



May 1, 2014

Bidder:

The City of Traverse City will receive sealed bids in the Office of the City Manager, Second floor, Governmental Center, 400 Boardman Avenue, Traverse City, Michigan, 49684, until **Monday, May 12, 2014, at 2:00 p.m.** for the following:

**MISCELLANEOUS EQUIPMENT TO BE INSTALLED
ON FIVE TRUCKS FOR THE DPS/GARAGE**
(specifications attached)

If the specifications are obtained from the City's new updated website link at: http://www.traverscitymi.gov/bids_and_rfps.asp, it is the sole responsibility of the Bidder to check the website for updates and addenda prior to the bid being submitted. Bidder may also sign up to receive notifications when bids and RFPs are posted by sending an e-mail requesting same to jdalton@traverscitymi.gov

The City of Traverse City reserves the right to accept or reject any or all bids, waive irregularities, and to accept the bids either on an entire or individual basis that is in the best interest of the City.

The City accepts no responsibility for any expense incurred by the Bidder in the preparation and presentation of a bid. Such expenses shall be borne exclusively by the Bidder.

Only the successful Bidder will be notified. If you so desire, you may call for results.

You must indicate on the outside of the sealed envelope that the bid is for the **"Truck Equipment."**

You must submit **TWO (2) SEALED COPIES** of the bid to the City Manager's Office prior to the above-indicated time and date or the bid will not be accepted. Telefaxed or E-Mail bids will not be accepted.

Please note that if you have previously submitted an informal quote, you will still need to submit a sealed bid prior to the date and time specified above in order to be considered. Please ensure that all requirements listed in the specifications are met.

If you have any questions, please contact Mr. Scott Meter, Garage Superintendent, at (231) 922-4900, ext. 111 before the bid is submitted.

PLEASE SUBMIT BID TO:

Julie Dalton, Purchasing Agent
City Manager's Office, Governmental Center
Second Floor, 400 Boardman Avenue
Traverse City, MI 49684

SPECIFICATIONS

SUPPLY AND INSTALL VARIOUS SPECIFIED EQUIPMENT ON FIVE CITY OF TRAVERSE CITY CAB AND CHASSIS

MINIMUM REQUIREMENTS: The attached detailed specification shall be construed as minimum. Should manufacturer's current published data or specifications exceed these, such standards shall be considered minimum and furnished. All integral parts not specifically mentioned in the scope of these specifications which are necessary to provide a complete working unit shall be furnished.

SILENCE OF SPECIFICATIONS: The apparent silence of this specification and any supplemental specification as to any details or the omission from it of a detailed description concerning any point shall be regarded as meaning that only the best commercial practices are to prevail and that only material of first quality and correct type, size, and design are to be used. All workmanship is to be first quality. All interpretations of this specification shall be made upon the basis of this statement.

COMPLIANCE: Bidder must complete and return the enclosed bid forms, including bid sheet. Enter "COMPLY" in the "BIDDER PROPOSES TO FURNISH" column if your equipment meets or exceeds the requested specification. If your equipment does not comply with the requested specification then enter "EXCEPTION" or other information which may pertain. If the item is equivalent then please indicate that fact. All exceptions must be fully explained in the "bidder proposes to furnish" column or on another sheet of paper. If nothing is written in the column then the City will assume that the bidder will precisely and exactly meet the specifications requested.

THE CITY OF TRAVERSE CITY RESERVES THE RIGHT TO ACCEPT OR REJECT ANY OR ALL BIDS, WAIVE IRREGULARITIES, AND TO ACCEPT THE BIDS EITHER ON AN ENTIRE OR INDIVIDUAL BASIS THAT ARE IN THE BEST INTEREST OF THE CITY OF TRAVERSE CITY.

IN ANY CIRCUMSTANCE DURING OR PRIOR TO DELIVERY OF THE VEHICLE/ EQUIPMENT, WHEREUPON THE CITY OF TRAVERSE CITY (CUSTOMER) BECOMES ELIGIBLE TO RECEIVE A REBATE FOR ANY VEHICLE PURCHASED UNDER THIS BID, IT SHALL BE THE SUCCESSFUL BIDDERS RESPONSIBILITY TO INFORM SCOTT METEER, SUPT., DIV. OF MOTOR EQUIPMENT, OF ITS QUALIFICATION FOR SUCH REBATE AND TO ADVISE THE PROCEDURES FOR OBTAINING SUCH REBATES.

It is the intent of these specifications to describe dump boxes, utility boxes, a chip box, plows and miscellaneous equipment, per the following specifications to equip five cab and chassis. There are numerous makes and models of equipment available that will meet or closely meet these criteria. If the specifications requested do not exactly coincide with your equipment you may take exception and bid your equipment. All exceptions must be noted and fully explained on a separate sheet of paper.

If you have ANY questions, or are unclear about what we may be requesting, please contact Mr. Scott Meter at, 231-922-4900, ext. 111. Please ask questions or request clarifications before the bid is submitted.

DESCRIPTION OF CABS AND CHASSIS TO BE EQUIPPED:

TRUCK #1:

2015 - F350, Regular Cab 4x4, Dual Rear Wheel, 60" C.A., Approx. #14,000 G.V.W., has up-fitter switches, snow plow prep package, and brake controller.

This truck will be equipped with a dump box and V- plow.

