

Bureau of Highway Maintenance Spending Request

Instructions: Please complete the following form for **ALL** spending requests originating from BHM. Forward the form and all associated documentation to the section chief for approval. The section chief or designee will forward these materials to the Program Management Section for Bureau Director review/approval. **NO** expenditures will be approved without this completed form.

Request Date:
October 5, 2018

Requested By:
LeAnna Wall

BHM Section:
Freight Mgt. & Roadside Facilities

Unit:
Roadside Facilities

Description of Item or Service: Kenosha SWEF

Provide and install new Mettler Toledo static scale indicator Model IND780 to replace non-functioning unit. Static Scale is currently non-operative.

Total cost of the Item or Service requested?
\$7,510

Contract Type:

- ☐ Inter-agency Agreement
☐ Master Contract Work Order
☒ Purchase Order
☐ IT Procurement

- ☐ 2-party Consultant Contract
☐ Consultant Contract Amendment
☐ P-card
☐ Other – Direct Pay

Project ID:
0072-10-21

Funding Source:

- ☒ BHM Spending Plan
☐ Federal Grant or Earmark Funds
☐ SPR Funds

- ☐ Improvement contract
☐ Fiber Appropriation
☐ Other

What is the business need for the expenditure?

The indicator on the static scale is not functioning and needs to be replaced. The static scale is a required component of State Patrol's commercial vehicle weight enforcement efforts.

Will there be any on-going operations or maintenance expenses associated with the expenditure?

☒ No ☐ Yes

If yes, please describe and give anticipated O&M costs:

Recommend:

Name: LeAnna Wall
Roadside Facilities Engineer

Date: 10/7/18

Approval:

Name: email approval
Section Chief

Date: 10/8/18

Approved via e-mail ☒ Yes ☐ No

Date: 10/8/18

Name: [Signature]
Bureau Director

Date: 10/8/18

Return signed form to LeAnna Wall for processing.

PURCHASE REQUEST FORM

FY 19

- Attach bid sheets, specs., photo copies, catalog cut sheets and/or other pertinent information.
- Budget Approval should verify correct Project I.D. charging and money available in budget.
- Shaded areas to be filled in by Tips Processor.

SHIP TO (if different than HFSTB)

DATE ENTERED: _____ TYPE: () REL/CONTRACT () AS1/PO1 () CWO () LDO () P-CARD () INTERNET
 REQ NO _____ PO NO _____ AGENCY REQ NO _____ TIPS AGENCY CODE _____

REQUEST DATE 10-5-2018 BUREAU/OFFICE Hwy Maint REQUESTED BY LeAnna Wall
 CONTACT/PHONE 608-266-8665 PROJECT ID 0072-10-21 DATE NEEDED ASAP
 SUPERVISOR APPROVAL *email approval 10/8/18* ☒ Send Copy of P.O. to Originator
 BUDGET APPROVAL *mtl baechtold* NOTE: This is your notification of purchase

VENDOR NO. _____ Contract # _____ Del Aro _____

VENDOR:

(Give complete name, address, phone, etc.)

Mettler Toledo Inc.1900 Polaris ParkwayColumbus, OH 43240(410)990-0248, david.baechtold@mt.com**ITEM DESCRIPTION (1) EACH/SET/PKG/LOT/BOX/CTN/YEAR/CASE/HOUR/ROLL/PAIR**

Quantity 1 LOT Kenosha SWEF - Static Scale Indicator
 Unit Price \$7,510
 Extended Price _____

COMMODITY CODE _____ OBJECT CODE _____

ITEM DESCRIPTION (1) EACH/SET/PKG/LOT/BOX/CTN/YEAR/CASE/HOUR/ROLL/PAIR

Quantity _____
 Unit Price _____
 Extended Price _____

COMMODITY CODE _____ OBJECT CODE _____

ITEM DESCRIPTION (1) EACH/SET/PKG/LOT/BOX/CTN/YEAR/CASE/HOUR/ROLL/PAIR

Quantity _____
 Unit Price _____
 Extended Price _____

COMMODITY CODE _____ OBJECT CODE _____

DATE QUOTE RECEIVED 10-5-2018 FROM Mettler Toledo
 TOTAL COST \$7,510 S&H/FREIGHT ☐ Yes ☒ No \$ _____

PLEASE, GET THIS TO THE TIPS REQUISITIONER WEEKS BEFORE YOU NEED A SERVICE OR ITEM!
Advance time varies with type of purchase.

