

**CITY OF KENOSHA
PUBLIC WORKS DEPARTMENT- STORM WATER DIVISION
ONE (1) NEW MUNICIPAL UTILITY TRACTOR WITH RELATED ATTACHMENTS
PROPOSAL NOTICE 13-17**

ISSUED: July 11, 2017

Sealed proposals will be accepted by the City of Kenosha, in the Department of Finance, Municipal Office Building , 625-52nd Street, Room 208, Kenosha, Wisconsin until:

Thursday August 3, 2017 at 3:00 P.M.

for providing and delivering the following in accordance with City of Kenosha standard terms and conditions, and specifications contained herein:

ONE (1) NEW MUNICIPAL UTILITY TRACTOR WITH RELATED ATTACHMENTS

Vendors shall furnish complete Manufacturer's Specifications and include all manufacturer's literature describing in detail the equipment being solicited. Vendors shall answer **ALL** questions in the enclosed specification sheets. Any questions concerning expected specifications and product should direct inquiries to Jay Getka, Kenosha Public Works Department Fleet Maintenance Superintendent at (262) 653-4079. Any questions and inquiries regarding the solicitation process itself, should be directed to Mark Willing, Purchasing Manager, City of Kenosha at 262-653-4180.

The City of Kenosha is exempt from Federal Excise Tax and State Sales Tax, therefore, proposals should be made exclusive of these taxes. A Tax Exemption Certificate and/or Tax Exemption Registry Number will be furnished to the successful proposer.

State delivery on the proposal form on number of days from receipt of purchase order as it is imperative equipment is available by snow season.

Delivery is F.O.B. Destination to the City of Kenosha, at the following address:
Public Works Department - Fleet Maintenance Garage
3725 65th Street
Kenosha, WI. 53142

Proposal must be submitted on the attached proposal form. Proposal and completed Proposer's Specifications must be in a sealed envelope and returned clearly marked with scheduled date, time of opening and Proposal Notice number. Proposals received after the date and time of opening will not be considered. Proposals must be signed and dated and no proposals sent by any electronic means will not be accepted.

The City of Kenosha reserves the right to award contract to the most qualified proposer. The City reserves the right to accept or reject any or all proposals or to accept any proposal that is considered

the most advantageous to the City of Kenosha. Award will be made within thirty (30) days of scheduled opening to the lowest responsive responsible Vendor meeting or exceeding City of Kenosha specifications, special terms and conditions.

Unit shall be new, unused and of the current model year.

Please take into consideration the vehicle listed for a possible trade-in. The City reserves the right to accept or reject any trade value offered as part of this solicitation.

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SPECIFICATIONS

Minimum Specifications (per unit)	Proposers Specifications
<p>1. GENERAL: It is the intent of this specification to describe the minimum requirements for one (1) new utility tractor with related attachments, to be purchased by the City of Kenosha Public Works Department – Storm Water Division. All parts, items, or features not specifically mentioned, which are necessary or which are regularly furnished in order to provide a complete unit, shall be furnished and delivered by the successful Vendor at the proposed price and shall conform in strength, quality of material and workmanship to that usually provided by standard engineering practice.</p>	
<p>2. MANUFACTURER'S WARRANTY: The City of Kenosha is obligated to purchase equipment which will give service over a long life. During the warranty period, the Vendor shall replace and install without charge, any defective parts or any parts not suitable for the service intended. All warranty work shall be picked up by the Vendor within seventy-two (72) hours notification by the City, and delivered within seventy-two (72) hours after completion of repairs. The warranty period shall begin when the vehicle is placed into service by the City.</p>	
<p>2.1 The Vendor shall be responsible for all “transportation” charges during the full warranty period for any equipment that requires warranty repair and/or replacement. The term “transportation” shall mean the physical driving of the unit by the Vendor but not to include towing or “trailing” of the unit. This includes picking up the unit from a designated City facility; delivery to an authorized repair facility; and return of the unit to a designated City facility.</p>	
<p>2.2 The Vendor shall supply the City with written authorization for any warranty work performed by City personnel, which has been verbally agreed upon. The written authorization shall include both the labor and parts reimbursement agreement which shall either be faxed, electronically mailed or sent by First Class US Mail. The City will invoice the Vendor for all warranty work performed by City personnel.</p>	
<p>2.3 The Vendor shall warrant the complete unit “Bumper to Bumper”, which includes but is not limited to the frame, cab, engine, power train, electrical and electronic components, hydraulic system components, dealer-installed accessories and related components from defective parts and workmanship for a minimum of three (3) years from the date the equipment is placed into service.</p>	
<p>2.4 A complete detailed copy of the basic warranty and extended warranty policy, outlining the terms and conditions, shall be included with the proposal. The warranty terms shall be clearly stated and include all inclusions and exclusions along with expiration dates.</p>	
<p>2.4.1 OPTION #1: A detailed copy of an additional five (5) year or 5,000 hour Manufacturer's Extended Power Train Warranty (Five (5) year total coverage), along with the coverage and cost to municipal customers, shall be included with the proposal. The Vendor shall provide specific details and costs</p>	