TRUCK #2:

2015 - F550, Regular Cab, 4x4, Dual Rear Wheel, 84" C.A., Approx. #19,500 G.V.W., has up-fitter switches, P.T.O. prep, and brake controller.

This truck will be equipped with a chip box and pull a chipper.

TRUCK #3:

2015 - F350, Regular Cab, 4x4, Single Rear Wheel, 60" C.A., Approx. #11,000 G.V.W., has up-fitter switches, snow prep package, and brake controller.

This truck will be equipped with a utility box and V- plow.

TRUCK #4:

2015 - F550, Regular Cab, 4x4, Dual Rear Wheel, 60" C.A., Approx. #19, 500 G.V.W., has up-fitter switches, P.T.O. prep., Snow Plow prep., and brake controller.

This truck will be equipped with a dump box, a V- plow, and also be used to pull an asphalt patch trailer.

TRUCK #5:

2015 - F350, Regular Cab, 4x4, Single Rear Wheel, 60" C.A., Approx. #11,000 G.V.W., has up-fitter switches, and brake controller.

This truck will be equipped with a utility box.

TRUCK #1:

Truck Equipment Specifications: To include, Dump Body, Hoist, Hydraulics, Hitch, Tool Boxes, Plow.

BIDDER PROPOSES
TO FURNISH

DUMP BOX:

Crysteel Tipper

Eight foot, built from 10 gauge 201 stainless steel, fully welded. Body capacity 2-3 cubic yards. Box to be designed for light construction and general clean-up work; 2 yard sides, 3 yard ends; with the following dimensions:

- Length – 97”
- Width I.D. - 87”, Width O.D. - 96”
- Sides –12”
- Tailgate height – 18”
- All are inside dimensions.

Front bulkhead - 40” high with 12” integral cab shield (May vary depending on chassis)

Sides & Headsheet: 10 gauge 201 stainless steel fully welded. 8” wide, 10 gauge 201 stainless steel full depth front and rear corner posts, rear bolster, 2” wide side board gussets, boxed top rail, 45 degree sloped rub rails and two vertical radiuses braces; all of 10 gauge 201 stainless steel.

FOLD DOWN SIDES: Sides to fold down, grease-able recessed heavy duty stainless steel hinges. Surfaces to be tapered to keep debris from gathering on the folded down side.

Tailgate: Quick drop tailgate (i.e., similar to a pick up truck). 10 gauge 201 stainless steel, two vertical boxed braces, all horizontal braces shall be sloped to shed dirt and continuously welded. Heavy duty offset tailgate hardware, 3/8 " heavy duty chains.

Floor: 7 gauge 201 stainless steel with 2” radius-to-floor. Floor to be securely welded to the long sills.

BIDDER PROPOSES
TO FURNISH

Understructure: Western style; 10 gauge 201 stainless steel-
trapezoidal design.

Hoist: NTEA Class 20, minimum 5" cylinder bore, double acting.
Full length sub-frame with unitized rear hinge. To include body
prop and "body up" light on dash. Crysteel LB500 or equivalent.

Hydraulic Package: 12 volt electric over hydraulic, double acting,
reservoir and in cab pendant control.

Hydraulic Oil: Kendall Oil Company. Hyken 052 oil.
NO EXCEPTIONS.

LED Lights and Reflectors: Conform to FMVSS #108. LED
lighting for stop/tail/turn, back up and all clearance lights.
Lights to be recessed and protected. Stop/turn/tail and back-up
lights to be installed.

******* NOTE: All wiring to be enclosed in loom and all electrical connections are to be sealed with heat shrink tubing (mastic seal filled). ***** If mastic seal butt connectors are used, wire ends are to be lightly coated with dielectric silicone grease before being crimped and heated. ***** Lighting system shall be completely sealed and include waterproof lamps, weatherpack connectors, and weatherproof junction boxes with waterproof choke seals. All plug- in connectors to be coated with silicone dielectric grease. NO scotch locks. No exceptions.**

Successful bidder to provide: Wiring diagram of all bidder
installed items.

Electric back-up alarm: Star #62-102.

Hitch: Full plate 3/4 inch thick with bracing, including model
BH82000 Buyers 2" combo ball and pintle hitch. D-ring safety
chain attachment (suitable for pintle hitch GVW)

Trailer connector: 7-pin connector (Berg model #BE23703 and
boot #B205010)-OR EQUIVALENT. City to provide successful
bidder with wiring diagram. Connector to be located upper
left side of hitch plate.

BIDDER PROPOSES
TO FURNISH

Weather proof poly box: Betts, for all trailer/lighting connections at rear. Box to be attached to frame at rear of truck.

Rear Bumper: 4" channel, (4.5# ft) Must meet FMVSS #393.86

Electric Brakes: Fully wired and operational.

BEACON LIGHT: Sound Off part # EPL7PDAC, located front and center of head rack. Mounted on stainless steel mount and protected by a guard made of not less than ½" stainless rod. Guard easily removable for light servicing. To be connected to one of the factory installed upfitter switches in the dash.

"BEACON ON" INDICATOR LIGHT: Roll Rite part # 15100

Tow Hooks: (2) heavy duty rear tow hooks, bolted to frame.

MUD FLAPS: Behind rear wheels, using DOT specifications. Mud flaps are also required in front of rear wheels. The front mud flaps must cover the full width of the tool boxes. Mud flaps are to be mounted with stainless steel brackets and hardware.

