

Form B-1
Capital Planning Committee
Town of Lunenburg, Massachusetts
Capital Equipment Request

Department: Contact Person: Date:

1. Equipment to be acquired (quantity and description). Include detailed list of accessories or options.
If the equipment is a vehicle, please attach Form C.

2. Intended Use of Equipment:

3. Fiscal Year Purchase Requested:

FY 16 FY 17 FY 18 FY 19 FY 20

FY 21 anticipated large purchases

4. Rank the Priority Within Year Requested: # SA of 3 requests

5. Purpose of Expenditure (Check All That Apply)

Scheduled Replacement	<input type="checkbox"/>	Present Equipment Obsolete	<input type="checkbox"/>	Expanded Service	<input type="checkbox"/>
Replace Worn Equipment	<input checked="" type="checkbox"/>	Increased Safety	<input type="checkbox"/>	New Operation	<input type="checkbox"/>
Legal Requirement	<input type="checkbox"/>	Improved Procedures/Records	<input type="checkbox"/>	Others	_____

If replacement, what is being replaced? 1994 Sweeper

How many hours currently used? _____

Financial Impact on Operating Budget (maintenance, cost of operation, required training)?

Significant repair costs due to age.

Will above expenditure 1) increase number of personnel, 2) reduce number of personnel, or 3) eliminate need for additional personnel?

N/A

Will above expenditure 1) increase operating cost, or 2) reduce operating costs with improved efficiency? Give details.

Decrease cost due to fewer repairs, work completed in a timely manner, minimize debris into

drainage.

Will Above Expenditure Require Additional Space? No

6. Alternatives to New Equipment Purchase Reviewed:

Transfer/Borrow Equipment From Another Department	<input type="checkbox"/>	Equipment Rental	<input type="checkbox"/>
Contract Services Out to Private Company	<input checked="" type="checkbox"/>	Lease Purchase	<input checked="" type="checkbox"/>
Purchase Equipment Jointly With Another Town	<input type="checkbox"/>	Other:	_____
Used Equipment	<input type="checkbox"/>		

7. Cost Information - Attach three written estimates.

	Per Unit	Total	Cost In Fiscal Year Ending		
			Year		
Purchase Price		\$180,000.00	0	June 30,	
Financing/Other Costs			1	June 30,	
Less Trade In			2	June 30,	
Net Purchase Cost		\$180,000.00	3	June 30,	
			4	June 30,	
			5	June 30,	
			6 Year Total:		

Estimated Annual Maintenance Cost: 350
 *Oil and lube only, does not include unforeseen repairs

8. Manufacturer/Vendor Warranties Provided: 1 year standard/ 5 yr. optional

9. Estimated Usage of Requested Equipment:
 * Is Equipment Use Seasonal? yes
 * Estimated Weeks Per Year Used: 20
 * For Weeks Used, Estimated Average Days Per Week: 5
 * For Days Used, Estimated Hours Per Day Used: 8
 Estimated Useful Life of Equipment: 20 years

10. Justification: Major task every Spring - Summer. Town wide sand in roadway, danger to traffic and detrimental to drainage with serious environmental impact.

11. If this is first request for equipment needed immediately, explain how need created.

No - current unit is 20 years old.

FORM C
Criteria & Reasoning
Vehicle Purchase

Date: 10/9/14

To: Capital Planning Committee

From: DPW

1. Department: DPW

2. Type of Vehicle: Sweeper

3. Hours of Use Required: Seasonal

4. Need: Required service - environmental

5. Type of Purchase: New _____ X _____ Used _____

6. Criteria:

	Current	Replacement
Age	1994	New
Mileage/Hours	11,427 miles 4,320 hours	
Overall Condition	Poor	
Inspection-State	MA	
Inspection-Independent		
Vehicle Source		
Repair History (accident?)		

7. Reasoning (used versus new): _____

8. Cost: New \$180,000 Used _____

9. Funding Source – Request: CPC X Other _____

If other – document: _____

10. Pertinent Specifications: See attached



June 22, 2014
Department of Public Works
520 Chase Road
Lunenburg, MA 01462

Mr. Rodriquenz:

C.N. Wood Company thru All American Investment Group, LLC (All American) is pleased to provide the town of Lunenburg and the Department of Public Works the following tax-exempt lease purchase financing proposal for a 2014 Elgin Pelican Street Sweeper.

EQUIPMENT/PROJECT:	One (1) New 2014 Elgin Pelican Sweeper	
ACQUISITION COST:	\$176,594.00	\$176,594.00
LEASE TERM:	5 Years	5 Years
FREQUENCY OF PAYMENTS:	Annual in Arrears	Annual in Advance
INTEREST RATE: *	2.69%	2.68%
PAYMENT AMOUNT:	\$38,219.45	\$37,211.22
FIRST PAYMENT DUE:	At delivery	At Delivery
LEASE FACTOR: **	.224564	.215549

** To determine payment amount, simply multiply the lease factor by amount to be financed/acquisition cost.

TERMS AND CONDITIONS:

- This proposal is subject to credit review, approval and execution of mutually acceptable lease documentation.
- Payments under the lease are subject to annual appropriations and to all authorizations required under law.
- Lessee shall have an option to purchase the equipment during the lease term, and at the end of the lease term, when all Payments due have been made by Lessee, Lessee shall own the equipment outright.
- This transaction will be designated as tax-exempt under Section 265(b)(3) of the IRS Code of 1986.
- Lessee will not issue more than \$10 million of new tax-exempt obligations during the current calendar year.
- For credit review, audited financial statements and a budget summary for the current fiscal year will be required.