of Extended Manufacturer's Power Train Warranty Options, which shall include, but not limited to, all internal and external engine manufacturer's components, drive line/axles/differential(s), engine exhaust emission systems and electronic controls and sensors for all components. <u>Specify cost of Option #1.</u>	
3. SERVICE FACILITIES: In order to insure that the City will be able to maintain and repair the equipment purchased, the Vendor shall operate a service facility capable of performing most repairs associated with the proposed equipment. This City-approved facility shall be located within fifty (50) miles of the City of Kenosha Fleet Maintenance Garage and be stocked with common replacement and high wear parts. The Vendor shall provide the name, address and telephone number of the service facility, and the person to contact for service with their warranty statement.	
4. AWARD AUTHORITY: The City shall be the sole judge of the quality, construction and suitability of the equipment offered in its determination of the successful Vendor.	
5. DESCRIPTION OF EQUIPMENT: A proposal shall be considered only if the Vendor clearly shows, without a doubt, that they are proposing regularly manufactured equipment, tried, proven, and in current use. A list of three (3) or more users with similar equipment, shall be furnished upon the request of the City after the proposal opening. PRINTED LITERATURE DESCRIBING THE PARTICULAR EQUIPMENT INCLUDING ACCESSORIES (make, model and manufacturer's rating) SHALL BE INCLUDED WITH THE PROPOSAL.	
5.1 The Vendor shall propose the latest model of equipment manufactured, by the concentration which they represent. Equipment shall be new and unused. Factory rebuilt equipment or demonstration units will not be considered.	
6. SAFETY EQUIPMENT: The vehicle shall comply with all applicable Federal Motor Vehicle Safety Standards.	
7. SERVICE REQUIREMENTS: The equipment will be used by the City of Kenosha's Storm Water Utility Division, for construction work, maintenance and snow removal.	
8. TECHNICAL REQUIREMENTS: Other than the attachments identified as options, all of the specified features, attachments and accessories listed below, shall be incorporated into the municipal tractor package to be purchased by the City.	
8.1 TYPE: The municipal tractor and attachments shall be manufactured by Bobcat or Holder (or other City-approved alternate) and be equipped to operate all attachments purchased by the City. <u>Specify make, model and year of the proposed tractor.</u>	
8.2 OPERATING WEIGHT: The SAE operating weight shall not be less than 5,490 pounds including counterweights. <u>Specify weight.</u>	
8.2.1 The weight shall not include optional equipment even if specified.	
8.3 ENGINE: The unit shall have a sleeved, turbo-charged, four (4) cylinder diesel engine with a minimum displacement of 122 cubic inches and minimum net horsepower (SAE J1349) of 61 at 2,800 R.P.M. <u>Specify engine make and model.</u>	
8.3.1 <u>Specify engine net horsepower (SAE J1349) at 2,800 R.P.M.</u>	
8.3.2 <u>Specify engine displacement.</u>	

8.3.3 The engine shall have a minimum torque rating at 1,825 R.P.M (SAE Net) of 120.8 lbs./ ft. <u>Specify engine torque rating.</u>	
8.3.4 The engine shall meet the current US EPA and CARB non-road, diesel engine emission regulations. <u>Specify engine tier rating.</u>	
8.3.5 The engine shall have a statically and dynamically balanced crankshaft. <u>Specify if different.</u>	
8.3.6 The unit shall have an enclosed engine fan guard conforming to SAE J1308. <u>Specify if different.</u>	
8.3.7 The engine shall have a pressurized liquid cooling system with extended life, antifreeze protection down to -34 degrees Fahrenheit. <u>Specify if different.</u>	
8.3.8 The engine shall have an installed, 110 volt, 1,000 watt, minimum engine block heater with a remote plug receptacle as specified by the City. <u>Specify if different.</u>	
8.3.9 The unit shall have environmentally friendly drains to safely drain engine oil and other vehicle fluids. <u>Specify if different.</u>	
8.3.10 The engine shall operate on Ultra Low Sulfur, No. 2, highway grade diesel fuel. <u>Specify if different.</u>	
8.3.11 The engine shall have a heavy-duty dry type air filter with a safety element. <u>Specify if different.</u>	
8.4 DRIVE SYSTEM: The unit shall have a fully hydrostatic full time, four-wheel drive system. <u>Specify if different.</u>	
8.4.1 The unit shall have limited slip differentials provided in both axles. <u>Specify if different.</u>	
8.4.2 If the municipal tractor has an all-wheel steering system, the steering angle shall be shared by both axles. <u>Specify if different.</u>	
8.4.3 The turning diameter shall be 17.5 feet. (The diameter of the circle made by the outside tires in a full turn.) <u>Specify if different.</u>	
8.4.4 The steering shall be activated by hydraulic power steering and be controlled by a steering wheel with tilt adjustment. <u>Specify if different.</u>	
8.4.5 The unit shall have either all-wheel steering or a center articulation point to turn and maneuver in tight areas. <u>Specify type of design.</u>	
8.4.6 The unit's transmission shall be infinitely variable, tandem and possess hydrostatic piston pumps, driving two (2) fully reversing, hydrostatic motors. <u>Specify if different.</u>	
8.4.7 The unit shall have two-speed (standard and high speed) travel capability. <u>Specify if different.</u>	
8.5 DRIVE CONTROLS: The unit shall be equipped with separate controls for engine speed and travel speed. <u>Specify if different.</u>	
8.5.1 The drive speed shall be controlled by a single pedal. <u>Specify if different.</u>	
8.5.2 The engine speed shall be controlled by a hand lever. <u>Specify if different.</u>	
8.5.3 The travel direction shall be controlled by a shuttle lever which	