TARP SYSTEM: Roll-Rite economy model #RR6200. Partially automatic; pull out manually and rolls up automatically. To include a double set of clips so tarp can hook ahead or behind tailgate. As this truck will be used for plowing, the tarp assembly must be mounted so as to not interfere with rear visibility. Tarp to also have a cover/guard over the top of it. Depending upon mounting location, the tarp may require tie downs at the front of the box when tarp is extended. Stainless steel hardware required for mounting tarp and guard to box.

All non-stainless items to be painted, installed, and fully operational. All phases of installation to be gone over with Fleet Superintendent, Scott Meter prior to installation.

Paint Color: Dump body to be bare stainless steel. Rear plate and rear bumper to be primed painted urethane black.

BIDDER PROPOSES
TO FURNISH

TOOL BOXES: Bawer, Heavy duty smooth 304 stainless steel, seamless corners, stainless steel T-handle with lock and key, stainless steel hinge pins, dual gas shock door openers, aerator vent to keep box dry inside, installed using minimum 2" x 2" x 1/4" stainless steel angle iron mounting brackets. Angle iron mounting and hardware to be stainless. Quantity (2) Boxes. Maximum size that will fit properly between rear tires and cab-frame mounted.

SPECIFICATION: FRONT SNOW PLOW - installed.

BOSS 9'2" Power-V DXT Poly.

Cutting Edge: HardOx

Plow to be equipped with an in-cab hand held controller with "soft touch" illuminated buttons, and fully independent Function control, i.e., Boss "Smart Touch:

Installation to include both a dash mount and a hand mount for Smart-Touch Controller.

Plow to be equipped with a factory O.E. snow-deflector (soft rubber) and two highly visible, vinyl coated, spring wound, blade edge markers.

Plow to be installed and fully operational on our 2015 cab and chassis

Installer to provide all current literature, warranty booklets, along with wiring and parts booklets of all installed items.

PLOW WARRANTY _____

Copy of manufacturer's warranty to accompany bid.

Plow and installation must be in compliance with all applicable ANSI, OSHA, State and Federal Motor Vehicle Safety Standards in effect at time of manufacture/installation.

BID FORMS/EXCEPTIONS AND DEVIATIONS: The attached bid forms MUST be used. If the bid forms are not used, your equipment will NOT BE considered. Bid forms are to be completed, including bid sheet, and submitted. Bids submitted must meet or exceed

specifications. Items not meeting specifications must be noted in the "comply" column and bidder shall fully describe every variance, exception, and/or deviation. Additional sheets may be used and submitted with bid.

Each bidder shall submit the latest printed manufacturer's specifications and advertising literature available on the equipment they propose to furnish.

City of Traverse City will deliver truck to successful bidder and pick truck up when completed, up to seventy-five miles from City Garage. Distances greater than seventy-five miles: bidder will, at no cost to the City, pick up and deliver vehicle at the City Garage in Traverse City.

TRUCK #2:

Truck equipment specifications: 12' Standard Chip/Dump Body, Hydraulics, Misc.

BIDDER PROPOSES
TO FURNISH

BODY & ACCESSORIES:

Standard Chip/Dump Box: Designed for accepting wood chips,
ARBORTECH 12' chip body or equiv., with the following
Dimensions:

Inside Dimensions:

Length: 146"

Width: 92"

Height: 56"

Volume: Approx. 16 cu. yards

Make and model of chip/dump box bid: _____

12 gauge Galvanneal steel body tops, sides, and front with formed ribs _____

10 gauge Galvanneal steel floor with formed ribs and a 45° vented
plate at edges _____

1/4" formed channel rear vertical supports _____

3" x 4" x 3/16" roof support tube _____

12 gauge Galvanneal steel tailgate with 2" tube frame _____

3" 5.4 lb structural steel floor cross channels on 19" centers _____

Two (2) 8", 8.5 lb structural channel longsills _____

10 gauge Galvanneal boxed section rear skirt _____

Coal tar epoxy bed liner _____

Ladder box on left side with pole pruner shelf and lockable rear door _____

8" x 1/4" formed channel towing bracket _____

Height of underside of top of chip box to be not less than one hundred
inches (100") from ground level (to allow proper chipper chute clearance) _____

BIDDER PROPOSES
TO FURNISH

Hitch: With bracing, including model PH20 Buyers pintle hitch. D-ring safety chain attachment (suitable for pintle hitch GVW)

Trailer connector: 7-pin connector (Berg model #BE23703 and boot #B205010)-OR EQUIVALENT. City to provide successful bidder with wiring diagram.)

Weather proof poly box: Betts, for all trailer/lighting connections at rear. Box to be attached to frame at rear of truck.

Hoist: hydraulic hoist: hydraulic, double acting, suitable for GVW and purpose

Controls to be console-mounted in the cab. Hoist to include body prop and "body up" light.

Hydraulic Package: Muncie Brand Power Take Off

BEACON LIGHTS: (Quantity 2) Sound Off part # EPL7PDAC, located one on truck cab roof, and one centered at rear of dump body and protected by a guard made of not less than 1/2" stainless rod. Guard easily removable for light servicing. To be connected to one of the factory installed upfitter switches in the dash.

"BEACON ON" INDICATOR LIGHT: Roll Rite part # 15100

LIGHTS & REFLECTORS: to conform to FMVSS #108. Lights to be recessed and protected, shock resistant, rubber-mounted.