I look forward to working with you and your department on your current and future equipment needs. Let me know if you need any further information

Thank you,

Timothy Ledogar

Sweeper Repairs and Outsourcing

Outsourcing

Vender	Location	Price Per Hour	Time Estimate
Immaculate	Nationwide – local venders	\$120	4-6 week minimum
American	Dorchester	\$120	4-6 week minimum
Millennium	Somerville	\$120	4-6 week minimum
Rogers	Littleton	\$100	6 week minimum

Estimates are based on the following conditions:

- 1 Lane mile per hour X 190 miles = \$22,800 for ONE PASS
- Parking lots not included in the above, estimated additional 40-80 more hours = \$4,800 - \$9,600
- Emergencies, paving needs, etc. charged at 8 hours = \$800-\$900/day
- Estimated total for ONE PASS considering minimum parking lot hours and without additional day rate needs = \$27,600

Variables:

- Many roads are curb to curb with sand which will require 2-4 passes to clean
- Ragged pavement takes longer than the 1 lane mile per hour estimate
- Amount of sand in the roadways is excessive due to the winter, this will be an open ended contract without a 'not to exceed figure'

Repairs

- Repairs in FY13 to get the sweeper operational = \$11,000
- Air filtration/conditioning unit need to get sweeper operational this year = \$6,000 (see attached)
- Possibility for additional necessary repairs throughout the season = unknown
- Estimated value of the current unit = \$7,000-\$8,000

Street Sweeping

- ☞ Basic service provided to residents
- ☞ One of the most requested services in the Department
- ☞ Material in roads from this winter season so far:
 - Sand & Salt ~6,000 yards
- ☞ Pre- Season Repairs to Sweep
 - Last year approx. \$11,000
 - Needs Air-conditioning unit
- ☞ Outsourcing

Street Sweeping

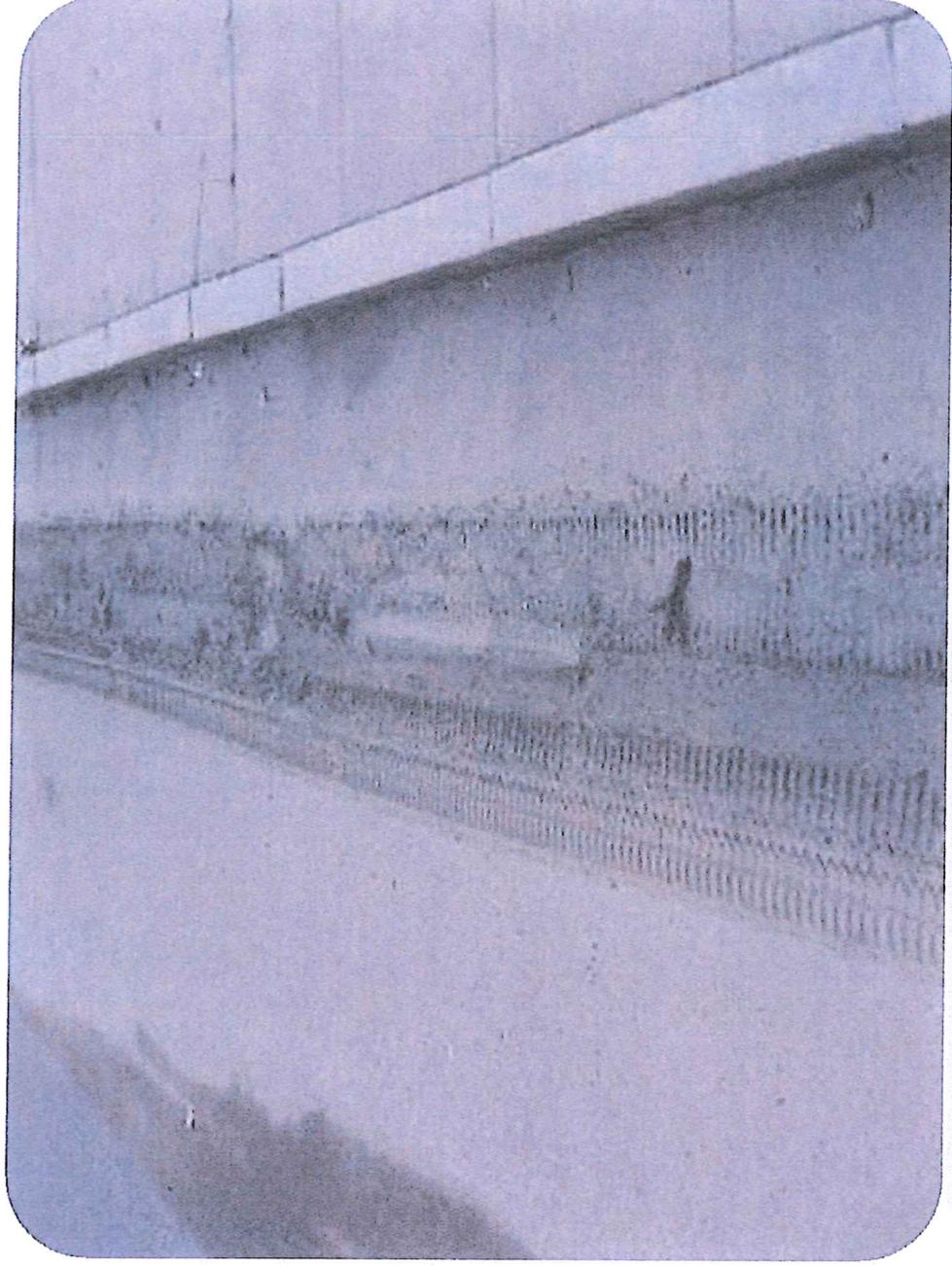
Environmental Impact

- ☞ Sand accumulates on roads, catch basins, & drainage pipes
- ☞ Flow restrictions/blockages in the storm water drainage system
- ☞ Sedimentation in streams/lakes
- ☞ Negative impacts on fish species & aquatic ecosystems
- ☞ Siltation/sediment have been cited as one of the leading causes of water quality impairments
- ☞ Remains Airborne