includes Forward, Reverse and Park. <u>Specify if different.</u>	
8.5.4 The placing of the shuttle lever in the Park position shall engage the parking brake and disable drive controls. <u>Specify if different.</u>	
8.5.5 A neutral start feature shall be provided which requires the unit to be in the Park position (parking brake applied) before the engine can be started. <u>Specify if different.</u>	
8.6 TRAVEL SPEEDS: The unit shall have two (2) travel speed ranges (Low and High). <u>Specify if different.</u>	
8.6.1 The unit shall have the ability to shift between travel speed ranges while moving, "On the Fly". <u>Specify if different.</u>	
8.6.2 The Low range travel speed shall be infinitely variable from zero (0) to eight (8) M.P.H. <u>Specify if different.</u>	
8.6.3 The High range travel speed shall be infinitely variable from zero (0) to seventeen (17) M.P.H. <u>Specify if different.</u>	
8.6.4 The reverse travel speed shall be limited to eight (8) M.P.H., regardless of the speed range selected. <u>Specify if different.</u>	
8.6.5 The unit shall have a digital speedometer to monitor ground speed. <u>Specify if different.</u>	
8.6.6 The unit shall be equipped with cruise control, to set travel speed, and be easily adjusted by acceleration and deceleration buttons on the dash. <u>Specify if different.</u>	
8.7 BRAKES: The unit shall automatically bring itself to a stop when the drive pedal is released. <u>Specify if different.</u>	
8.7.1 The braking load shall be shared by all wheels. <u>Specify if different.</u>	
8.7.2 PARKING BRAKE: The parking brakes shall engage automatically when the engine is not running; equipped in each axle; be engaged by a mechanical spring force and be released by hydraulic pressure. <u>Specify if different.</u>	
8.7.3 The drive controls shall be automatically deactivated when the parking brake is applied. <u>Specify if different.</u>	
8.8 SAFETY FEATURES: The unit shall have a R.O.P.S. approved, fully enclosed deluxe cab with side screens and 360 degree visibility provided through tinted safety glass. <u>Specify if different.</u>	
8.8.1 The unit shall have an acoustical sound package consisting of foam sound-dampening materials to reduce operator noise levels below 85 dba (static). <u>Specify if different.</u>	
8.8.2 The unit shall have built-in boom locks. <u>Specify if different.</u>	
8.8.3 The unit shall have an Operator Presence System, where the seat belt interlocks with the engine start, boom and bucket circuits. <u>Specify if different.</u>	
8.9 HYDRAULIC SYSTEM: The unit shall have an open center hydraulic system and have a minimum 42 hydraulic horsepower rating. <u>Specify if different.</u>	
8.9.1 The unit shall have a minimum 27.9 G.P.M. (gallon per minute), engine driven, gear type, hydraulic pump. <u>Specify if different.</u>	

8.9.2 The unit shall have a minimum hydraulic system pressure at the quick couplers of 3,000 P.S.I. (206 Bar). <u>Specify if different.</u>	
8.9.3 The unit shall have a three (3) spool loader control valve, pilot operated, open center, series type with float detente on the lift. The auxiliary hydraulic control valve for the attachments shall be electric over hydraulic, with dual direction detente. <u>Specify if different.</u>	
8.9.4 The unit shall have “variable flow” and “maximum flow” auxiliary hydraulics, with City-approved, flush-face style, quick couplers. <u>Specify if different.</u>	
8.9.5 The unit hydraulic cylinders shall be double acting, the tilt cylinders shall have a cushioning feature on the dump and roll back. <u>Specify if different.</u>	
8.9.6 The unit shall have a heavy duty, full flow, hydraulic oil cooler for continuous heavy lifting in high ambient temperatures. The cooling fan shall be remote mounted and not be driven directly off of the engine. <u>Specify if different.</u>	
8.9.7 The unit shall have a hydraulic reservoir with an integral sight level gauge. <u>Specify if different.</u>	
8.9.8 The unit shall have a universal skid steer style hydraulically controlled quick hitch coupler, compatible with existing City-owned units. The hydraulic quick coupler shall be controlled with a rocker switch from inside the cab. <u>Specify if different.</u>	
8.9.9 <u>Specify the type of hydraulic oil for use in the municipal tractor.</u>	
8.10 ELECTRICAL: The unit shall have a twelve (12) volt electrical system, which complies with SAE standards. <u>Specify voltage.</u>	
8.10.1 The unit shall have an automatic air pre-heater or glow plug system for cold weather starting. <u>Specify type of cold weather starting system.</u>	
8.10.2 The unit shall have a ninety (90) amp minimum alternator. <u>Specify if different.</u>	
8.10.3 The unit shall have a battery rated at a minimum 950 cold cranking amps (CCA) at 0 degrees Fahrenheit and a reserve capacity of 180 minutes at 80 degrees Fahrenheit. <u>Specify CCA at 0 degrees Fahrenheit and reserve capacity at 80 degrees Fahrenheit.</u>	
8.10.4 The unit shall be supplied with the heaviest duty direct drive starter, available from the manufacturer. <u>Specify if different.</u>	
8.10.5 The unit shall have an adjustable electronic type back-up alarm (87 dba minimum) installed at the rear of the unit. <u>Specify if different.</u>	
8.10.6 The unit shall be equipped with a twelve (12) volt power port for accessories in the cab. <u>Specify if different.</u>	
8.10.7 All wiring harnesses shall be colored coated and numbered with quick disconnect connectors and shall be accessible for maintenance. <u>Specify if different.</u>	
8.10.8 All electrical system items shall be properly protected and all add-on accessories shall comply with the City’s “ACCESSORY WIRING SPECIFICATIONS,” copy attached. <u>Specify if different.</u>	
8.11 TIRES: The unit shall be supplied with 27.00 X 10.5 – 15, 8 ply, lug tread tires (or other City-approved alternate), without hydro-inflation. <u>Specify tire</u>	

