

GROTON UTILITIES

**INVITATION TO BID
ONE (1) 2017 41,000 GVWR SINGLE AXLE DUMP TRUCK
with SNOW PLOW
April 17, 2017 at 2:00 PM
BID PROPOSAL GU-17-Q3**

Groton Utilities will receive sealed bids at the Operations Complex Conference Room, 1240 Poquonnock Road, Groton, Connecticut 06340, until 2:00 P.M. prevailing time on April 17, 2017 at which time they will be publicly opened and read aloud.

The Required Bid Form and Specifications may be obtained at the address above between 8:00 A.M. and 3:00 P.M. Monday through Friday.

Dated this 31st day of March at Groton, Connecticut.

Ronald A. Gaudet
Director of Utilities

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This specification is to set forth the specific requirements for one (1) 2017 41,000 GVWR single axle dump truck with snow plow – white.

All equipment and material supplied shall be new and of the same current manufacture; it shall meet or exceed any and all specifications described herein.

The bidder shall provide descriptive literature on all items provided along with detailed and complete listings by model and option numbers.

Any installation of additional equipment to be provided by the successful bidder shall be in accordance with any applicable manufacturer's recommendations, applicable certifications and duly authorized personnel.

All equipment and material being supplied shall be warranted against all defects for a period not less than any manufacturer's specified period from date of delivery. Bidders must include a statement of warranty with the bid.

If it is necessary to bid alternate equipment or to take exception as set forth, this must be so stated in your bid proposal. For each item, please indicate your compliance or non-compliance on this document. For those items that you cannot comply with, please explain in the "COMMENTS" column of this document. **Failure to follow this format may cause your proposal to be disqualified.** Final decision of acceptance or rejection shall be that of Groton Utilities' Director of Utilities.

The specification shall include, but not be limited to the following:

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	Description	Complies	
		YES	NO
1	FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.250" x 3.610" x 0.375" (260.4mm x 91.7mm x 9.5mm); 456.0" (11582mm) Maximum OAL		
2	BUMPER, FRONT Steel, Swept Back		
3	FRAME EXTENSION, FRONT Bolt On Type; 20" In Front of Grille, Without Crossmember - 146"		
4	WHEELBASE RANGE 134" (340cm) Through and Including 197" (500cm)		
5	AXLE, FRONT NON-DRIVING {Meritor MFS-14-143A} Wide Track, I-Beam Type, 14,000-lb Capacity - Minimum		
6	SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 14,000-lb Capacity; With Shock Absorbers - Minimum		
7	BRAKE SYSTEM, AIR Dual System for Straight Truck Applications		
8	BRAKES, FRONT, AIR CAM 16.5" x 5", Includes 24 SqIn Long Stroke Brake Chambers		
9	BRAKE SHOES, REAR Cast		
10	AIR BRAKE ABS {Bendix AntiLock Brake System} Full Vehicle Wheel Control System (4-Channel) With Automatic Traction Control		
11	AIR DRYER {Bendix AD-9} With Heater		
12	BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 Spring Brake		
13	BRAKE CHAMBERS, FRONT AXLE {Bendix} 24 SqIn		
14	BRAKES, REAR, AIR CAM S-Cam; 16.5" x 7.0"; Includes 30/30 Sq.In. Long Stroke Brake Chamber and Spring Actuated Parking Brake		
15	AIR COMPRESSOR {Bendix Tu-Flo 750} 16.5 CFM Capacity		
16	AIR TANK LOCATION (2) : One Mounted Under Each Frame Rail, Front of Rear Suspension, Parallel to Rail		
17	STEERING COLUMN Stationary		
18	STEERING WHEEL 2-Spoke, 18" Dia., Black		
19	STEERING GEAR {Sheppard HD94} Power		
20	EXHAUST SYSTEM Switchback Horizontal Aftertreatment Device, Frame Mounted Right Side Under Cab; Includes Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab		
21	ELECTRICAL SYSTEM 12-Volt, Standard Equipment		
22	ALTERNATOR {Leece-Neville AVI160P2013} Brush Type; 12 Volt 160 Amp. Capacity, Pad Mount, With Remote Sense or Equal		