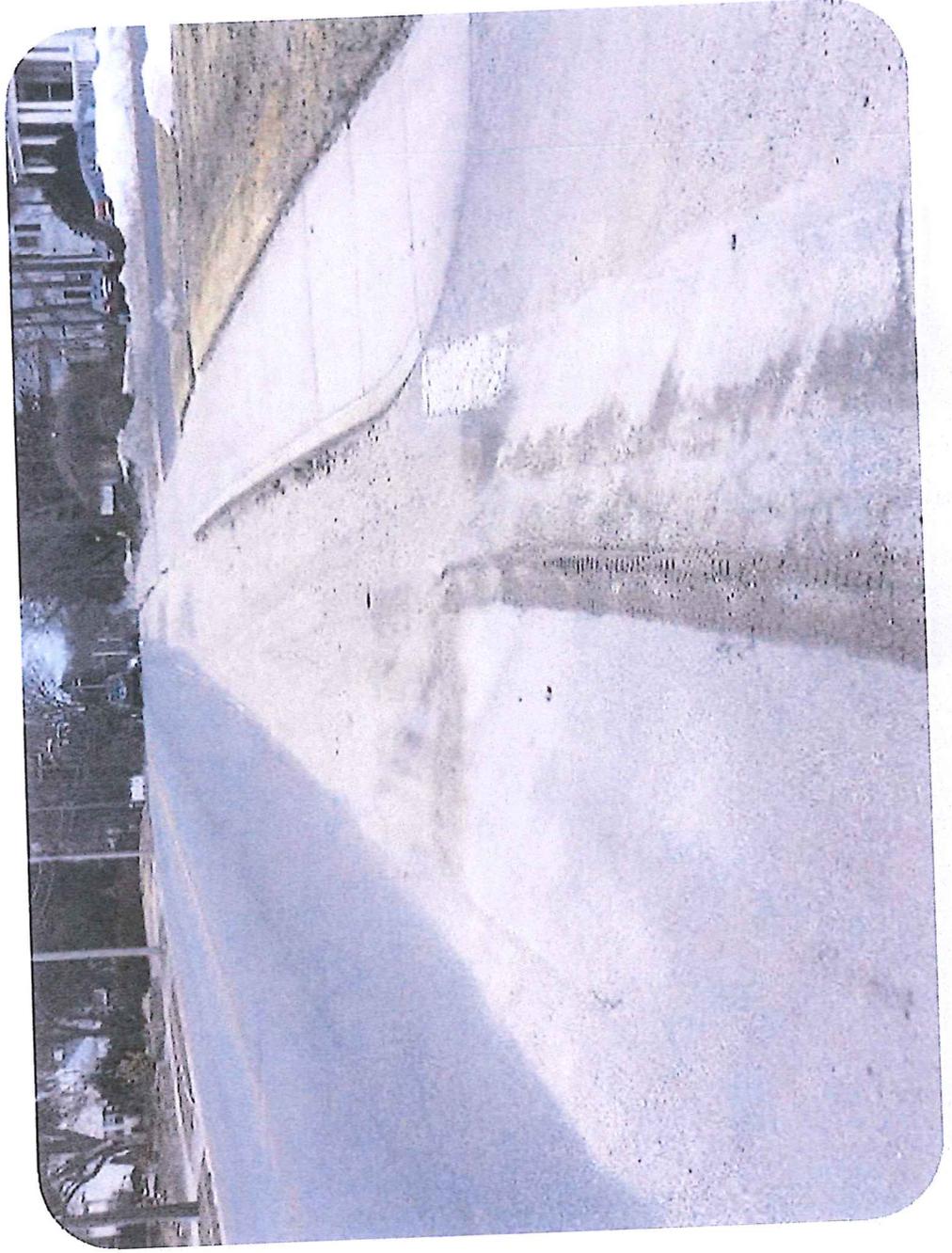
Sweeper Information

3/26/14

**Material Left in Roadway after First Pass
Leominster - Rt. 13**



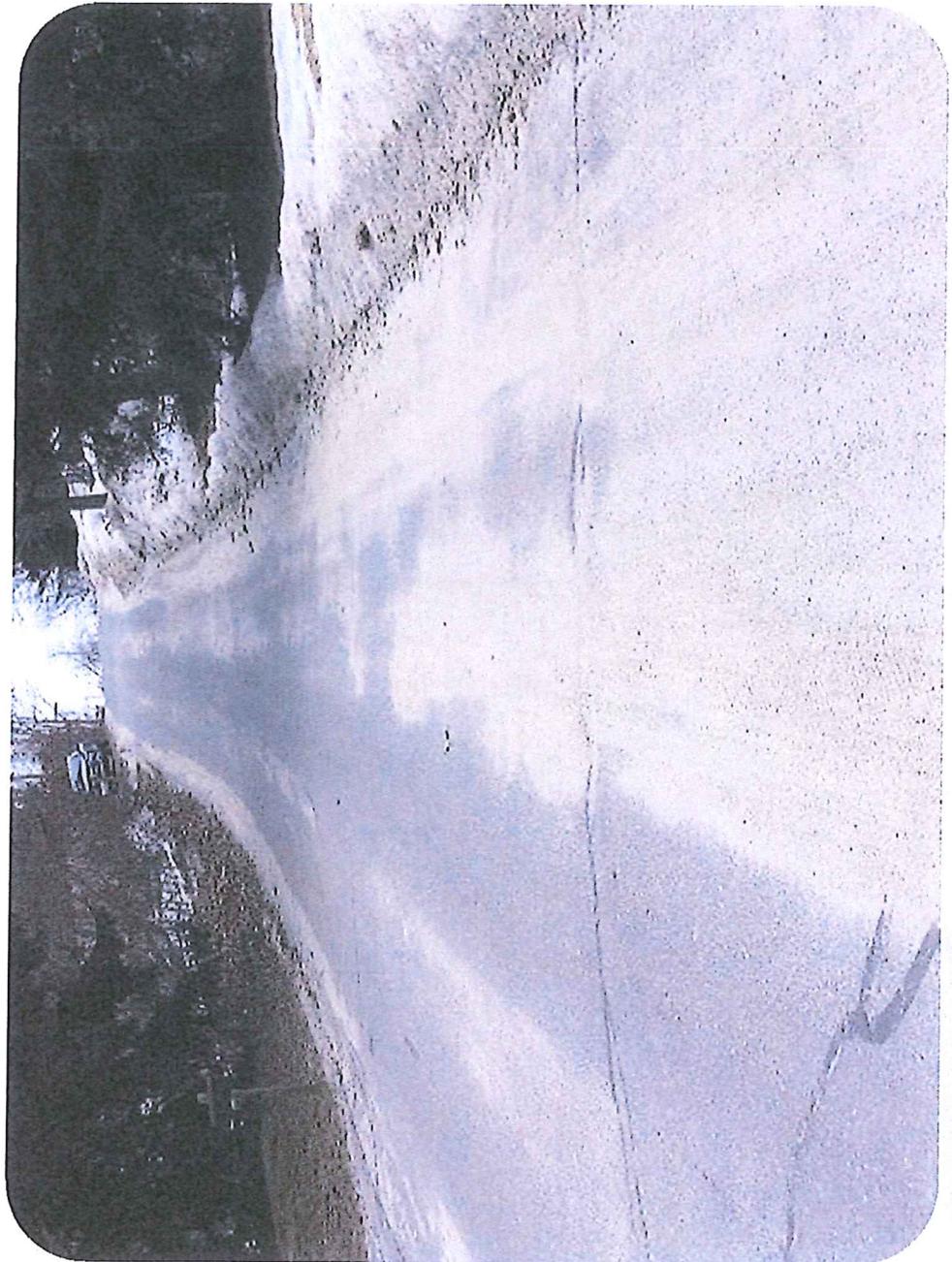
Material Left in Roadway after First Pass
Leominster - Rt. 13