size, make and ply.	
8.12 CAB: The unit shall have a cab with front, rear and side glass windows made from tempered safety glass. The side windows shall slide open for ventilation. Plexiglass or plastic windows are not acceptable. <u>Specify if different.</u>	
8.12.1 The cab shall have dual arm front windshield wipers with washers. <u>Specify if different.</u>	
8.12.2 The cab shall have two (2) cup/beverage holders. <u>Specify if different.</u>	
8.12.3 The cab shall have two (2) forward facing seats, one for the operator and one for the passenger. The seats shall have a retractable seat belt and arm rest for each person in the cab. <u>Specify if different.</u>	
8.12.4 The driver's seat shall have inclined adjustment tracks. <u>Specify if different.</u>	
8.12.5 The cab shall have a factory installed AM/FM radio. <u>Specify if different.</u>	
8.12.6 The cab shall have a horn for the operator to audibly alert co-workers or others in the work area. <u>Specify if different.</u>	
8.12.7 The cab shall have a seat hip restraint for the occupants. <u>Specify if different.</u>	
8.12.8 The cab enclosure shall consist of two (2) steel frame doors with locking handles and tethers to restrict door open angle. <u>Specify if different.</u>	
8.12.9 The cab shall have floor cover plates to keep mud and debris from entering the floor pan for a cleaner operator's station. The floor plates will also keep heat in when using the unit in cold weather. <u>Specify if different.</u>	
8.12.10 The cab shall have factory installed air conditioning, heat and a defroster capable of defrosting all of the windows. <u>Specify if different.</u>	
8.12.11 The unit shall have anti-slip steps and grab handles for a safe entry and exit from the cab and at any other locations on the unit which daily checks are required. <u>Specify if different.</u>	
8.12.12 The cab shall have a rear view mirror installed to allow the operator to clearly see the rear of the unit. <u>Specify if different.</u>	
8.13 LIGHTING: The unit shall have four (4) way flashers to alert others and other vehicles that the unit is in the area and operational. <u>Specify if different.</u>	
8.13.1 The unit shall have an inside cab dome light with a permanently labeled switch. <u>Specify if different.</u>	
8.13.2 The unit shall have a total of four (4) front mounted halogen work lights mounted in a City-approved manner and controlled by a separate dash mounted switch which is permanently labeled. <u>Specify if different.</u>	
8.13.3 The unit shall have a total of two (2) rear mounted halogen work lights mounted in a City-approved manner that can be positioned independently of each other and controlled by a separate dash mounted switch which is permanently labeled. <u>Specify if different.</u>	
8.13.4 The unit shall have a Federal Signal LED Pulsator (part #212650-02), 12 – 48 volt DC (or other City-approved alternate) strobe light protected with a limb guard mounted on the top of the cab in a City-approved location. <u>Specify if different.</u>	

8.14 SAE SPECS: SAE specifications are for comparison purposes only and shall be based on an empty sixty-two inch (62") wide foundry bucket (27.00 X 10.5) tires without ballast, auxiliary boom hydraulics, full fuel tank and a 175 lb. Operator.	
8.14.1 The dump box angle at maximum height shall be 45 degrees. <u>Specify if different.</u>	
8.14.2 The dump box height at fully raised position shall be eighty-three inches (83"). <u>Specify if different.</u>	
8.14.3 The dump box loading height shall be 38.2". <u>Specify if different.</u>	
8.14.4The dump height shall be 60.4". <u>Specify if different.</u>	
8.14.5 The ground clearance of the differentials shall be 9.2". <u>Specify if different.</u>	
8.14.6 The ground clearance of the cab shall be 10.3". <u>Specify if different.</u>	
8.14.7 The height to the bucket hinge pin shall be 84.3". <u>Specify if different.</u>	
8.14.8 The overall length, without attachments, shall be 145.3". <u>Specify if different.</u>	
8.14.9 The overall length, with a standard bucket shall be 172.4". <u>Specify if different.</u>	
8.14.10 The overall length, with bucket and tailgate down, shall be 181.6". <u>Specify if different.</u>	
8.14.11 The bucket rollback at ground level shall be 30 degrees. <u>Specify if different.</u>	
8.14.12 The step in height of the cab shall not exceed 21.7". <u>Specify step in height.</u>	
8.14.13 The wheelbase of the unit shall be 88.0". <u>Specify if different.</u>	
8.14.14 The overall width with standard tires (27 X 10.50 X 15) with wheels straight, shall be 60". <u>Specify if different.</u>	
8.14.15 The dump box shall have nine (9) 2" X 1.5" stake pockets. <u>Specify if different.</u>	
8.15 PERFORMANCE: The unit shall have a minimum SAE rated operating capacity of 2,200 pounds. <u>Specify operating capacity.</u>	
8.15.1 The unit shall have a minimum tipping load SAE rating of 4,200 pounds. <u>Specify tipping load.</u>	
8.15.2 The unit shall have a minimum lift breakout force (SAE) rating of 4,000 foot pounds. <u>Specify lift breakout force in foot pounds.</u>	
8.15.3 The unit shall have a minimum tilt breakout force (SAE) rating of 4,150 foot pounds. <u>Specify tilt breakout force in foot pounds.</u>	
8.15.4 The unit shall have a minimum axle torque of 6,473 foot pounds. <u>Specify axle torque in foot pounds.</u>	
8.16 ENGINE MONITORING AND SHUTDOWN SYSTEM: The unit shall have an engine and hydraulic monitoring system that monitors vital machine conditions. The engine shall automatically shut down in the event vital	