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23	BODY BUILDER WIRING Rear of Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/ Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn		
24	BATTERY SYSTEM {JCI} Maintenance-Free (3) 12-Volt 2100CCA Total		
25	HORN, ELECTRIC Disc Style		
26	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time		
27	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights		
28	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on		
29	STARTING MOTOR (Delco Remy 38MT Type 300) 12 Volt; less Thermal Over-Crank Protection		
30	INDICATOR, LOW COOLANT LEVEL With Audible Alarm		
31	ALARM, PARKING BRAKE Electric Horn Sounds in Repetitive Manner When Vehicle Park Brake is "NOT" Set, With Ignition "OFF" and any Door Opened		
32	HEADLIGHTS Halogen; Composite Aero Design for Two Light System		
33	BATTERY BOX Steel, With Aluminum Cover, 14" Wide, 3 Battery Capacity, Mounted Left Side Under Cab		
34	GRILLE Stationary, Chrome		
35	FRONT END Tilting, Fiberglass, With Three Piece Construction		
36	PAINT SCHEMATIC, PT-1 Single Color, Design 100 - White		
37	PAINT TYPE Base Coat/Clear Coat, 1-2 Tone		
38	OVER THE AIR PROGRAMMING ENGINE		
39	VEHICLE REGISTRATION IDENTITY ID for 49 States, Excluding California		
40	PROMOTIONAL PACKAGE Government and Municipal Silver Package; Two Year Limited Subscription of On-Command Service Information (Formerly Fleet ISIS), and On-Command Parts Information (Formerly Fleet Parts Catalog), Requires Specific Feature Combinations		
41	CLUTCH Omit Item (Clutch & Control)		
42	ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection		
43	ENGINE, DIESEL, EPA 2010, SCR, 300 HP @ 2000 RPM, 860 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, 300 Peak HP (MAX)		
44	FAN DRIVE {Horton Drivemaster} Direct Drive Type, Two Speed With Residual Torque Device for Disengaged Fan Speed		
45	RADIATOR Aluminum; 2-Row, Cross Flow, Over Under System, 1045 SqIn Louvered, With 373 SqIn CAC, With In Tank Oil Cooler		
46	AIR CLEANER With Service Protection Element		
47	FEDERAL EMISSIONS EPA, OBD and GHG Certified for Calendar Year 2017		
48	THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel		