REQUISITION NO:**PURCHASE ORDER NO****ITEM DESCRIPTION (1) EACH/SET/PKG/LOT/BOX/CTN/YEAR/CASE/HOUR/ROLL/PAIR**

Quantity _____
Unit Price _____
Extended Price _____
COMMODITY CODE _____ OBJECT CODE _____

ITEM DESCRIPTION (1) EACH/SET/PKG/LOT/BOX/CTN/YEAR/CASE/HOUR/ROLL/PAIR

Quantity _____
Unit Price _____
Extended Price _____
COMMODITY CODE _____ OBJECT CODE _____

ITEM DESCRIPTION (1) EACH/SET/PKG/LOT/BOX/CTN/YEAR/CASE/HOUR/ROLL/PAIR

Quantity _____
Unit Price _____
Extended Price _____
COMMODITY CODE _____ OBJECT CODE _____

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Quantity _____
Unit Price _____
Extended Price _____
COMMODITY CODE _____ OBJECT CODE _____

ITEM DESCRIPTION (1) EACH/SET/PKG/LOT/BOX/CTN/YEAR/CASE/HOUR/ROLL/PAIR

Quantity _____
Unit Price _____
Extended Price _____
COMMODITY CODE _____ OBJECT CODE _____

ESTIMATED DELIVERY TIMES: From time TIPS Requisitioner received to estimated delivery.

Purchase Requests up to \$5000 (Low Dollar Orders): Procurement (charge) Card is used in most instances. Printed purchase order is printed overnight after approval. Item is received in approximately 7-30 days, depends on vendor. Office supplies are on a MANDATORY contract and are shipped within 48 hours after call/fax is completed.

Registrations/Conferences/Seminars (attended, but not set up by DTID): Per vendor deadline.

Conferences/Seminars (set up by DTID): See Event Planning Requisition located in the N:/oas/event planning/procedure directory or on the DOTNET at http://dotnet/dtid_admin_man/events/worksheets.htm

Purchase Requests \$5001-\$25,000: Requires written or faxed quotes; 6-12 weeks estimated delivery.

Purchase Requests over \$25,000:

- Requires preparation by DOT Purchasing Unit
- Methods include Sole Source, Request for Proposal and Official Sealed Bid
- May take several months

Out of State Travel: Need prior approval with a signed form DOA-6264 (formally ADA38)

N:/oas/purchasing/purchase request form

Equipment Proposal



METTLER TOLEDO

Quote 244099	Date: 10/5/2018
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Attn: LeAnna Wall

Phone: 608-266-7231	Fax:
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Proposal Submitted to:

Wisconsin DOT
4802 Sheboygan Ave
Madison, WI 53707

General Application: New Indicator for Kenosha SWEF

QTY	Equipment Description	Unit Price	Extended Price
1	Mettler Toledo Model # IND780 Scale Indicator. Indicator to be compatible with existing scale and future Mettler Toledo scale. IND780 Scale Indicator includes standard Mettler Toledo Industrial Area warranty. One year from date of install.	\$4,510.00	\$4,510.00

UNLESS OTHERWISE NOTED PRICE DOES NOT INCLUDE TAX OR FREIGHT

Equipment Proposal



METTLER TOLEDO

Installation Description:

Remove old JAGUAR indicator from counter and dispose. Install new indicator. Test, calibrate, and certify.

Installation Total:	\$3,000.
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Equipment Total Installed:	\$7,510.00.
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Delivery: 4 Weeks	Acceptance
F.O.B. Shipping Point	See Standard terms on reverse
Terms: Net 30	
Submitted by: David Baechtold	Accepted By:
Office: 410-990-0248 Fax: 410-990-0360	Purchase Order:
	Date:

Equipment Proposal

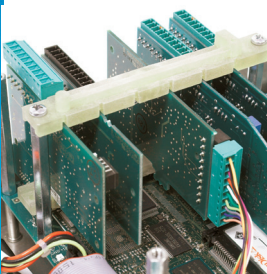
METTLER TOLEDO

Power and performance for advanced weighing applications



Graphics display with SmartTrac™

Optimize the amount of visible process information with the QVGA graphical LCD display, available in monochrome or Active TFT Color. This helps to reduce operational errors and improves productivity.



