will cover an above ground, lightweight, semi-portable axle scale. The scale system will be used for commercial vehicle weight enforcement, specifically to determine individual axle, group axle, and gross weights of commercial vehicles. The axle scale system is classified as semi-portable capable of being transported via an axle scale trailer on open road. Each axle scale system will consist of one (1)-pair of 14'ft. digital cabled or wireless weighing platforms (4ea weigh pads), a digital electronic indicating element connecting to the weighing platforms via digital cable or wireless, and a scale transport trailer. The axle scale system must be NTEP Class III certified by U.S. National Institute of Standards and Technologies for overweight enforcement, and the transport trailer must be compatible with the scale system manufactured in compliance with NATM standards.

2. SALIENT CHARACTERISTICS.

2.1 General. The weighing system shall be suitable for outdoor use, easy to use, maintain and repair. It shall be durable, reliable, and free of defects affecting performance, strength and safety. It shall be complete when installed, including all items needed to weigh vehicles.

2.2 Accuracy. The scale system shall measure axle loads accurately and repeatable, over the weighing range, within +/- 50 lbs. The allowable error includes all error effects, including calibration uncertainty, display increment rounding, loading errors, creep over 30 minutes, temperature variation of +/- 5 degrees Fahrenheit, non-linearity, and zero shift.

2.3 Components. The Weight Enforcement System shall include four main components:

1. One System 14' ft. (2-pair of 7' ft. Long) platform/axle scales, with digital cabled or wireless output
2. Digital (Cabled or Wireless) PT20 CPU with built-in printer & memory record storage
3. Digital cabling with quick disconnect connectors
4. Scale System Transport Trailer

Desired Type is determined by length of each deck and total system capacity:

Type 14 ft. (120,000 lb. capacity) applicable for single/tandem/triple axle groups (4 – 7'ft. platforms)

2.3.1 Platform/Axle Scale. Height of each deck shall not exceed 3.6 inches nor shall the width exceed 32 inches. The deck shall be of lightweight aluminum with diamond tread plate surface construction. Ramps shall be affixed to each end of each deck, shall be easily detachable, and be no more than 18"-inches in length. The scale shall withstand up to a 50% overload with no change in calibration and 100% overload with no damage.

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The Platform/Axle Scales must provide digital output communication when connected via digital cable or wireless to the digital PT20 CPU/Indicator. Each platform must perform its own analog to digital conversion, enabling the calibration and other relevant performance data to be stored at each platform/axle scale independently. The digital signal provides the following benefits: a strong & clear signal less susceptible to interference, interchangeability of all cables, CPU's/indicators; and platforms without recalibration of the scale system.

2.3.1.1 Load Cell. Each platform/axle scale shall use four (4)-fully electronic shear beam type load cells; NTEP certified to 5,000 divisions by National Institute of Standards and Technologies. The load cells shall be hermetically sealed and of stainless steel construction for environmental protection. The load cells shall be commercially available. Any scale using proprietary, mechanical or hydraulic load cells will not be accepted. The load cells of each platform/axle scale shall be summed to provide one digital output signal. The one output signal shall be digital to enable any of the systems' cables or indicators to be connected to the scale without having to perform calibration.

2.3.2.1 Cables. To minimize the amount and distance, two or three 15 ft. digital interface cables shall connect the platforms/axle scales. One or two 50 ft. digital interface cables shall connect the platforms/decks to the CPU/indicator. Quick disconnect metallic connectors and cables are to be interchangeable with any system of the same make and model without requiring calibration.

2.3.3 Digital Input CPU/Indicator. Shall communicate with the decks and serve as a means of displaying, printing, and/or saving weighing records. The CPU/indicator shall communicate with the deck scales via a digital cabled or wireless signal. Analog signals will not be accepted. The indicator is to be interchangeable with any scale or system of the same make and model without requiring calibration. At a minimum, the CPU/indicator functions should include on/off, zero, clear, axle accumulation, screen adjust, back light, low battery indicator, reset, and time and date. The CPU/indicator shall be capable of saving records, and provide RS232 and USB outputs for interface to computer or a remote display, and download saved records to a USB flash drive.

The Intercomp PT20 CPU is designed with a built-in thermal printer in an IP52 (Open)/IP67 (Closed) environmentally hardened case. The CPU has storage capabilities of over 2000 weighing transactions which can be exported via RS232, USB, or USB flash drive. The alpha-numeric keypad allows optional data entry of VEHICLE Information (DOT#, Owner/Driver, License Plate #, Plate State, FHWA Class, Notes, and/or VIN #) and USER Information (Scale Location, Scale User, Supervisor, and (1) Optional Field). All VEHICLE and USER fields are optional, and will only appear on printed tickets or saved records when entered. All saved records can be recalled for printing or export.