conditions exceed acceptable limits. The engine shall have the ability to restart in thirty (30) second intervals, to be able to move the machine to safety after shut down occurs. <u>Specify if different.</u>	
8.16.1 The system's monitor shall display service diagnostic codes, when the warnings are encountered and store these codes for later access. <u>Specify if different.</u>	
8.16.2 The unit shall have a cold weather starting aid using a glow plug system. The engine monitor shall control the glow plug system automatically based on the engine temperature. <u>Specify if different.</u>	
8.17 GAUGES / INDICATOR LIGHTS: The unit shall have the following gauges and/or warning lights. All gauges and digital displays shall be backlit when the front lights are on. <u>Specify if different.</u>	
8.17.1 The hour meter shall be displayed digitally and be capable of having resettable job hours. <u>Specify if different.</u>	
8.17.2 The unit shall have an engine coolant temperature gauge and a high engine temperature warning light. <u>Specify if different.</u>	
8.17.3 The unit shall have a low engine oil pressure warning light. <u>Specify if different.</u>	
8.17.4 The unit shall have a low battery voltage warning light. <u>Specify if different.</u>	
8.17.5 The unit shall have a fuel level gauge and a low fuel level warning light. <u>Specify if different.</u>	
8.17.6 The unit shall have a travel speed indicator digitally displayed in both M.P.H. and KM/H. <u>Specify if different.</u>	
8.17.7 The unit shall digitally display engine R.P.M. <u>Specify if different.</u>	
8.17.8 The unit shall have a high hydraulic temperature warning light. <u>Specify if different.</u>	
8.17.9 All gauges and/or indicator lights shall be illuminated and positioned for good visibility from the driving position. <u>Specify if different.</u>	
8.18 COUPLER: The unit and all attachments shall have a City-approved, hydraulically actuated, universal skid steer, quick coupler, compatible with existing City-owned equipment. It is the Vendor's responsibility to verify the compatibility of quick coupler. The equipment and attachments will be checked for interchangeability prior to final acceptance. <u>Specify if different.</u>	
8.19 BUCKET: The unit shall be supplied with a sixty-two inch (62") wide general purpose bucket. The bucket shall be wide enough to cover the outside width of the tires. The bucket shall have two (2) grab hooks for 3/8" diameter chain, welded and mounted, in a City-approved manner on the bucket. The 3/8" grab hooks shall have a minimum work load limit of 7,000 pounds. The grab hooks shall be constructed of heat treated alloy steel and be securely welded for maximum hook surface to the bucket. <u>Specify if different.</u>	
8.19.1 <u>Specify make and model of bucket.</u>	
8.19.2 The SAE heaped capacity of the bucket shall be 10.5 cubic feet. <u>Specify if different.</u>	
8.19.3 The weight of the bucket shall be 257 pounds. <u>Specify if different.</u>	