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49	ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control for MaxxFlex and post 2007 Emissions Electronic Engines		
50	BLOCK HEATER, ENGINE {Phillips} 120V/1250W, With "Y" Cord From Socket in Standard Location, For a Dealer Installed Oil Pan Heater		
51	EMISSION COMPLIANCE Low NOx Idle Engine, Complies with California Clean Air Regulations; Includes "Certified Clean Idle" Decal on Hood		
52	TRANSMISSION, AUTOMATIC {Allison 3500_RDS_P} 5th Generation Controls; Wide Ratio, 6-Speed, With Double Overdrive; On/Off Hwy; Includes Oil Level Sensor, With PTO Provision, Less Retarder, With 80,000-lb GVW & GCW Max.		
53	TRANSMISSION OIL Synthetic; 29 thru 42 Pints		
54	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction		
55	TRANSMISSION SHIFT CONTROL {Allison} Bump Shifter Type; for Allison 3000 & 4000 Transmission		
56	SHIFT CONTROL PARAMETERS Allison 3000 or 4000 Series Transmissions, 5th Generation Controls, Performance Programming		
57	PTO LOCATION Dual, Left and Right Side of Transmission		
58	AXLE, REAR, SINGLE Single Reduction, Standard Track, 26,000-lb Capacity, R Wheel Ends		
59	SUSPENSION, RR, SPRING, SINGLE Vari-Rate; 31,000-lb Capacity, With 4500 lb Auxiliary Rubber Spring		
60	FUEL TANK Top Draw; Non-Polished Aluminum, 24" Diam., 50 U.S. Gal., 189 L Capacity, Mounted Left Side Under Cab		
61	DEF TANK 5 U.S. Gal. 18.9L Capacity, Frame Mounted Outside Left Rail, Under Cab		
62	CAB Conventional		
63	GAUGE CLUSTER English With English Electronic Speedometer		
64	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster		
65	GAUGE, DEF FLUID LEVEL		
66	SEAT, DRIVER Air Suspension, High Back With Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar, With 2 Position Front Cushion Adjust, -3 to +14 Degree Angle Back Adjust		
67	SEAT, PASSENGER B90 Non Suspension, High Back With Integral Headrest, Vinyl, With Fixed Back, With Under Seat Storage		
68	MIRRORS (2) {Lang Mekra} Rectangular, Thermostatically Controlled Heated Heads, B89 Black Heads, Brackets and Arms, Breakaway Type, 7.55" x 14.1" Integral Convex Both Sides, 102" Inside Spacing		
69	AIR CONDITIONER {Blend-Air} With Integral Heater & Defroster		
70	INSTRUMENT PANEL Center Section, Flat Panel		
71	STORAGE POCKET, DOOR Molded Plastic, Full Width; Mounted on Passenger Door		
72	CAB INTERIOR TRIM Deluxe		

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73	WHEELS, FRONT {Accuride 29039} DISC; 22.5x9.00 Rims, Powder Coat Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs, Non-Standard Offset, with .5" Thick Disc		
74	TIRE, FRONT 315/80R22.5 Load Range L G751 MSA DURASEAL (GOODYEAR), 484 rev/mile, 68 MPH, All-Position		
75	WHEELS, REAR {Accuride 29169} DUAL DISC; 22.5x8.25 Rims, Powder Coat Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with .472" Thick Increased Capacity Disc and Steel Hubs		
76	TIRE, REAR 12R22.5 Load Range H G282 MSD (GOODYEAR), 481 rev/mile, 68 MPH, Drive		
77	WARRANTY Standard for Durastar 1000/4000 Series, Effective with Vehicles Built January 2, 2015 or Later, CTS-2475P		
78	BDY INTG, REMOTE POWER MODULE Mounted Inside Cab behind Driver Seat; Up to 6 Outputs & 6 Inputs, Max. 20 amp. per Channel, Max. 80 amp Total (Includes 1 Switch Pack With Latched Switches)		
79	BDY INTG, PTO ACCOMMODATION for Electric over Hydraulic PTO, Does Not Include Solenoids, With Latched Switch Mounted on Dash Includes Audible Alarm and Indicator Light in Gauge Cluster (Requires 1 Remote Power Module input & 1 output)		
80	BDY INTG, INDICATOR LIGHTS (2) 1 for Body Up, 1 for Gate Open, Includes Audible Alarm, Programmable Mode for Various Switch Actions. (Requires 2 Remote Power Module Inputs)		
81	BACKUP WARNING ALERT SYSTEM		
82	ONE (1) NEW BEAU-ROC DUMP BODY MODEL DHS DIAMOND SERIES		
83	10' LONG 36" SIDES 48" TAILGATE		
84	1/4" HARDOX - 450 ONE PIECE FLOOR		
85	HARDOX - 450 HAS A TENSILE RATING OF 205,000 PSI		
86	1/4" HARDOX - 450 AIR TAILGATE - BARN DOOR STYLE		
87	1/4" HARDOX - 450 ONE PIECE SMOOTH SIDES		
88	1/4" HARDOX - 450 ONE PIECE FRONT HEADBOARD		
89	24" CAB PROTECTOR REINFORCED		
90	DRIVER SIDE FRONT STEPS		
91	CS9--4-3 FRONT MOUNT TELESCOPIC HOIST (CS HOIST FOR SNMOW APPLICATION		
92	INTERNAL DOGHOUSE (12")		
93	ALL LIGHTS & REFLECTORS TO MEET FMVSS-108		
94	Whelen DAT System, Super LED Micro 400 series Front EMERGENCY LIGHTING SYSTEM. CONSISTING OF TWO (2) FRONT CABSHIELD and Rear Housings 400 Series Triple (Orange, Red and White) and Controls		
95	LED LOAD LIGHT		
97	FOUR (4) MUD FLAPS INSTALLED ON STAINLESS STEEL BRACKETS		
98	NEW HYDRAULIC RESERVOIR		
99	Wheel Chocks and Mounting Brackets		