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2.3.3.1 Display. Must be capable of simultaneously displaying the individual applied axle weight, accumulative axle group weight, and total weight.

2.3.3.2 Printer. Individual axle and/or group weight(s), total weight, date, time and vehicle ID must be capable of being printed via a self contained thermal printer.

2.3.3.3 Power. Cabled weighing platforms are powered by DC power provided by the PT20 CPU/indicator containing (6) "D"-size NiMH (standard) or NiCad rechargeable, or Alkaline batteries. All battery types must be commercially available. Optional universal 12V DC power kits may be included. 12V AC power will not be an acceptable means. Wireless weighing platforms are powered by (4) "D"-size Alkaline batteries.

2.3.3.4 Gravitational correction factor. The scale shall be calibrated to standard gravity (acceleration due to gravity equals 32.174 ft./sec sq. at 45 degrees latitude and sea level). The last entered latitude and elevation shall be stored at power up. The user shall be able to input and store the local latitude and elevation so as to correct for the effects of gravity should the indicator be used at a geographical position which differs from the last stored value.

2.4 Calibration. The scale shall be easily calibrated and the calibration protected against accidental destruction. The user shall not be required to use calibration curves. All adjustments shall be entered via the indicator's keypad.

2.4.1 Documentation and equipment. Calibration tag(s) shall be placed on the scale. Calibration certificates or reports and any special tooling or equipment required for calibration shall be supplied with the weighing system (does not include dead weights).

2.4.2 Calibration interval. The scale shall indicate within tolerance over a one year calibration interval.

3.0 DRAWINGS & CERTIFICATIONS

3.1 Approved Drawings. Supplied with entire system to enable proper installation and service.

3.2 Approved Models. Any offered model must be NTEP certified as a class III device by the National Institute of Standards and Technologies. All offers must include a current copy of this certificate.

3.3 Field Usage. Scales offered by the bidder must have been in use by a state law enforcement agency for a minimum of one year.

Commercial Specifications For Intercomp AX900 Semi-Portable Axle Scale & Transport Trailer

3.4 References. Bidders are required to provide with their offer a list of references from three state agencies using the same type of scale for overweight vehicle enforcement.

4.0 DOT Approved Class IV Trailer Specifications

4.11 Construction. Base model trailers shall be a 7,000/lb. GVWR drop deck tilt design with dual 6,000/lb. drop axles; constructed of welded steel with a deck construction of smooth plate steel. Trailers must be of a tilt-bed design to facilitate the ease of loading and unloading of the axle scales. Trailer must be built to conform with the NATM (National Association of Trailer Manufacturers) published guidelines for trailers weighing less than 26,000-pounds.

4.12 Frame Construction. The main frame construction shall be constructed of sturdy six (6)-inch steel channel with structural support members to resist twisting of the frame or equivalent. The tongue area shall be constructed of sturdy three (3)-inch square steel tube.

4.13 Pan/Floor Construction. The trailer deck/pan shall be constructed on (10 to 14-gauge) 3/16"-smooth plate steel, chain welded to the frame construction, and cover the entire tilt-bed portion of the trailer to protect the underside of the scales. The rear (tail end) pan area must be flared and equipped with a steel approach ramp to facilitate the ease of scale loading and unloading. Scale System slider bed strips shall be fastened to the trailer floor/pan as a standard for wear resistance when loading and unloading the scales. Roller Decks are optional, (See Section 4.3.1).

4.14 Fender Construction. The trailer fenders shall be full radius design, with gusseted supports, and be constructed of ten (10)-gauge steel, and have an overall width of (9)-inch per fender.

4.15 Dimensions/Weight. The overall trailer length shall not exceed 22' feet, and the overall width shall not exceed 96"-inches. The inside pan/floor dimension shall be a minimum of 74"-inches. The overall tongue dimension shall not exceed 64"-inches. The approximate trailer deck height towing height shall be 16"-inches unloaded, 14"-inches loaded. Trailer Weight varies with Models and Options. Base models start at 3,500/lbs to Deluxe models at 6,500/lbs.

4.16 Axles/Hubs. The trailer shall be equipped with two (2)-6,000/lb. Dexter or equivalent drop axles with E-Z Lube 6-bolt hubs. The suspension shall consist of four (4)-Dexter or equivalent leaf spring assemblies.