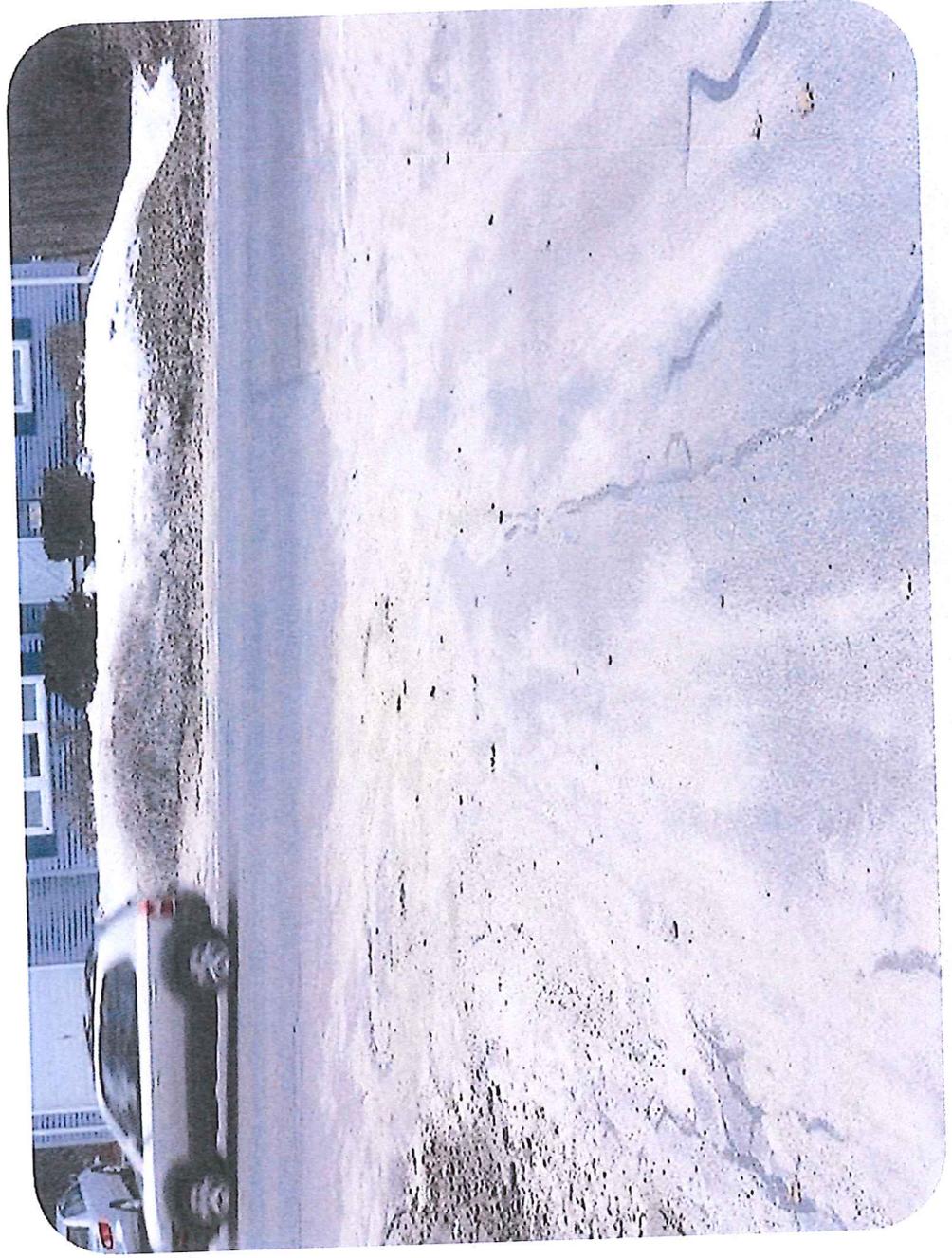
Material Left in Roadway after First Pass Leominster - Rt. 13



