

**Request for Proposal
9 ft. Service Body
Bid #FY17-804-19**

Manchester Water Works seeks proposals for the supply, and installation of a 9 ft. Service Body, per attached specifications on our 2017 Ford F-350 Super Duty crew cab & chassis.

Cab & chassis will be delivered to selected vendor upon receipt, inspection and acceptance of Service Body.

Any questions regarding specifications should be addressed to Scott Lovering, Equip. Maint. Supdt., at (603) 494-1674, or by e-mail to sloverin@manchesternh.gov.

Proposals must be submitted to Purchasing Agent no later than 11:00 AM, Thursday, 9/15/16.

**Manchester Water Works
Attn: Purchasing Agent
281 Lincoln St.
Manchester, NH 03103
Bid#FY17-804-19**

9 Ft. Service Body

To be installed on the Cab & Chassis that follows:

2017 Ford F350 Super Duty Cab & Chassis with 60" "cab to axle".
DRW and V-8, 6.2 liter gas engine, Auto Trans.

Fuel tank, 40 gals, located in rear, between frame rails.

Service Body Color: Service body exterior will be painted to match the factory cab color ("Blue Jeans"), utilizing lead-free paint. Paint system shall be Base Coat, Clear Coat.

General:

Shall be based on a manufacturer's standard product and design.

Shall utilize A-40 "galvanneal" sheet steel, and shall use a fully welded assembly procedure.

Understructure shall have fully unitized welding, braced and reinforced at all major points.

Immersion cleaning, pretreatment and electro-coated primer/sealer with a heated curing process.

The underside shall be undercoated on all surfaces and seams sealed to prevent corrosion.

Service body will be 108" long, have a minimum width of 93" with 50" minimum width of the cargo area.

Cargo floor shall be a minimum 3/16" thick tread plate.

Compartment backs, left & right, inner tailgate, left compartment top, and right compartment top, inboard of “flip-top” lids shall have 1/8” thick tread plate overlay, welded full length with no openings.

Cargo tie-downs, 2 per side located at least 1 ft. from rear edge of cargo floor and 1 ft. from front bulkhead, minimum of 6 in. from compartment backs. Tie downs shall be flush, floor mounted, full rotating D-ring design.

Right and left front & rear inner compartment bottoms shall have 1/8” thick tread plate, full dimension, welded in place.

Equipped with spring-loaded “Master Lock” system and security shield above each locking handle.

All compartment doors to be heavy duty, double panel A-40 galvanized construction with internal reinforcement.

Stainless steel, replaceable door hinges on all compartment doors.

Each vertical compartment door equipped with replaceable, spring-loaded door holder.

Each horizontal door equipped with 2 support chains or cables.

Stainless steel, paddle activated rotary-style latches on each compartment door, with locks, keyed alike.

Door strikers to be fully adjustable.

Top of the right compartment will be equipped with “flip-top” compartment running full length of top dimension, with lid supported by 2 replaceable, gas charged supports. Release handle within horizontal compartment.

12 in. grab handles, stainless steel, or anodized aluminum, left & right of cargo area.

Body shall have aluminum tread plate stone guards, left & right compartment fronts, full width of compartment and 24 in. height. Stone guards shall be permanently attached with stainless steel rivets.

Slam action tailgate with dual supports, rated for a minimum of 300 lbs.

Aluminum tread plate trim kit; tailgate and flip top lid.

Aluminum fuel fill cap.

Cargo area floor, compartment backs, inner tailgate, left compartment top, right compartment top, inboard of “flip-top” lid, treated with “Line-X” spray-on protective coating.

Compartments:

Side compartments to be minimum 20” depth.

Compartment layout; shall be Knapheide “600 series” or Reading “A” design on left and right sides.

Each compartment door and flip top lid equipped with automotive type, full perimeter weather stripping.

Interior of all compartments, including doors and “flip tops” lids to be powder coated white.

Each compartment equipped with LED lighting, wired in parallel for single switch control and “key on” operation. Single power source wire run to LF compartment.

Front & rear vertical compartments equipped with 3 shelves each, and 3 dividers per shelf.

Right horizontal, and left horizontal compartments equipped with single, full length shelf with 4 dividers, minimum.

All shelving to be bright, galvanized steel, rated for 250 lbs., with divider slots on 4” center.