4.17 Brakes. The trailer shall be equipped with electric actuated FSA (forward self-adjusting) drum brakes on all wheels and include an installed breakaway device on the tongue to active the brakes in case of a trailer detachment from the tow vehicle.

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4.18 Wheels/Tires. The trailer shall be equipped with five (5)-tubeless radial highway trailer tires (includes spare tire and wheel mounted in front of the curbside fender), Load Range "C", size ST225/75R15 D, mounted and electronically spin balanced on white mod. Fifteen (15")-inch, six-(6)-bolt trailer wheels.

4.19 Hitch Type. The trailer will be equipped with a (2-5/16") adjustable ball type coupler; and two (2)-safety chains with safety latch hooks, 3/8"-size minimum, for coupling to the tow vehicle. The hitch height is adjustable, with a standard towing height set at (16")-inches unloaded, (14")-inches loaded.

4.2 Jack. The tongue jack at a minimum should be a 7,000-pound drop leg manual crank to support the trailer when not being towed.

4.2.1 Electrical Plug/Wiring. The trailer electrical plug must be a 7-pole RV connector with a seven-conductor jacketed cable extending a minimum of two (2)-feet beyond the hitch coupler wired to charge the winch/hoist battery from the tow vehicle while in transit. All electrical wiring connections and splices must be sealed and end in a weatherproof junction boxes. All wiring must be encased in a loom or harness and supported by clips or clamps at regular intervals. All wiring being routed through holes in beams and tubing must be supported with a grommet material, and not supported with silicone.

4.2.2 Lighting/Reflectors. The trailer shall be outfitted with LED lights with a sealed wiring harness mounted on the rear light bar consisting of two (2) stop, tail, and turn signal lamps. A license plate light, and 3/16" plate support bracket, shall also be mounted on the rear light bar. Two side (2)-yellow running lights shall also be installed on each side of the trailer in conformance with SAE and ATA standards. Each trailer shall have four (4)-red reflectors installed on the outside of the light bar at the rear of the trailer, and (2)-yellow reflectors installed on each side of the pan/tool box area at the front of the trailer.

4.2.3 Winches. The trailers must be equipped with two (2)-each Warn, or equivalent, 12VDC electric winches and controls to be powered from a 12V battery included in the front tool box area located on the tongue. The winches must have a 3,500/lb. vertical lift capacity and include a 7/32"-diameter rust resistant steel cable with safety latch hooks and safety chains to assist in the process of loading and unloading the scales. Winches shall be mounted on top of the tilt bed at the front of the trailer with protective plexi-glass covers and the controls being wired and housed in the front tool box area located on the tongue.

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4.2.4 Hydraulic Tilt Package. The trailer tilt-bed shall be powered up and down by a 12VDC Electro-Hydraulic (4-ton) capacity system to load and unload the scales. The hydraulic reservoir, tilt control, and 12V battery shall be mounted in the front tool box area located on the tongue. A locking safety latch must be included and installed on the front tilting portion of the trailer for highway travel. Two (2)-scale tie down bars are standard on the base trailer model; and two-(2)-2"x9'ft. nylon straps with flat hooks and full width scale lock bar are standard on trailer models with roller, or rollers with overhead storage.

4.2.5 Tongue Tool Box. The trailer must be equipped with a steel, lockable, storage compartment built onto the tongue are to house the 12V battery, hydraulic pump, fluid reservoir, hoist and winch controls, and include a (3-3/4")-inch tall aluminum tool tray for spare parts.

4.2.6 Paint. The trailer must be treated with a minimum of one (1)-base coat of rust proof primer and two (2)-coats of black automotive quality enamel, acrylic, or polyurethane paint.

4.3 OPTIONAL TRAILER SELECTIONS/ACCESSORIES

4.3.1 Scale Rollers. The trailer deck/pan area shall have heavy duty split roller sections mounted to the smooth steel deck/pan plate on each side of the center divider to ease loading and unloading of the scales. Rollers must be between 1.75" to 1.9"-diameter, and must be sealed, lubricated ball bearing type. Rollers are galvanized and the roller frames are zinc plated. NOTE: In lieu of standard scale slider bed strips.

4.3.2 Overhead Storage/Sign Compartment. A raised storage compartment/box must be installed above the fenders and be approximately 39.5"-inches above the main trailer deck/pan. The aerodynamic storage compartment/box dimensions must be approximately 120"-inches long X 72"-inches wide X 18"-inches high, and include single drop down doors on both outsides/long sides of the compartment/box. Each drop down door must have two (2)-each lockable "T" or "D"-handle latches with keys.

4.3.3 Custom Scale Tarp. Custom made industrial scale tarp with zippers and latches to cover scales on trailer.