8.19.4 The back height of the bucket shall be 19.9". <u>Specify if different.</u>	
8.19.5 The bucket length shall be 30.0". <u>Specify if different.</u>	
8.19.6 The bucket back angle shall be 70 degrees. <u>Specify if different.</u>	
8.19.7 The bucket shall be fully functional and mount to the utility tractor's universal quick coupler. <u>Specify if different.</u>	
8.20 OPTION #2, 68" ANGLE BROOM: If Option #2 is selected, the unit shall be supplied with a sixty-eight inch (68") angle broom, manufactured by the same manufacturer as the utility tractor. <u>Specify cost of Option #2.</u>	
8.20.1 <u>Specify make and model of sixty-eight inch (68") angle broom.</u>	
8.20.2 The broom shall be able to sweep flush to a curb or wall on the right side. <u>Specify if different.</u>	
8.20.3 The broom angle shall be hydraulically adjustable. <u>Specify if different.</u>	
8.20.4 The broom shall use proven replaceable wafer bristles. <u>Specify if different.</u>	
8.20.5 The broom shall use a quick change rotor for fast bristle replacement. <u>Specify if different.</u>	
8.20.6 The weight of the broom shall be 860 pounds. <u>Specify if different.</u>	
8.20.7 The broom shall angle +/- 25 degrees. <u>Specify if different.</u>	
8.20.8 The broom shall have fixed oscillation. <u>Specify if different.</u>	
8.20.9 The broom bristle diameter shall be thirty-two inches (32"). <u>Specify if different.</u>	
8.20.10 The bristle sections shall be made from a replaceable polypropylene material. <u>Specify if different.</u>	
8.20.11 The broom shall have 33 zig-zag and two (2) straight broom sections. <u>Specify if different.</u>	
8.20.12 The broom shall be designed to operate with a hydraulic flow range between eight (8) G.P.M. and eighteen (18) G.P.M. <u>Specify if different.</u>	
8.20.13 The broom shall be designed to operate at a broom speed of 170 R.P.M. at eighteen (18) G.P.M. <u>Specify if different.</u>	
8.20.14 The overall width of the broom assembly shall be seventy-eight inches (78"). <u>Specify if different.</u>	
8.20.15 The overall height of the broom assembly shall be thirty-three inches (33"). <u>Specify if different.</u>	
8.20.16 The sweeping width when straight shall be sixty-eight inches (68"). <u>Specify if different.</u>	
8.20.17 The sweeping width when fully angled (25 degrees left or right) shall be sixty-three inches (63"). <u>Specify if different.</u>	
8.20.18 The angle broom shall be equipped with storage stands to eliminate bristle distortion when not connected to the utility tractor. <u>Specify if different.</u>	

8.20.19 The angle broom shall not hinder the standard lift arm actions of the utility tractor. <u>Specify if different.</u>	
8.20.20 All functions of the angle broom shall be fingertip controlled from the operator seat without requiring the operator to remove their hand from the utility tractor's joystick control. Angle adjustments shall be capable of being made while sweeping without interrupting the bristle operation. <u>Specify if different.</u>	
8.20.21 The angle broom shall be fully operational, electrically connect, and mount to the utility tractor's hydraulic quick coupler. <u>Specify if different.</u>	
8.21 OPTION #3, HYDRAULICALLY OPERATED STUMP GRINDER: If Option #3 is selected, the unit shall be supplied with a hydraulically operated stump grinder manufactured by the same manufacturer of the utility tractor. <u>Specify cost of Option #3.</u>	
8.21.1 <u>Specify make and model of stump grinder.</u>	
8.21.2 The weight of the stump grinder shall be 980 pounds. <u>Specify if different.</u>	
8.21.3 The overall length of the stump grinder shall be forty-five inches (45"). <u>Specify if different.</u>	
8.21.4 The overall width of the stump grinder shall be 65.8". <u>Specify if different.</u>	
8.21.5 The overall height of the stump grinder shall be 59.4". <u>Specify if different.</u>	
8.21.6 The stump grinder shall have a twenty-seven inch (27") diameter cutting wheel with a minimum of thirty-two (32) teeth. <u>Specify cutting wheel diameter and number of cutting teeth.</u>	
8.21.7 The stump grinder shall have an arc swing of 80 degrees, minimum. <u>Specify arc swing in degrees.</u>	
8.21.8 The stump grinder shall have a cutting depth of fifteen inches (15") minimum below grade. <u>Specify cutting depth below grade.</u>	
8.21.9 The stump grinder shall have a cutting range of thirty-two inches (32") minimum. <u>Specify cutting range.</u>	
8.21.10 The stump grinder shall be designed to operate with a tip speed range of 4,480 to 6,330 feet per minute minimum. <u>Specify tip speed range in feet per minute.</u>	
8.21.11 The stump grinder shall be designed to operate with a hydraulic flow range between seventeen (17) G.P.M. to thirty-two (32) G.P.M. minimum. <u>Specify if different.</u>	
8.21.12 The stump grinder shall not hinder the standard lift arm actions of the utility tractor. <u>Specify if different.</u>	
8.21.13 All functions of the stump grinder shall be fingertip controlled from the operator seat without requiring the operator to remove their hand from the utility tractor's joystick control. Cutting wheel adjustments shall be capable of being made while grinding without interrupting the grinding operation. <u>Specify if different.</u>	
8.21.14 The stump grinder shall be fully operational, electrically connect,	