******* NOTE: All wiring to be enclosed in loom and all electrical connections are to be sealed with heat shrink tubing (mastic seal filled). ***** If mastic seal butt connectors are used, wire ends are to be lightly coated with dielectric silicone grease before being crimped and heated.***** Lighting system shall be completely sealed and include waterproof lamps, weatherpack connectors, and weatherproof junction boxes with waterproof choke seals. All plug in connectors to be coated with silicone dielectric grease. NO scotch locks. No exceptions.**

Installer to provide wiring diagram of all installed items

Electric back-up alarm: Star #62-102

BIDDER PROPOSES
TO FURNISH

TOOL BOXES: Bawer, Heavy duty smooth 304 stainless steel, seamless corners, stainless steel T-handle with lock and key, stainless steel hinge pins, dual gas shock door openers, aerator vent to keep box dry inside, installed using minimum 2" x 2" x 1/4" stainless steel angle iron mounting brackets. Angle iron mounting and hardware to be stainless. Quantity (2) Boxes. Maximum size that will fit properly between rear tires and cab-frame mounted.

TRAFFIC CONE HOLDERS: Two, mounted on front bumper of truck.

MUD FLAPS: Behind rear wheels, using DOT specifications. Mud flaps are also required in front of rear wheels. The front mud flaps must cover the full width of the tool boxes. Mud flaps are to be mounted with stainless steel brackets and hardware.

All to be painted and installed. All phases of installation to be gone over with the City of Traverse City prior to installation.

BODY COLOR: Exact same color as cab (yellow)

REAR hitch, underside, painted black

WARRANTY

COPY OF MANUFACTURER'S WARRANTY TO ACCOMPANY BID

TRUCK #3:

**BIDDER PROPOSES
TO FURNISH**

Brand FX BFXB 60SLS, or equal, fiberglass utility body and misc. equipment designed to fit a 2015 Ford F350 Super Duty.

Make and Model of fiberglass body bid: _____

Compartment interiors are to have bright white color finish.

Minimum of two hinges per door. Hinge shall be heavy duty stainless steel strap type hinge. Hinges will bolt to body and door with stainless steel flush mounted bolts. Hinge length approx. five (5) inches

Heavy duty, stainless steel, door latches, two stage, automotive, rotary type with adjustable strikers. All doors (locks) are to be keyed alike.

Body to have the following approx. dimensions:
Bidder to enter exact dimensions.

Length: approx. 108"	Length _____	_____
Height: approx. 42"	Height _____	_____
Width: approx. 82"	Width _____	_____
Compartment Depth: approx. 15"	Compartment Depth _____	_____
Load bed floor width: minimum 48"	Load bed floor width _____	_____

Compartments:

Left Front - Street side: approx. 37" wide x 42" tall

Equipped (from top to bottom, full width) with pull out drawers (on rollers) with adjustable dividers. (Approx. 9-10 drawers, approx 3"- 4" in height)

Left Horizontal – Over wheel well - Street side: approx. 40" wide x 20" tall

Equipped with one pull out drawer (located appropriately, in the center of the compartment.) Drawer to be approx. 3" tall, full depth and width. Drawer (on rollers) to be slide out

Left Rear - Street side: approx. 31" wide x 42" tall.

BIDDER PROPOSES
TO FURNISH

Equipped with 5 swivel J-hooks. Mounting 1 -3 - 1 _____

Right Front - Curbside: approx. 37" wide x 42" tall. _____

Right Horizontal – Over well – Curb side: approx. 40" wide x 25" tall. _____

Equipped with one shelf (located appropriately, in the center of the compartment.) _____

Right Rear - Curb side: approx. 31" wide x 42" tall. _____

TOOL BOX: Mounted on top of left compartment, constructed of fiberglass with aluminum lid(s). Full length and width of compartment, minimum of 12" deep. Has two 4' lids, or one full length, that are hinged on street side. _____

LED FlexGlo compartment lights installed in each compartment. Wiring installed in loom with switch located in the cab. Switch to be energized ONLY when chassis lights are on. _____

Each side to be equipped with push/pull common locking system _____

Each door to be equipped with mechanical/pneumatic over-center door checks _____

Each compartment to be supplied with a flow through ventilation _____

All fasteners to be stainless steel with self-locking nuts _____

Tailgate: Aluminum, approx. 10" high. Hinged with self-latching hardware. _____

Chrome/Aluminum rock guards installed lower front corners of utility box and at rear of wheel wells. _____

Rubber fender flare is required at body wheel openings. _____

Body and Finish: An exterior gel coat finish (exact same color as cab) shall be applied to the body exterior, and have a depth of .015" to .018" when cured so as to guard against scratches. The high gloss ISO/NPG gel coat will be provided with UV barriers to guard against premature fading. _____

BIDDER PROPOSES
TO FURNISH

All metal (except chrome/aluminum) to be primed and painted the same color as cab/body. (Ford SCHOOL BUS yellow).

LED LIGHTS & REFLECTORS: Conform to FMVSS #108.
LED lighting for stop/tail/turn and all clearance lights. Lights (including backup) are to be flush mount and protected, with shock resistant rubber grommets.

TRAFFIC ARROW: Star Model # TD93DLXTARO. Mounted on rack at front of box. (Also used to mount beacon)

BEACON LIGHT: Sound Off part # EPL7PDAC, located front of box above traffic arrow. Protected by a guard made of not less than ½" stainless rod. Guard easily removable for light servicing. To be connected to one of the factory installed upfitter switches in the dash.