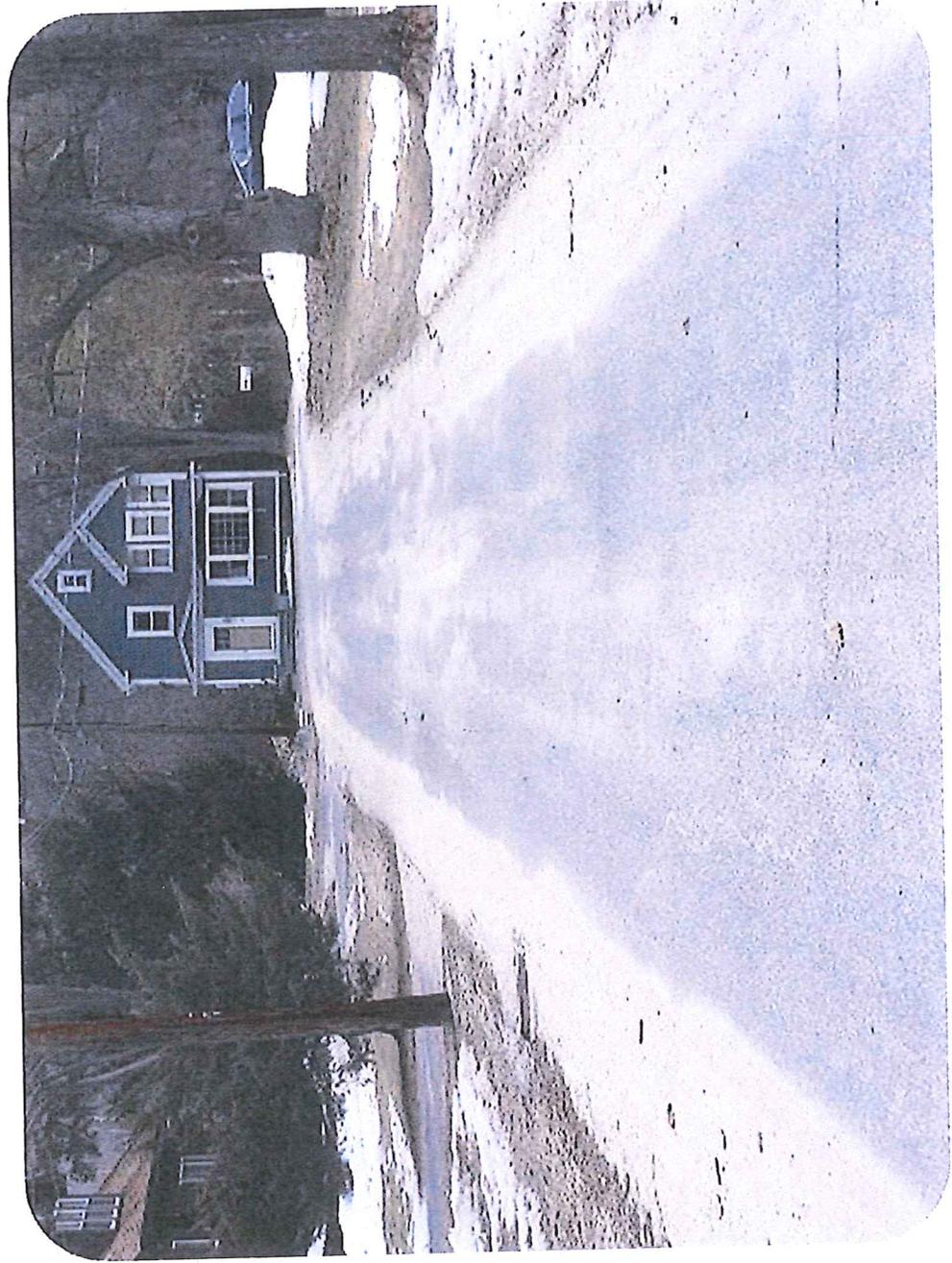
Examples of Roads That Will Require More Than One Pass - Upland Ave.



Examples of Roads That Will Require More Than One Pass - Eastern Ave.



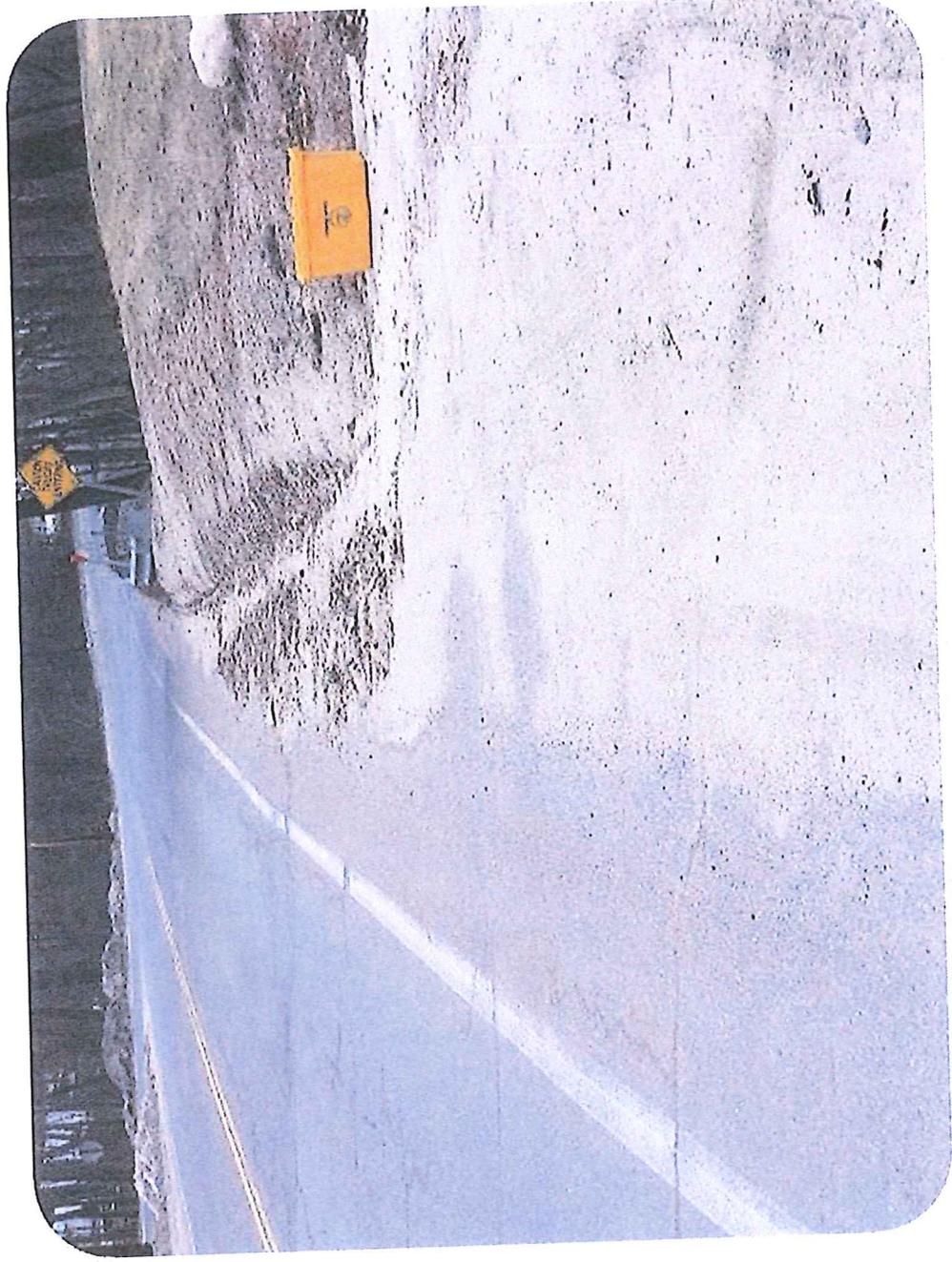
Examples of Roads That Will Require More
Than One Pass - Francis Ave.