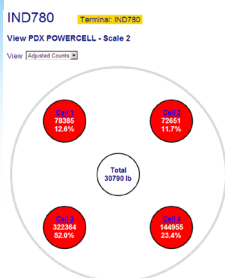
Multitude of scale and communication interfaces

Various connectivity options for different scale interface technologies, PLC interfaces, Serial interfaces and Ethernet communication increases flexibility in meeting a combination of measurement and data integration requirements.



Stainless Steel Enclosure

Wall/Desk Mount enclosure style with IP69K rating ideal for pressurized cleaning and heavy washdown in food and pharmaceutical manufacturing environments.



Predictive Maintenance and Diagnostics

Embedded predictive maintenance and diagnostics tools such as scale and load cell condition monitoring, calibration management, web server, error logs and email alerts. Combine with POWERCELL® PDX® digital load cells to deliver state-of-the-art diagnostic capabilities that include network health monitoring, temperature measurements and cell enclosure breach detection.



IND780 Industrial Terminal

The IND780 is a terminal whose flexibility of configuration and fast multi-task processing makes it the perfect match for a wide range of specific applications. It features connectivity for multiple sensor technologies, networking, PLCs, and much more, and it also provides a platform for solutions that can be customized using the terminal's basic functionality, optional applications, or the TaskExpert™ programming tool.

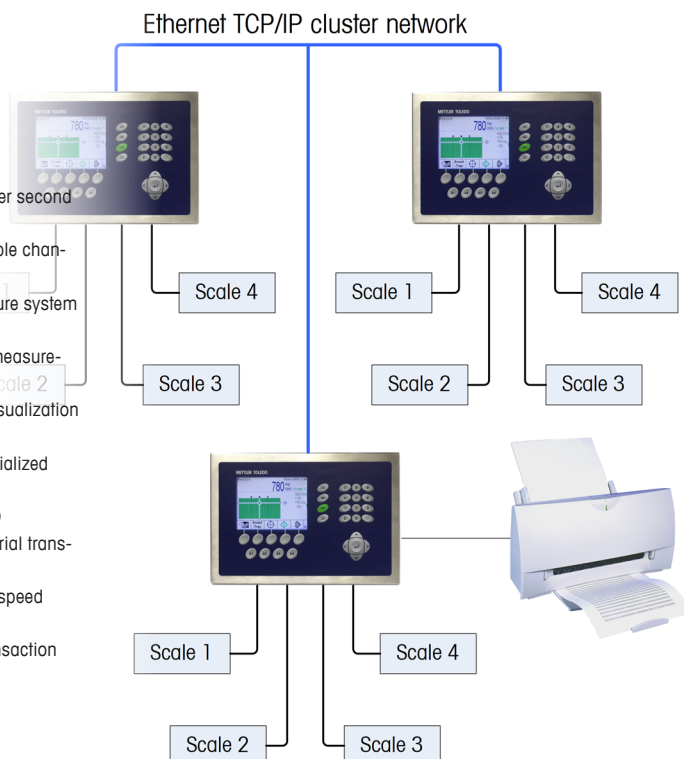
Technical data

IND780

High performance weighing terminal

Features and Benefits

- Superior weighing performance with 1,000,000 internal counts of resolution at 366 A/D updates per second
- TraxDSP™ tunable digital filtering minimizes environmental effects on weighing accuracy
- Concurrent monitoring and control of four independent measurement channels with single or multiple channel displays of weight for higher productivity
- With POWERCELL® PDX® digital load cells, enhanced predictive maintenance and diagnostics ensure system reliability, minimize downtime, and help prevent unexpected breakdowns
- Metrologically approved Sum Scale channel allows individual selection of up to four channels for measurement summing
- Selectable SmartTRAC™ display suited for over/under checkweighing or material transfer process visualization
- CalFREE™ functionality allows for quick and easy calibration without test weights
- TaskExpert™ software development platform provides flexible terminal customization to meet specialized application needs
- Tare table stores hundreds of tares with IDs and descriptions, and includes totalization by record ID
- Target table stores hundreds of targets with IDs, descriptions and tolerances for over/under or material transfer applications
- Material Transfer controls with latched or coincidence target comparison outputs for single or dual speed control
- Internal alibi memory with access to up to 256,000 transaction records, searchable by date or transaction number
- Terminal clustering functionality facilitates remote terminal operation in an Ethernet LAN