Interior light guards, left & right rear compartments.

All compartment wiring to be within split loom conduit, secured every 12", and protected by grommets when passing through bulkhead or compartment walls.

Lighting:

All lighting to be LED design, in compliance with FMVSS and DOT regulations.

Combination stop/turn/tail lamps, grommet mounted.

Marker lamps to be guarded, shock resistant mounting.

Backup lamps, and back-up alarm.

Backup alarm to be "smart alarm" style, self adjusting volume such as Ecco SA950. Alarm positioned to prevent water and debris intrusion.

License plate lamp with integral mounting bracket.

Amber LED strobe, grommet mounted left and right in proximity to S/T/T lamps. Acceptable lamp is Whelen PSA00FAR "Smart LED" or approved equal. Strobe lamp wiring to be run to LF compartment.

All wiring to be of sufficient size and rating for intended circuit operation. Mfr. chassis wiring harness to be utilized for S/T/T and B/U lamps, using only weather-tight or heat-shrink connectors.

All wiring to be enclosed in split loom conduit, secured at least every 12" and protected by grommets when passing through bulkhead or compartment walls.

Rear Bumper:

Shall be grip strut bumper with pintle hook recess, minimum width of 9.5" and minimum height of 6"

Bumper to be "Line-X" spray-on protective coated.

Class V receiver hitch mounted below bumper, ground to hitch height of 20”.

All bumper fasteners must be Grade 8 rating.

Retractable truck step, 2, mounted on each side of recess.

Accessories:

Removable, side mount ladder racks on left and right compartments. Racks mounted parallel to compartment tops’. Rack shall be a minimum width of 21” and depth of 2.5”. Left rack minimum height of 26” (above-deck compressor clearance.) Right rack shall be mounted to allow adequate clearance for flip-top lid opening.

Right & left ladder racks equipped with ladder rack rails between front & rear vertical structures.

Cab Guard: Removable, full-frame punched metal, or mesh, full coverage cab shield with cutout for CHMSL visibility. May be steel, or aluminum construction. Steel construction shall be painted primary cab & body color. On the top of the cab guard will be a 8” x 50” x ¼” mounting plate for lights. This mounting plate shall be centered on the cab guard. Material, design and mounting procedure subject to MWW approval.

Water cask stand; loose, mounting location to be determined.

Cone holder; loose, mounting location to be determined.

Mud flaps, left & right. Right side installed to prevent contact and heat damage from tail pipe.

Installation/Painting:

Service body to be installed per manufacturer’s standard procedure.

Understructure cross members shall sit directly on chassis frame rails, secured with mfr. provided installation kit. All fasteners shall be grade 8 rating.

No alteration or modification of cab & chassis is allowed.

Paint system; Base Coat, Clear Coat process

Paint products and application procedure must comply with all state and federal requirements, using lead-free paint.

Service body must be inspected, approved and accepted by MWW prior to installation.

Completed vehicle assembly must comply with FMVSS requirements.

Warranty:

6 year coverage of rust through, panel separation, latches and hinges, including labor by service body manufacturer.

1 year warranty on installation, paint de-lamination or adhesion and installer provided equipment.

Acceptable models:

Based upon the specifications provided, indicative of the type and quality required, only the following manufacturers and representative models will be considered;

- Knapheide 6108DFJ40
- Reading U108-DW

Delivery Time:

Proposal **must** include an accurate delivery date, or time period from manufacturer to installer from issuance of Purchase Order to selected vendor.

Delivery time is a selection criteria. Installer **must** provide an accurate time for completion to include inspection and acceptance by MWW.

Proposal must be submitted on the attached sheet by date & time specified to:

Manchester Water Works
Attn: Purchasing Agent
281 Lincoln ST.
Manchester, NH 03103

Bid #FY17-804-19
Service Body Proposal
11:00 am, 9/15/16

Manufacturer & Model: _____

Total Price, as specified: \$ _____

Service body to Installer: (date/weeks) _____

Completion date (delivery to MWW): _____

Company Name: _____

Address: _____

City, St., Zip: _____

Phone: _____

Representative (print): _____

Signature: _____

Exceptions: _____

Please submit this page, with product literature by 11:00 AM, Sept 15, 2016