Examples of Roads That Will Require More Than One Pass - Hillside Dr.



Example of Residents Pushing Debris into Roadway to be Swept



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3. Fiscal Year Purchase Requested:

FY 16 FY 17 FY 18 FY 19 FY 20

FY 21 anticipated large purchases

4. Rank the Priority Within Year Requested: # SA of 3 requests

5. Purpose of Expenditure (Check All That Apply)

Scheduled Replacement Present Equipment Obsolete Expanded Service
Replace Worn Equipment Increased Safety New Operation
Legal Requirement Improved Procedures/Records Others _____

If replacement, what is being replaced? Same - 18 years old

How many hours currently used? _____

Financial Impact on Operating Budget (maintenance, cost of operation, required training)?

Less maintenance and less downtime.

Will above expenditure 1) increase number of personnel, 2) reduce number of personnel, or 3) eliminate need for additional personnel?

N/A

Will above expenditure 1) increase operating cost, or 2) reduce operating costs with improved efficiency? Give details.

Reduce vehicle maintenance costs. Increased reliability.

Will Above Expenditure Require Additional Space? No

6. Alternatives to New Equipment Purchase Reviewed:

Transfer/Borrow Equipment From Another Department Equipment Rental
Contract Services Out to Private Company Lease Purchase
Purchase Equipment Jointly With Another Town Other: _____
Used Equipment

7. Cost Information - Attach three written estimates.

	Per Unit	Total	Cost In Fiscal Year Ending		
			Year		
Purchase Price		\$120,000.00	0	June 30,	
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			4	June 30,	
			5	June 30,	
			6 Year Total:		

Estimated Annual Maintenance Cost: 300.00*
 *Oil and lube only, does not include unforeseen repairs

8. Manufacturer/Vendor Warranties Provided: 1 year standard/ 5 yr. optional

9. Estimated Usage of Requested Equipment:
 * Is Equipment Use Seasonal? No
 * Estimated Weeks Per Year Used: This piece of equipment is used more than and other,
 * For Weeks Used, Estimated Average Days Per Week: it is shared by all departments.
 * For Days Used, Estimated Hours Per Day Used: _____
 Estimated Useful Life of Equipment: 15-20 years

10. Justification: There is no piece of equipment more important to the DPW than this back hoe. It is used
constantly by the highway division, excavates graves for burials and supplies support to the sewer,
facilities and park divisions.

11. If this is first request for equipment needed immediately, explain how need created.

FORM C Criteria & Reasoning Vehicle Purchase

Date: 10/9/14

To: Capital Planning Committee

From: DPW

1. Department: DPW
2. Type of Vehicle: Backhoe Loader
3. Hours of Use Required: Daily
4. Need: All divisions within the DPW
5. Type of Purchase: New _____ X _____ Used _____
6. Criteria:

	Current	Replacement
Age	1996	New
Mileage/Hours	7,943 hours	
Overall Condition	Poor	
Inspection-State	MA	
Inspection-Independent		
Vehicle Source		
Repair History (accident?)	Engine overhaul	

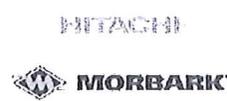
7. Reasoning (used versus new): _____

8. Cost: New \$120,000 Used _____

9. Funding Source – Request: CPC X Other _____

If other – document: _____

10. Pertinent Specifications: _____



Main Office
80 Southbridge Rd (Rt. 20)
PO Box 578
North Oxford, MA 01537
voice (800) 922-8295
fax (508) 987-3578

Thursday, September 25, 2014

Prepared for
TOWN OF LUNENBURG, DPW
JACK RODRIQUENZ
520 CHASE RD
LUNENBURG, MA 01462

REVISED 10/21/14

Quote # 7817 Prepared by

Rob Guerin
mobile # : 508-989-5694
Guerin@SchmidtEquipment.com

Machine Specifications

factory JD 410K Stock #: factory Serial #: factory Hours: factory

Purchase Price \$149,500

107HP 4.5L Final Tier 4 Turbo Engine. Loader Quick Coupler with 1.5 Yard Loader Bucket and 3rd function Hydraulics, 12.5/80-18 21L24 Tires. Powershift Transmission Air-Ride Seat, Cab with Air Conditioning, Ride Control, Extendable Dipperstick, Wain Roy Quick Coupler with Wain Roy Jaw Bucket, Auxiliary Backhoe Hydraulics.

Doc Fees	\$450.00
Sales Tax	\$9,343.75
Quote Amount	\$159,293.75
Cash or Financed Amount	\$159,293.75

Options & Add'l Detail

JRB Quick Coupler 1.25 cubic yard Side Dump Bucket: \$9,530.00 (not included in selling price)

Warranty

Standard John Deere Warranty 12 month unlimited hour full coverage. Additional 48 months Powertrain and Hydraulic Warranty up to 5000 hours. Warranty details available upon request.

Quote Terms & Conditions

This quote is good for 30 days, subject to prior sale. Any financing offered requires finance company documentation and approvals. Quote values may be rounded to whole dollars, however Actual invoice values will include cents. We will provide assembly and delivery to your site, unless otherwise specified. We will instruct your personnel on maintenance and the safe operation of this machine. We suggest any operator of this unit read the operator's manual before operating this machine.

Town of Lunenburg

Department of Public Works

John M. Rodriquez
Director
Tel.: (978) 582-4160
Fax: (978) 582-4152



*520 Chase Road
Lunenburg, MA 01462*

DPW FY16 Capital Plan Addenda 1 – 3

Addendum 1

Change price for Backhoe request in FY16 from \$160,000 to \$120,000. Revised quote and specs attached.

Addendum 2

Form C for Backhoe.

Addendum 3

Proposed Agreement from Arborist for Tree Survey Request in FY16.