"BEACON ON" INDICATOR LIGHT: Roll Rite part #15100

(Request LED lighting from TRUCKLITE, STAR or equivalent).

******* NOTE: All wiring to be enclosed in loom and all electrical connections are to be sealed with heat shrink tubing (mastic seal filled). ***** If mastic seal butt connectors are used, wire ends are to be lightly coated with dielectric silicone grease before being crimped and heated.***** Lighting system shall be completely sealed and include waterproof lamps, weatherpack connectors, and weatherproof junction boxes with waterproof choke seals. All plug in connectors to be coated with silicone dielectric grease. NO scotch locks. No exceptions.**

Electric back-up alarm (Star #62-102)

Vise bracket to be installed. Location to be determined at time of installation.

TRAFFIC CONE HOLDERS: Two, mounted on front bumper.

TOW HOOKS, Heavy duty (Rear), two, bolted to frame.

STEP BUMPER: Steel, suitable for mounting vise bracket.
Minimum thickness: ¼".

BIDDER PROPOSES
TO FURNISH

Class V 2 1/2" Reese type hitch – installed under step bumper. Equipped with Buyers #BH82000. 2" multi-hitch mounted on an adjustable buyers # PM25612 pintle mount. To include safety chain hookup attachment point.

Weatherproof poly box (Betts) for all trailer/lighting connections at rear. Box to be attached to frame at rear of truck. All trailer/rear light connections are to go through this box.

MUD FLAPS: Behind rear wheels, using DOT specifications. Mud flaps are to be mounted using stainless steel hardware.

All items to be painted, installed, and fully operational. ALL phases of installation to be gone over with Scott Meter prior to installation.

SPECIFICATION: FRONT SNOW PLOW - installed.

BOSS 8'2" Power-V DXT Poly.

Cutting Edge: HardOx

Plow to be equipped with an in-cab hand held controller with “soft touch” illuminated buttons, and fully independent Function control, i.e., Boss “Smart Touch”

Installation to include both a dash mount and a leg mount for Smart-Touch Controller.

Plow to be equipped with a factory O.E. snow-deflector (soft rubber) and two highly visible, vinyl coated, spring wound, blade edge markers.

Plow to be installed and fully operational on our 2015 cab and chassis

Installer to provide all current literature, warranty booklets, along with wiring and parts booklets of all installed items.

PLOW WARRANTY

Copy of manufacturer's warranty to accompany bid.

Plow and installation must be in compliance with all applicable ANSI, OSHA, State and Federal Motor Vehicle Safety Standards in effect at time of manufacture/installation.

Body Warranty: _____
Please enclose a copy of Manufacturer's warranty with bid.

City will deliver cab/chassis to successful bidder and pick up finished truck for distances of 75 miles or less. Anything farther, bidder will pick up and deliver at no cost to the City.

BIDDER PROPOSES
TO FURNISH

Hoist: NTEA Class 20, minimum 5" cylinder bore, double acting. Full length sub-frame with unitized rear hinge. To include body prop and "body up" light on dash. Crysteel LB500 or equivalent.

Hydraulic Package: Muncie brand power take off.

Hydraulic Oil: Kendall Oil Company. Hyken 052 oil.
NO EXCEPTIONS.

LED Lights and Reflectors: Conform to FMVSS #108. LED lighting for stop/tail/turn, back up and all clearance lights. Lights to be recessed and protected. Stop/turn/tail and back-up lights to be installed .

******* NOTE: All wiring to be enclosed in loom and all electrical connections are to be sealed with heat shrink tubing (mastic seal filled). ***** If mastic seal butt connectors are used, wire ends are to be lightly coated with dielectric silicone grease before being crimped and heated. ***** Lighting system shall be completely sealed and include waterproof lamps, weatherpack connectors, and weatherproof junction boxes with waterproof choke seals. All plug in connectors to be coated with silicone dielectric grease. NO scotch locks. No exceptions.**

Successful bidder to provide: Wiring diagram of all bidder installed items.

BEACON LIGHT: Sound Off part # EPL7PDAC, located front and center of head rack. Mounted on stainless steel mount and protected by a guard made of not less than 1/2" stainless rod. Guard easily removable for light servicing. To be connected to one of the factory installed upfitter switches in the dash.

"BEACON ON" INDICATOR LIGHT: Roll Rite part #15100

Electric back-up alarm: Star #62-102

Hitch: Full plate 3/4 inch thick with bracing, including Buyers PH30 pintle hitch. D-ring safety chain attachment (suitable for pintle hitch GVW)

BIDDER PROPOSES
TO FURNISH

Trailer connector: 7-pin connector (Berg model #BE23703 and boot #B205010) (or Velvac). City to provide successful bidder with wiring diagram.)

Weatherproof poly box: Betts, for all trailer/lighting connections at rear. Box to be attached to frame at rear of truck.

Rear Bumper: 4" channel, (4.5# ft) Must meet FMVSS #393.86

Electric Brakes: Fully wired and operational.

Tow Hooks: (2) heavy duty rear tow hooks, bolted to frame.

MUD FLAPS: Behind rear wheels, using DOT specifications. Mud flaps are also required in front of rear wheels. The front mud flaps must cover the full width of the tool boxes. Mud flaps are to be mounted with stainless steel hardware.