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100	Bracket to Hold Shovel		
101	STAINLESS STEEL HYDRAULIC LINES TO THE FRONT FOR PLOW WITH QUICK DISCONNECTS		
102	PTO / GEAR PUMP VIA ALLISON AUTOMATIC TRANSMISSION		
103	CUSTOM TILT-OVER HITCH WITH MULTIPLE PUSH POINTS 12" TO 21" HEIGHTS AND 12" TO 30.5" EAR SPACING, 10" DA LIFT RAM, PLOW RELIEF QD		
104	PLOW LIGHTS MOUNTED ON ALUMINUM BRACKETS UTILIZING CHASSIS PLOW LIGHT CIRCUITRY		
105	HEAVY DUTY 41R11 POWER ANGLE PLOW WITH FLAP		
106	THREE (3) BANK VALVE ASSEMBLY TO OPERATE PLOW AND BODY		
107	IN-CAB CONTROLS FOR PLOW AND BODY		
108	BODY PRIMED AND PAINTED TO MATCH CAB (WHITE)		
109	BODY AND PLOW FRAME RUST PROHIBITOR BLACK APPLIED		
110	INSTALLED AND OPERATIONAL ON 84" CA, FRONT AXLE WITH MINIMUM 12,000 FRONT AXLE, FRONT FRAME EXTENSION, AND ALLISON 3000 SERIES		

Comments: _____

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Trade In: 1999 Freightliner Dump FL-80 with Plow (VIN 1FV6JJBB5YHB17542)

Any variations from the specifications and/or recommended options must be clearly indicated and/or explained, and the final decision of acceptance or rejection is that of the Groton Utilities' Director of Utilities.

If delivery time exceeds the delivery time stated in your quotation, Groton Utilities reserves the right to require written and/or verbal confirmation from the supplier and/or manufacturer.

Quotations must be received by April 17, 2017 at 2:00 P.M., on this form at the Operations Complex Administration Office, 1240 Poquonnock Road, Groton, Connecticut 06340, in a sealed envelope bearing your name, address and the following:

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Groton Utilities reserves the right to accept any quotation or to reject any quotation or any part of any quotation should it deem it to be in its own best interest to do so.

If you will be mailing your quotation to Groton Utilities by regular mail, please address it to: Groton Utilities, 295 Meridian Street, Groton, CT 06340. If you will be sending your quotation by overnight shipment, please address it to: Groton Utilities, 1240 Poquonnock Road, Groton, Connecticut 06340.

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QUOTATION FORM

YEAR _____ MAKE _____ MODEL _____

AMOUNT \$ _____

1999 Freightliner Dump FL-80 with Plow TRADE-IN \$ _____
(VIN: 1FV6JJBB5YHB17542)

NET DELIVERED PRICE \$ _____

DELIVERY TIME _____

Company

Signature

Print or Type Name

Telephone and Fax

Address

Date

**PAGES 3-7 & 9 MUST BE RETURNED WITH BID PROPOSAL WITH
MANUFACTURERS PRINTED SPECIFICATIONS.**