and mount to the municipal tractor's hydraulic quick coupler. <u>Specify if different.</u>	
8.22 OPTION #4, 72" PUSH BROOM, FLOOR SWEEPER: If Option #4 is selected, the unit shall be supplied with a seventy-two inch (72") push broom floor sweeper manufactured by the same manufacturer of the utility tractor. <u>Specify cost of Option #4.</u>	
8.22.1 <u>Specify make and model of push broom floor sweeper.</u>	
8.22.2 The push broom floor sweeper shall be able to sweep flush to curbs, walls and other tight areas. <u>Specify if different.</u>	
8.22.3 The bristle sections shall be made from a replaceable polypropylene material. <u>Specify if different.</u>	
8.22.4 The push broom floor sweeper shall sweep materials in either forward or reverse directions. <u>Specify if different.</u>	
8.22.5 The push broom floor sweeper shall attach to the bucket with two (2) spring loaded pins. <u>Specify if different.</u>	
8.22.6 The push broom, floor sweeper shall not hinder the standard lift arm actions of the utility tractor. <u>Specify if different.</u>	
8.22.7 All functions of the push broom floor sweeper shall be fingertip controlled from the operator seat without requiring the operator to remove their hand from the utility tractor's joystick control. <u>Specify if different.</u>	
8.22.8 The push broom floor sweeper shall be fully operational, electrically connect, and mount to the utility tractor's hydraulic quick coupler. <u>Specify if different.</u>	
8.23 MISCELLANEOUS:	
8.23.1 The unit shall be supplied with four (4) complete sets of keys. <u>Specify if different.</u>	
8.23.2 The unit shall have a twenty (20) gallon minimum capacity diesel fuel tank with drain plug. <u>Specify if different.</u>	
8.23.3 The unit shall have a 2-½ pound ABC fire extinguisher mounted at a City-approved location. <u>Specify if different.</u>	
8.23.4 The unit shall have a slow moving vehicle sign mounted at the rear of the unit. <u>Specify if different.</u>	
8.23.5 The unit shall be supplied with two (2) complete sets of Operator, Parts, and Service/Technical Repair manuals. A CD-ROM may be substituted for the Service/Technical Repair manuals. <u>A list of all manuals shall be included with the proposal. Specify if different.</u>	
8.23.6 Each attachment purchased shall be supplied with two (2), operators manuals and one (1) Parts and Service /Technical Repair manual. A CD-ROM may be substituted for the Service/Technical Repair manual. <u>Specify if different.</u>	
8.23.7 A complete set of engine oil, fuel (primary and secondary), hydraulic (pressure, return, and suction), transmission (internal and external), power steering, coolant, air (primary and secondary) and cabin filters, if equipped, shall be provided with the unit, at the time of delivery. <u>Specify if different.</u>	
9. DELIVERY: Delivery shall be made to Kenosha Fleet Maintenance Division, 3725 65 th Street, Kenosha, Wisconsin, 53142, after all "pre-delivery" services have been performed.	

<p>10. TRAINING INSTRUCTION: Training shall be provided by factory trained personnel with regard to basic operation, maintenance, trouble shooting and tune-up procedures for the entire unit. This training shall be a minimum of two (2) hours in duration, be conducted at a location of the City's choosing, and include up to twenty (20) City personnel. All such training and instruction shall be included in the proposal price. <u>Specify if different.</u></p>	
<p>11. BRAND NAMES: For the purpose of this clause, references to brand names shall mean brand name and/or make or model number.</p>	
<p>11.1 REFERENCE: If articles other than those specified, for "the purpose of standardization", have been identified in the proposal by a "brand name" and model number, such reference is intended to be descriptive and not restrictive. It is for the sole purpose of indicating to the prospective Vendors, a description of articles that will be satisfactory. Other items of equal quality may be considered. Samples and/or demonstrations may be required.</p>	
<p>12. SUBSTITUTION: Unless the Vendor clearly indicates in the proposal that the offering is a different article, the proposal shall be considered as an offering of the "brand name" article.</p>	
<p>13. DEMONSTRATION: Attendance at a pre-award conference may be necessary to verify compliance with this specification. Upon request, Vendors shall submit proposed equipment for demonstration before this contract is awarded.</p>	
<p>14. SUBCONTRACTING: The Vendor shall be responsible for the workmanship of all of their subcontractors. All subcontracted work shall conform with this specification and be in compliance with the manufacturer's recommendations and procedures.</p>	
<p>14.1 The Vendor shall also assume full warranty responsibility which shall include all work performed or parts furnished by their subcontractors.</p>	
<p>15. TRADE IN OPTION #5: If Option #5 is selected, the equipment being traded in is one (1) 2010 Bobcat model 5600, utility tractor. The trade-in vehicle is located at the City of Kenosha Street Division Garage, 6415 35th Avenue, and is available for inspection, by appointment, weekdays between 7am and 3pm. Requests for inspection of the trade equipment may be directed to Jay Getka, Fleet Superintendent, (262) 653-4079. The Vendor understands and accepts that the trade-in equipment will continue to obtain "wear and tear" up until the time it is released. The trade-in equipment shall be picked up by the successful Vendor, at the City of Kenosha, Fleet Maintenance Garage, 3725 65th Street. The trade-in equipment shall be accepted "AS IS" at that time. <u>Specify trade-in value.</u></p>	
<p>15.1 The City also reserves the right to change batteries, tires and remove any City equipment such as: lights, radios, plows, wings, salter controls, etc., before releasing the trade-in equipment. The City also reserves the right to award the new equipment with or without the trade in equipment.</p>	
<p><u>ACCESSORY WIRE SPECIFICATIONS</u></p>	
<p>1 GENERAL: It is the intent of this specification to describe the minimum requirements for wiring any accessories that are installed in or on the equipment being purchased by the City of Kenosha.</p>	
<p>2 SAFETY/HEALTH: All wiring shall comply with all applicable Federal Motor Vehicle Safety Standards, S.A.E. Codes, the Federal Occupational Safety</p>	