TARP SYSTEM: Roll-Rite economy model #RR6200. Partially automatic; pull out manually and rolls up automatically. To include a double set of clips so tarp can hook ahead or behind tailgate. As this truck will be used for plowing, the tarp assembly must be mounted so as to not interfere with rear visibility. Tarp to also have a cover/guard over the top of it. Depending upon mounting location, the tarp may require tie downs at the front of the box when tarp is extended. Stainless steel hardware required for mounting tarp and guard to box.

All non-stainless items to be painted, installed, and fully operational. All phases of installation to be gone over with Fleet Superintendent, Scott Meteer prior to installation.

Paint Color: Dump body to be bare stainless steel. Rear plate and rear bumper to be primed painted urethane black.

TOOL BOXES: Bawer, Heavy duty smooth 304 stainless steel, seamless corners, stainless steel T-handle with lock and key, stainless steel hinge pins, dual gas shock door openers, aerator vent to keep box dry inside, installed using minimum 2" x 2" x 1/4" stainless steel angle iron mounting brackets. Angle iron mounting and hardware to be stainless. Quantity (2) Boxes. Maximum size that will fit properly between rear tires and cab-frame mounted.

BIDDER PROPOSES
TO FURNISH

SPECIFICATION: FRONT SNOW PLOW - installed.
BOSS 9'2" Power-V DXT Poly.

Cutting Edge: HardOx

Plow to be equipped with an in-cab hand held controller with
"soft touch" illuminated buttons, and fully independent
function control, i.e., Boss "Smart Touch"

Installation to include both a dash mount and a hand mount
for Smart-Touch Controller.

Plow to be equipped with a factory O.E. snow-deflector
(soft rubber) and two highly visible, vinyl coated, spring
wound, blade edge markers.

Plow to be installed and fully operational on our 2015 cab
and chassis

Installer to provide all current literature, warranty booklets,
along with wiring and parts booklets of all installed items.

PLOW WARRANTY

Copy of manufacturer's warranty to accompany bid.

Plow and installation must be in compliance with all applicable ANSI, OSHA, State and Federal
Motor Vehicle Safety Standards in effect at time of manufacture/installation.

BID FORMS/EXCEPTIONS AND DEVIATIONS: The attached bid forms MUST be used. If
the bid forms are not used your equipment will NOT BE considered. Bid forms are to be
completed, including bid sheet, and submitted. Bids submitted must meet or exceed
specifications. Items not meeting specifications must be noted in the "comply" column and
bidder shall fully describe every variance, exception, and/or deviation. Additional sheets may be
used and submitted with bid.

Each bidder shall submit the latest printed manufacturer's specifications and advertising literature
available on the equipment they propose to furnish.

City of Traverse City will deliver truck to successful bidder and pick truck up when completed,
up to seventy five miles from City Garage. Distances greater than seventy five miles-bidder will,
at no cost to the City, pick up and deliver vehicle at the City Garage in Traverse City.

BIDDER PROPOSES
TO FURNISH

Copy of Manufacturer's warranty to accompany bid. _____

Make and model of Dump box/hoist: _____

Make and model of plow: _____

TRUCK #5:

Brand FX BFXB 60SLS, or equal, fiberglass utility body and misc. equipment designed to fit a 2015 Ford F350 Super Duty.

Make and Model of fiberglass body bid: _____

BIDDER PROPOSES
TO FURNISH

Compartment interiors are to have bright white color finish. _____

Minimum of two hinges per door. Hinge shall be heavy duty stainless steel strap type hinge. Hinges will bolt to body and door with stainless steel flush mounted bolts. Hinge length approx. five (5) inches _____

Heavy duty, stainless steel, door latches, two stage, automotive, rotary type with adjustable strikers. All doors (locks) are to be keyed alike. _____

Body to have the following approx. dimensions:
Bidder to enter exact dimensions.

Length: approx. 108"	Length	_____
Height: approx. 42"	Height	_____
Width: approx. 82"	Width	_____
Compartment Depth: approx. 15"	Compartment Depth	_____
Load bed floor width: minimum 48"	Load bed floor width	_____

Compartments:

Left Front - Street side: approx. 37" wide x 42" tall _____

Equipped (from top to bottom, full width) with pull out drawers (on rollers) with adjustable dividers. (Approx. 9-10 drawers, approx 3"- 4" in height) _____

Left Horizontal – Over wheel well - Street side: approx. 40" wide x 20" tall _____

Equipped with one pull out drawer (located appropriately, in the center of the compartment.) Drawer to be approx. 3" tall, full depth and width. Drawer (on rollers) to be slide out _____

Left Rear - Street side: approx. 31" wide x 42" tall. _____

BIDDER PROPOSES
TO FURNISH

Equipped with 5 swivel J-hooks. Mounting 1 -3 - 1

Right Front - Curbside: approx. 37" wide x 42" tall.

Right Horizontal – Over well – Curb side: approx. 40" wide x 25" tall.

Equipped with one shelf (located appropriately, in the center of the compartment.)

Right Rear - Curb side: approx. 31" wide x 42" tall.

TOOL BOX: Mounted on top of left compartment, constructed of fiberglass with aluminum lid(s). Full length and width of compartment, minimum of 12" deep. Has two 4' lids, or one full length, that are hinged on street side.

LED FlexGlo compartment lights installed in each compartment. Wiring installed in loom with switch located in the cab. Switch to be energized ONLY when chassis lights are on.