Enclosure Dimensions (L x W x D) and type

Panel mount: 220 x 320 x 105 mm (8.7 x 12.6 x 4.1 in.), stainless steel front panel, certified Type 4x/12
Harsh environment/desk/wall/column mount: 200 x 299 x 235 mm (7.8 x 11.8 x 9.3 in.), stainless steel, IP69K certified

Keypad

30-key tactile keyboard with numeric keypad, navigation keys, function keys, softkeys and application keys

Display

Backlit LCD graphic display; 320 x 240 pixels; QVGA, 145 mm (5.7 in.) diagonal; monochrome or active TFT color

Shipping weight

5 kg (11 lbs)

Power

Universal power supply; 100 to 240 VAC at 49 to 61 Hz, 400 mA consumption

Scale types

Analog scale: 10 VDC excitation, powers up to (8) 350Ω load cells, 2 or 3 mV/V, per channel
POWERCELL® RAAD Box, MTX®, PDX®
IDNet Scale: Pik-Brick and T-Brick bases for high precision weighing
SICS Scale (4 series, Excellence balances, X-Base, WM/WMH)

Update rates

A/D of 366 Hz, Target (setpoint) of 50 Hz, PLC interface up to 20 Hz, Serial up to 20 Hz

Standard Connectivity

(1) RS-232, (1) RS-232/422/485; Ethernet 10/100 Base-T; USB Master (external keyboard)

Communication Protocols

Inputs: ASCII commands for Clear, Tare, Print, Zero; barcode; keyboard; SICS level 0 and partial level 1
Outputs: METTLER TOLEDO continuous or Demand with up to 10 configurable templates; Continuous template, report printing;
interfaces external ARM100 Input/Output module and DeviceNet Bridge (DNB)

Operating environment

-10°C to 40°C (14°F to 104°F), 10% to 95% relative humidity, non-condensing

Weights and Measures approvals

USA: Class II 100,000d; Class III/IIIL 10,000d; CoC 06-017
Canada: Class II 100,000d; Class III/IIILD 10,000d/20,000d; CoC #AM-5592
Europe: Class II depends on platform base; Class III, IIII 10,000e; TC6944

Safety approvals

cUL, UL, CE

Hazardous approvals (Panel version only)

Div 2, Class I GP A-D; Class II GP F, G; CL III; CL I ZONE 2 GP IIC locations, when installed per drawing 174020R
II 3G EEx nL [nL] IIB T4; II 3D T85°C

Communication interface options

PLC (one option only): Allen Bradley® RIO, ControlNet™, Profibus™ DP, EtherNet/IP™, DeviceNet™, Modbus TCP

Digital I/O options

Discrete I/O: Maximum of 40 inputs, 56 outputs
Local (Relay or Solid State): One or two modules, each with 4 inputs, external sink 5-30 VDC; 4 outputs @ 30 VAC/VDC, 1 A max.
Remote: Up to (8) ARM100 I/O modules, 4 in/6 out @ 60 VDC/250 VAC, 1 A max.

ServiceXXL

Tailored Services

Essential Services

for Dependable Performance

METTLER TOLEDO is uniquely qualified to provide the installation, calibration and maintenance services essential to ensuring accuracy, optimizing uptime and prolonging equipment life. Our service representatives will be there at the right time, with the right parts, the right tools and the right skills to meet your needs.

www.mt.com/IND7xx

for more information



Subject to technical changes
INDB0014.5E
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From: [Mulder, Daniel J - DOT](#)
To: [Wall, LeAnna - DOT](#)
Subject: Re: KSWEF Indicator Repair
Date: Monday, October 08, 2018 1:38:19 PM

Approved

Sent from my iPhone

On Oct 8, 2018, at 12:43 PM, Wall, LeAnna - DOT <LeAnna.Wall@dot.wi.gov> wrote:

Hi.

Rose is in this afternoon and available to review and sign off on this if you review & email your approval first.

<MT-Indicator PO 181005.pdf>