Southworth-Milton, Inc.
www.miltoncat.com

October 20th, 2014

Mr. Jack Rodriquenz
Director

Town of Lunenburg
Department of Public Works
520 Chase Road
Lunenburg, MA 01462

Dear Mr. Rodriquenz,

The following is a budgetary price quotation for a New CAT Backhoe Loader. (Reference National IPA Contract #120377)

Includes: Loader Quick Coupler and 3rd Valve Hydraulics, A/C, Ride Control, Auto-Shift, Backhoe Pilot Controls, E-Stick, AM/FM CD Stereo, 1.5 CU.YD Front GP Bucket.

See Attached Spec Sheet and brochure.

(1) New 2014 CAT 430F IT Backhoe Loader: \$120,000.00
Includes 24" Wain Roy Pin On Rear Jaw Bucket and Aux Hydraulics.

Delivered Price: **\$120,000.00**

Thank you for your consideration,

Michael Murawski
Governmental Sales
Milton CAT
774-462-2359 Mobile Phone

Corporate Headquarters 100 Quarry Drive Millsford, MA 01757 508.634.3400	14 Kendrick Road, RL 28 Wareham, MA 02571	2158 Plainfield Pike Cranston, RI 02920 401.946.6350	1-89 Exit 6 Mail to: 654 Maple St Hopkinton, NH 03229 603.746.4611	RI 103, 1-89 Exit 7 Warner, NH 03278 603.746.4671	79 Robertson Boulevard Brewer, ME 04412 207.989.1890	16 Pleasant Hill Road Scarborough, ME 04070 207.883.9586
One Cat Lane, RL 2 Richmond, VT 05477 802.434.4228	500 Commerce Drive Clifton Park, NY 12065 518.877.8000	294 Ainsley Drive Syracuse, NY 13205 315.476.9981	2140 Military Road Buffalo, NY 14150 716.694.7200	275 Market Place Drive Rochester, NY 14623 585.475.1330	55 Industrial Park Drive Binghamton, NY 13904 607.772.6500	

430F/430F IT

Backhoe Loaders

CAT®



Engine

Engine Model	Cat® C4.4 ACERT™	
Rated Net Power – SAE J1349	80 kW	107 hp
Rated Net Power – ISO 9249	81 kW	109 hp

Weights

Operating Weight – Nominal	7125 kg	15,708 lb
Operating Weight – Maximum	11 000 kg	24,251 lb
Backhoe		
Dig Depth – Standard	4698 mm	15'5"
Dig Depth – E-Stick Extended	5935 mm	19'6"

430F/430F IT Specifications

Engine

Engine Model	Cat C4.4 ACERT	
Gross Power		
SAE J1995	87 kW	117 hp
ISO 14396	86 kW	115 hp
Rated Net Power @ 2,200 rpm		
SAE J1349	80 kW	107 hp
ISO 9249/EEC 80/1269	81 kW	109 hp
Net Peak Power @ 1,800 rpm		
SAE J1349	82 kW	110 hp
ISO 9249	83 kW	111 hp
EEC 80/1269	83 kW	111 hp
Bore	105 mm	4.13 in
Stroke	127 mm	5 in
Displacement	4.4 L	268 in ³
Net Torque Rise @ 1,400 rpm – SAE J1349	40%	
Net Peak Torque @ 1,400 rpm	489 N·m	361 lb-ft

- Engine meets U.S. EPA Tier 4 Interim/EU Stage IIIB emission standards.

Transmission

Power Shuttle Transmission – Standard		
Forward – 1st	6 km/h	3.7 mph
Forward – 2nd	9.6 km/h	5.9 mph
Forward – 3rd	20 km/h	12 mph
Forward – 4th	40 km/h	25 mph
Reverse – 1st	6 km/h	3.7 mph
Reverse – 2nd	9.6 km/h	5.9 mph
Reverse – 3rd	20 km/h	12 mph
Reverse – 4th	40 km/h	25 mph
AutoShift Transmission – Optional		
Forward – 1st	5.9 km/h	3.7 mph
Forward – 2nd	9.5 km/h	5.9 mph
Forward – 3rd	20 km/h	12 mph
Forward – 4th	27 km/h	17 mph
Forward – 5th	42 km/h	26 mph
Reverse – 1st	5.9 km/h	3.7 mph
Reverse – 2nd	13 km/h	7.8 mph
Reverse – 3rd	27 km/h	17 mph

Weights*

Operating Weight – Nominal	7125 kg	15,708 lb
Operating Weight – Maximum	11 000 kg	24,251 lb
Cab, ROPS/FOPS	184 kg	406 lb
AutoShift Transmission	216 kg	476 lb
Ride Control	14 kg	31 lb
Air Conditioning	26 kg	57 lb
Four Wheel Drive	N/A	N/A
MP Bucket (0.96 m ³ /1.25 yd ³) (no forks or teeth)	745 kg	1,642 lb
Loader, IT with Quick Coupler	197 kg	434 lb
Extendible Stick	321 kg	708 lb
Counterweights (Option 1)	115 kg	255 lb
Counterweights (Option 2)	240 kg	530 lb
Counterweights (Option 3)	460 kg	1,015 lb

- * Specifications shown are for machine equipped with 1.0 m³ (1.31 yd³) general purpose loader bucket, 610 mm (24 in) heavy duty backhoe bucket, 80 kg (176 lb) operator and full fuel tank.

Steering

Type	Front Wheel	
Power Steering	Hydrostatic	
Bore	65 mm	2.6 in
Stroke	120 mm	4.7 in
Rod Diameter	36 mm	1.4 in
Axle Oscillation	11°	
Turning Circle – 4WD (inner wheel not braked)		
Outside, Front Wheels	8.18 m	26'10"
Outside, Widest Loading Bucket	10.97 m	36'0"

Axle Ratings

Front Axle, 4WD		
Static	22 964 kg	50,582 lb
Dynamic	9186 kg	20,233 lb
Rear Axle		
Static	22 964 kg	50,582 lb
Dynamic	9186 kg	20,233 lb
Axle Oscillation	10 Degrees	

- 4WD axles are pendulum mounted and permanently sealed and lubricated, requiring no daily maintenance. Also features double-acting steering cylinder with 52° steering angle for increased maneuverability.