Each side to be equipped with push/pull common locking system

Each door to be equipped with mechanical/pneumatic over-center door checks

Each compartment to be supplied with a flow through ventilation

All fasteners to be stainless steel with self-locking nuts

Tailgate: Aluminum, approx. 10" high. Hinged with self-latching hardware.

Chrome/Aluminum rock guards installed lower front corners of utility box and at rear of wheel wells.

Rubber fender flare is required at body wheel openings.

Body and Finish: An exterior gel coat finish (exact same color as cab) shall be applied to the body exterior, and have a depth of .015" to .018" when cured so as to guard against scratches. The high gloss ISO/NPG gel coat will be provided with UV barriers to guard against premature fading.

BIDDER PROPOSES
TO FURNISH

All metal (except chrome/aluminum) to be primed and painted the same color as cab/body. (Ford SCHOOL BUS yellow). _____

LED LIGHTS & REFLECTORS: Conform to FMVSS #108.
LED lighting for stop/tail/turn and all clearance lights. Lights (including backup) are to be flush mount and protected, with shock resistant rubber grommets. _____

TRAFFIC ARROW: Star Model # TD93DLXTARO. Mounted on rack at front of box. (Also used to mount beacon) _____

BEACON LIGHT: Sound Off part # EPL7PDAC, located front of box above traffic arrow. Protected by a guard made of not less than 1/2" stainless rod. Guard easily removable for light servicing. To be connected to one of the factory installed upfitter switches in the dash. _____

"BEACON ON" INDICATOR LIGHT: Roll Rite part #15100 _____

(Request LED lighting from TRUCKLITE, STAR or equivalent).

******* NOTE: All wiring to be enclosed in loom and all electrical connections are to be sealed with heat shrink tubing (mastic seal filled). ***** If mastic seal butt connectors are used, wire ends are to be lightly coated with dielectric silicone grease before being crimped and heated. ***** Lighting system shall be completely sealed and include waterproof lamps, weatherpack connectors, and weatherproof junction boxes with waterproof choke seals. All plug in connectors to be coated with silicone dielectric grease. NO scotch locks. No exceptions.**

Vise bracket to be installed. Location to be determined at time of installation. _____

TRAFFIC CONE HOLDERS: Two, mounted on front bumper. _____

TOW HOOKS, Heavy duty (Rear), two, bolted to frame. _____

STEP BUMPER: Steel, suitable for mounting vise bracket.
Minimum thickness: 1/4". _____

BIDDER PROPOSES
TO FURNISH

Class V 2 ½" Reese type hitch – installed under step bumper. Equipped with Buyers #BH102000. 2" multi-hitch mounted on an adjustable buyers # PM25612 pintle mount. To include safety chain hookup attachment point.

Weatherproof poly box (Betts) for all trailer/lighting connections at rear. Box to be attached to frame at rear of truck. All trailer/rear light connections are to go through this box.

Electric back-up alarm (Star model 62-102)

Trailer Connector: 7-pin connector (Velvac model #593083 and boot #11-761). Truck is pre-wired to rear (OE trailer package). City will supply wiring diagram to successful bidder.

MUD FLAPS: Behind rear wheels, using DOT specifications. Mud flaps are to be mounted using stainless steel hardware.

All items to be painted, installed, and fully operational. ALL phases of installation to be gone over with Scott Meter prior to installation.

Body Warranty: _____
Please enclose a copy of Manufacturer's warranty with bid.

Successful bidder to supply City of Traverse City with wiring diagram of electrical systems installed by them.

City will deliver cab/chassis to successful bidder and pick up finished truck for distances of 75 miles or less. Anything farther, bidder will pick up and deliver at no cost to the City.

Bidder - Please complete and return

BID SUMMARY

TITLE: MISCELLANEOUS EQUIPMENT TO BE INSTALLED ON FIVE TRUCKS FOR THE DPS/GARAGE

DUE DATE: Monday, May 12, 2014 at 2 PM

Having carefully examined the specifications and any other applicable information, the bidder proposes to furnish all items necessary for and reasonably incidental to the proper completion of this bid. Bidder submits this bid and agrees that the bid may not be withdrawn for a period of thirty (30) days from the actual date of the opening of the bid.

Bidder understands and agrees, if selected as the successful bidder, to accept a Purchase Order / Service Order / Contract from the City and to provide proof of any required insurance.

Bidder submits this bid and agrees to meet or exceed all the City of Traverse City's requirements and specifications unless otherwise indicated in writing and attached hereto.

Bid forms are to be completed, including bid sheet, and submitted. Items not meeting specifications must be noted in the "comply" column and bidder shall fully describe every variance, exception, and/or deviation. Additional sheets may be used and submitted with bid.

Bidder is also required to submit, with the bid, the latest printed manufacturer's specifications and advertising literature on the equipment (including components) to be provided. Completed unit MUST be equipped in compliance with all applicable ANSI, OSHA, State and Federal Motor Vehicle Safety standards and regulations in effect at time of manufacture.

Bidder understands that the City reserves the right to accept any or all bids in whole or in part and to waive irregularities in any bid in the best interest of the City of Traverse City. The bids will be evaluated and awarded on the basis of the best value to the city. Criteria used will include, but not be limited to, bidder/contractor's ability, qualifications, experience, type and amount of equipment, purchase price, maintenance cost(s), insurance, resale, license and permits and overall capability meeting the needs of the City of Traverse City. The City is sales tax exempt – Government.