and Health Act and be in accordance with the Wisconsin Administrative Code.	
3 <u>TECHNICAL REQUIREMENTS:</u>	
3.1 <u>TYPE:</u> Wiring for all add-on electrical accessories.	
3.2 <u>COMPONENTS:</u>	
3.2.1 <u>Wire:</u> The wire shall be of adequate gauge to carry the anticipated current loads.	
3.2.2 <u>Circuit Breakers:</u> All add-on accessories shall be tapped into the equipment's main circuit breaker panel.	
3.2.3 <u>Terminals:</u> Screw type.	
3.2.4 <u>Connections-Splices:</u> All connections and splices shall be made using the correct size nylon or PVC insulated butt connector, properly assembled and crimped. Scotchlock, or similar self stripping quick splice type connectors are not acceptable.	
3.2.5 <u>Insulation:</u> All connections and splices shall be protected with heat shrinkable tubing, such as irradiated polyolefin, or adhesive sealant lined tubing. The tubing shall be properly installed, using the correct tooling; i.e. - a heat gun. The use of open flame type heat is not acceptable.	
3.2.5.1 <u>Note:</u> The use of heat seal type butt connectors such as Velvac Splice 'N Seal, (or City-approved alternate), can be used to satisfy requirements 4 and 5 above. In addition, all exterior connections shall be protected with 3M Scotchkote Electrical Coating, (or City-approved alternate).	
3.2.6 <u>Exposed Wiring:</u> All exposed wiring shall be installed into the correct size wiring loom, which shall extend the full length of the wiring to within six inches (6") of its destination. The loom shall be of the type that will fully enclose the wiring. Spiral wrap-around and full length slit convoluted type looms are not acceptable. In addition, the loom shall be sealed at each end and be anchored firmly at least every twenty-four inches (24") using nylon cable ties or cable clamps.	
3.2.7 <u>Grommets:</u> All holes drilled or cut for wiring, cables, looms, controls, etc., shall be fitted with the correct size grommet, or type of boot to fully protect the accessory wiring. All unused holes or openings shall be sealed in an approved manner.	
3.2.8 <u>Circuit Identification:</u> All add-on circuits shall be labeled, and a simple wiring diagram provided.	
4 <u>BRAND NAMES:</u> For the purpose of this clause, references to brand names shall mean brand name and/or make or model number.	
5 <u>REFERENCES:</u> If articles have been identified in the specification by a brand name (or City-approved alternate) description, such reference is intended to be descriptive but not restrictive and is for the sole purpose of indicating to prospective vendors a description of articles that will be satisfactory.	
6 <u>DESCRIPTIVE LITERATURE:</u> Vendors offering a different article shall submit descriptive literature to enable a determination as to the quality and characteristics of the item being offered.	

OPTION NUMBER	OPTION DESCRIPTION
Option #1	Five (5) Year Extended Power Train Warranty
Option #2	68" Angle Broom
Option #3	Hydraulically Operated Stump Grinder
Option #4	72" Push Broom, Floor Sweeper
Option #5	2010 Bobcat Model 5600 Trade-In

**CITY OF KENOSHA
PUBLIC WORKS DEPARTMENT- STORM WATER DIVISION
ONE (1) NEW MUNICIPAL UTILITY TRACTOR WITH RELATED ATTACHMENTS
PROPOSAL NOTICE 13-17**

PROPOSAL

**CITY OF KENOSHA
PUBLIC WORKS DEPARTMENT- STORM WATER DIVISION
ONE (1) NEW MUNICIPAL UTILITY TRACTOR WITH RELATED ATTACHMENTS
PROPOSAL NOTICE 13-17**

PROPOSAL

City of Kenosha
Municipal Office Building
625-52nd Street, Room 208
Kenosha, Wisconsin 53140

Purchasing:

We, hereby propose to provide and deliver F.O.B. City of Kenosha Fleet Maintenance Garage, 3725 65th Street, Kenosha, Wisconsin, the equipment specified in accordance with the City of Kenosha specifications at the following firm price:

Item	Item Description	Unit QTY.	Citation	Unit Price
1	MUNICIPAL UTILITY TRACTOR	1		\$
2	Option #1 - Extended Power Train Warranty:	1	Paragraph 4.1	\$
3	Option #2 - 68" Angle Brppm	1	Paragraph 8.20	\$
4	Option #3 - Stump Grinder	1	Paragraph 8.21	\$
5	Option #4 - 72" Push Broom Floor Sweeper	1	Paragraph 8.22	\$
6	Option #5 – Trade-In Value for 2010 Bobcat Model 5600	1	Section 15.0	\$

Option quantities listed on the proposal form are for comparative purposes only. The City of Kenosha may elect not to purchase any of the options, or an array of options. Purchases of an option or options is not a guaranteed component of this procurement.

Manufacturers Literature Included: Yes No

Specification sheets have been completed? Yes No

Delivery Time: _____ days after award of contract

Specific Warranty Information:

Service Facility:

Firm/Company

Name: _____

Address: _____

Phone Number: _____ FAX: _____

E-Mail: _____

Respectfully Submitted,

Name of Authorized Representative _____

Signature: _____

Date: _____

Firm Name: _____

Firm Address: _____

Phone Number: _____ FAX: _____

E-Mail: _____