

## STATEMENT OF WORK

### TRAFx Counters, Displays, and Docks

**\*Please note that this is a no substitute solicitation\***

#### I. SCOPE OF WORK:

The Department of Conservation and Natural Resources, Bureau of State Parks, requires a vendor to supply an estimated quantity of the following items over the next five-year contract period.

- One hundred fifty (150) TRAFx Vehicle Counter Generation 4 (Vehicle/OHV, Mountain Bike) Counters with weatherproof cases,
- Thirty (30) TRAFx Infrared Trail Counters Generation 4 with weatherproof cases,
- One hundred eighty (180) Mounted LCD tally displays
- Thirty (30) TRAFx Docks.

#### II. CONTRACT REQUIREMENTS:

Supply the following items (note, quantities are estimated for the entire life of the contract and are not guaranteed):

##### **TRAFx Vehicle Counter Generation 4 (Vehicle/OHV/Mountain Bike) with weatherproof field cases.**

- GENERAL: Pre-programmed and ready to use as the TRAFx OHV Counter, single lane and two-lane counting, user programmable modes/settings, hourly or daily totals, flexible installation options, color-coded LEDs that indicate status of operation, digital readout of battery voltage level, auto low battery warning, user replaceable parts
- CASE: 5.5" x 4.1" x 2"; self-contained, weatherproof
- WEIGHT: 8.8oz (without batteries)
- POWER: Three "C Size" alkaline batteries (not included) (e.g., Energizer)
- DIGITAL MEMORY DESIGN: Data and settings are retained even when batteries are replaced or die
- TIME KEEPING: Quartz clock; 10ppm accuracy @20C
- OPERATING TEMPERATURE: -40F to 131F
- SENSOR TYPE: Low-field geomagnetic
- DETECTION RANGE: 8m (26ft) max for most passenger vehicles
- DATA TYPE: ASCII; .txt file type
- COMMUNICATIONS: RS232 serial; 115,000 baud
- OTHER: Gold-plated circuit board; two coats silicon (anti-moisture); ESD protection and short circuit protection; RoHS (lead-free)
- LIMITED WARRANTY

- EMI COMPLIANCE: FCC, IC, CE

#### **TRAFx Infrared Trail Counters Generation 4 with weatherproof field cases**

- GENERAL: High-quality infrared scope, flexible installation options, hourly or daily totals, user programmable settings, color-coded LEDs that indicate status of operation, digital readout of battery voltage level, auto low battery warning, user replaceable parts
- CASE: 4.3" x 2.8" x 1.5"; self-contained, weatherproof
- WEIGHT: 6oz (without batteries)
- POWER: Three "AA Size" alkaline batteries (not included) (e.g., Energizer)
- DETECTION RANGE: 20ft
- DATA TYPE: ASCII; .txt file type
- DIGITAL MEMORY DESIGN: Data and settings are retained even when batteries are replaced or die
- TIME KEEPING: Quartz clock; 10ppm accuracy @20C
- OPERATING TEMPERATURE: -40F to 131F
- SENSOR TYPE: Thermal infrared microsensor
- COMMUNICATIONS: RS232 serial; 115,000 baud
- OTHER: Gold-plated circuit board; two coats silicon (anti-moisture); ESD protection and short circuit protection; RoHS (lead-free)
- LIMITED WARRANTY
- EMI COMPLIANCE: FCC, IC, CE

#### **Mounted 6-digit LCD tally display on counters (TRAFx Generation 4 model)**

- One for each of the (150) TRAFx Vehicle Counter Generation 4 (Vehicle/OHV, Mountain Bike) Counters and (30) TRAFx Infrared Trail Counters Generation 4 with weatherproof field case.
- Shows a simple running total

#### **TRAFx Docks Generation 4**

- For configuring and downloading counters
- Storage of approximately 275,000 lines of data
- Dual mode: PC and Shuttle Mode
- Field Case
- Cables, Manual and Disc included
- SIZE: 3.4" x 2" x .8"
- WEIGHT: 2.5oz (without batteries)
- POWER: Three "AAA size" alkaline batteries (not included) (e.g., Energizer)
- DIGITAL MEMORY DESIGN: Data retained even when batteries are replaced or die
- TIME KEEPING: Quartz clock; 100ppm accuracy at 20C
- OPERATING TEMPERATURE: -4F – 140F
- COMMUNICATIONS: RS232 serial; 115,000 baud; USB adapter

- OTHER: Gold-plated circuit board, silicon coated (anti-moisture); ESD and short circuit protection, RoHS (lead-free)
- EMI COMPLIANCE: FCC, IC, CE

All units must have a warranty by the offeror as described by manufacturer: "LIMITED WARRANTY: TRAFx warrants to Buyer that each Product shall be substantially free from defects in materials and workmanship under normal use for a period of one (1) year from the date on the Invoice (or for a period of five (5) years if TRAFx's optional extended limited warranty is purchased). The exclusive remedy and entire liability under this warranty will be for repair or replacement of the Product under warranty on a like-for-like basis, at TRAFx's sole option. TRAFx shall not have any obligation to repair or replace any Product under warranty until Buyer returns the warranted Product to TRAFx in accordance with these Terms and Conditions of Sale. This warranty shall not apply to any Product defects resulting from but not limited to the following: (a) improper maintenance or installation; (b) misuse, neglect or accident; (c) damage from moisture or corrosive environments; (d) electrostatic discharge; (e) operation outside the Products specification; (f) failure to follow Product instructions or (g) alterations or modifications made to the Product in any way."

Delivery to:

Commonwealth of PA – DCNR  
Bureau of State Parks  
400 Market St., 8<sup>th</sup> Floor  
Harrisburg, PA 17101  
Attn: David Sariano

\*Bid price is to include delivery as well as all shipping, transportation, environmental handling, unloading charges, and any other associated charges for delivery.

**Inquiries/Questions should be submitted too :**

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