The Bidder certifies that it is in compliance with the City's Nondiscrimination Policy as set forth in Administrative Order No. 47 and Chapter 605 of the City's Codified Ordinances.

The Bidder certifies that none of the following circumstances have occurred with respect to the Bidder, an officer of the Bidder, or an owner of a 25% or more share in the Bidder's business, within 3 years prior to the bid:

(a) conviction of a criminal offense incident to the application for or performance of a contract;

(b) conviction of embezzlement, theft, forgery, bribery, falsification or destruction of records, receiving stolen property, or any other offense which currently, seriously and directly reflects on the Bidder's business integrity;

(c) conviction under state or federal antitrust statutes;

(d) attempting to influence a public employee to breach ethical conduct standards; or

(e) conviction of a criminal offense or other violation of other state, local, or federal law, as determined by a court of competent jurisdiction or an administrative proceeding, which in the opinion of the City indicates that the bidder is unable to perform responsibility or which reflects a lack of integrity that could negatively impact or reflect upon the City of Traverse City, including but not limited to, any of the following offenses or violations of:

i. The Natural Resources and Environmental Protection Act.

ii. A persistent and knowing violation of the Michigan Consumer Protection Act.

iii. Willful or persistent violations of the Michigan Occupational Health and Safety Act.

iv. A violation of federal, local, or state civil rights, equal rights, or non-discrimination laws, rules, or regulations.

v. Repeated or flagrant violations of laws related to the payment of wages and fringe benefits.

(f) the loss of a license or the right to do business or practice a profession, the loss or suspension of which indicates dishonesty, a lack of integrity, or a failure or refusal to perform in accordance with the ethical standards of the business or profession in question.

Pre-delivery Inspection: Successful bidder shall make a complete inspection of vehicle (and/or equipment) to insure it meets specifications and perform any pre-delivery service(s) required before the vehicle is delivered. Acceptance shall be subject to complete inspection and approval of the City.

Terms: Net Cash. Payment will be made as soon as possible after delivery/acceptance of vehicle/equipment. Price quoted shall include any title fee, any documentation fee, and all transportation (delivery) costs to the City Garage, 625 Woodmere Ave., Traverse City, MI 49686.

Bidder certifies that as of the date of this bid, Bidder's company or Bidder is not in arrears to the City of Traverse City for debt or contract and is in no way a defaulter as provided in Section 152, Chapter XVI of the Charter of the City of Traverse City.

The City may require an in house equipment demonstration for your bid to be considered.

Please direct ALL questions to: Scott Meter, Supt., Div. of Motor Equipment, City of Traverse City, at 231-922-4900, ext. 111.

Bidder agrees that the bid may not be withdrawn for a period of thirty (30) days from the actual date of the opening of the bid.

Bidder shall supply and install specified and miscellaneous equipment on City of Traverse City's cab and chassis.

TRUCK #1:

COST OF SPECIFIED SUPPLIED AND INSTALLED EQUIPMENT
EXCEPT PLOW AND PLOW INSTALLATION: \$ _____

COST OF PLOW AND INSTALLATION: \$ _____

TOTAL (COMBINED) COST OF ABOVE ITEMS: \$ _____

EXPECTED DELIVERY DATE (MINUS PLOW) OF TRUCK
AND EQUIPMENT AFTER RECEIPT OF PURCHASE ORDER: _____

TRUCK #2:

COST OF SPECIFIED SUPPLIED AND INSTALLED EQUIPMENT: \$ _____

EXPECTED DELIVERY DATE OF TRUCK AND EQUIPMENT
AFTER RECEIPT OF PURCHASE ORDER: _____

TRUCK #3:

COST OF SPECIFIED SUPPLIED AND INSTALLED EQUIPMENT
EXCEPT PLOW AND PLOW INSTALLATION: \$ _____

COST OF PLOW AND INSTALLATION: \$ _____

TOTAL (COMBINED) COST OF ABOVE ITEMS: \$ _____

EXPECTED DELIVERY DATE (MINUS PLOW) OF TRUCK AND EQUIPMENT AFTER RECEIPT OF PURCHASE ORDER: _____

TRUCK #4:

COST OF SPECIFIED SUPPLIED AND INSTALLED EQUIPMENT EXCEPT PLOW AND PLOW INSTALLATION: \$ _____

COST OF PLOW AND INSTALLATION: \$ _____

TOTAL (COMBINED) COST OF ABOVE ITEMS: \$ _____

EXPECTED DELIVERY DATE (MINUS PLOW) OF TRUCK AND EQUIPMENT AFTER RECEIPT OF PURCHASE ORDER: _____

TRUCK #5:

COST OF SPECIFIED SUPPLIED AND INSTALLED EQUIPMENT: \$ _____

EXPECTED DELIVERY DATE OF TRUCK AND EQUIPMENT AFTER RECEIPT OF PURCHASE ORDER: _____

Submitted by:

Signature

Company Name

Name and Title (Print)

Company Address

Phone Fax

City, State, Zip

Sole proprietorship/partnership/corporation

If corporation, state of corporation

REFERENCES: (include name of organization, address, contact person, daytime phone number, and length of time services have been performed).

1. _____

2. _____

3. _____

SUBCONTRACTORS: (include name of organization, address, contact person, daytime phone number, and services to be performed).

1. _____

2. _____

3. _____