430F/430F IT Specifications

Hydraulic System

Type	Closed Center	
Pump Type	Variable Flow, Axial Piston	
Pump Capacity @ 2,200 rpm	163 L/min	43 gal/min
System Pressure – Backhoe	25 000 kPa	3,600 psi
System Pressure – Loader	25 000 kPa	3,600 psi

Service Refill Capacities

Cooling System with Air Conditioning	22 L	5.8 gal
Fuel Tank	170 L	45 gal
Engine Oil with Filter	7.6 L	2.0 gal
Transmission – Power Shuttle		
4WD	18.5 L	4.9 gal
Transmission – AutoShift		
4WD	19.0 L	5.0 gal
Rear Axle	16.5 L	4.4 gal
Planetaries	1.7 L	0.4 gal
Front Axle (4WD)	11.0 L	2.9 gal
Planetaries	0.7 L	0.2 gal
Hydraulic System	95.0 L	25.1 gal
Hydraulic Tank	42.0 L	11.1 gal

- Requires ultra-low sulfur fuel ≤ 15 ppm fuel sulfur.

Tires

Choices listed as combination of front/rear tires:

- 12.5/80-18 (12 ply) 1-3/19.5L-24 (12 ply) ATU
- 12.5/80-18 NHS (12 ply) 1-3/21L-24 (16 ply) R4 ATU
- 340/80R 18/19.5L-24 (12 ply) R4 ATU
- 340/80R 18/500/70R 24 RT

Operating Specifications – Backhoe

Turning Circle: Outside, Front Wheels	8.18 m	26'10"
Turning Circle: Outside, Widest	10.97 m	36'0"
Loading Bucket		

- ISO 5010.
- 4WD (inner wheel not braked).

Engine Features

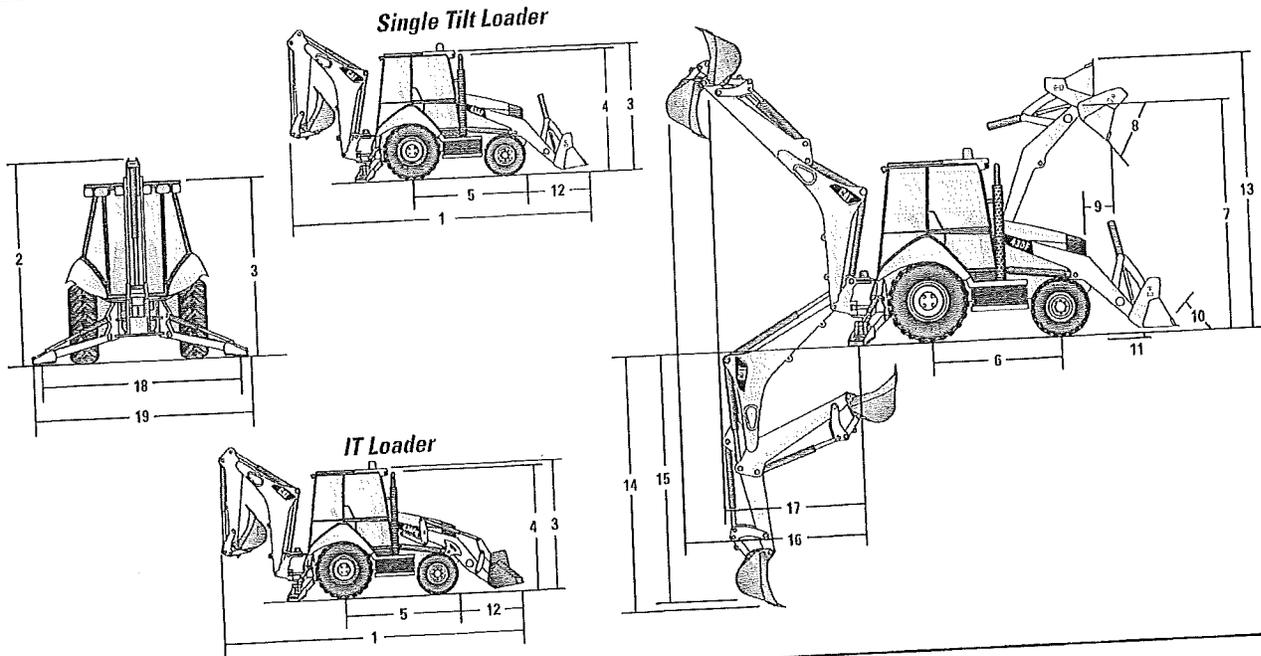
- Regeneration is passive and does not require any input from the operator or disrupt work.
- Three-ring pistons made of lightweight, silicon/aluminum alloy for strength and maximum thermal conductivity.
- Forged chrome/molybdenum-steel crankshaft with crankshaft with either induction hardened or nitrocarburized journals.
- Front and rear crankshaft oil seals are “lip” type Viton and PTFE designs featuring an integral dust lip.
- Heat resistant, silicone-chrome steel intake and STELLITE-faced exhaust valves provide long life.
- Cylinder block is high strength, cast iron alloy of deep skirt, monobloc design for increased strength and long life.
- Cylinder head is high strength, cast iron alloy construction with extra duty wall and deck thickness. Intake and exhaust ports are precision cast to promote optimum gas flow.
- Direct injection fuel system provides accurate fuel delivery; remote mounted electric lift pump improves serviceability.
- Dry-type axial seal air cleaner with integral precleaner, automatic dust ejection system, and filter condition indicator.
- Direct electric, 12-volt starting and charging system with 880 CCA Group 31 maintenance free battery.
- Standard glow plug starting aid system for efficient cold weather starting.
- High contact ratio/gear train, peripheral fixed isolation top cover and open deck block design reduce bare engine noise.
- Higher low end torque for better engine/machine performance.
- Engine is equipped with electric fuel priming pump.

Brakes

Features:

- Brakes meet the following standards: SAE J1473 and ISO 3450 requirements.
- Self-adjusting, completely enclosed and sealed.
- Foot operated brake pedals can be interlocked for roading.
- Parking/secondary brakes are independent of the service brake system. Parking brake is mechanically applied through an adjustable hand lever located on the right console.

Machine Dimensions

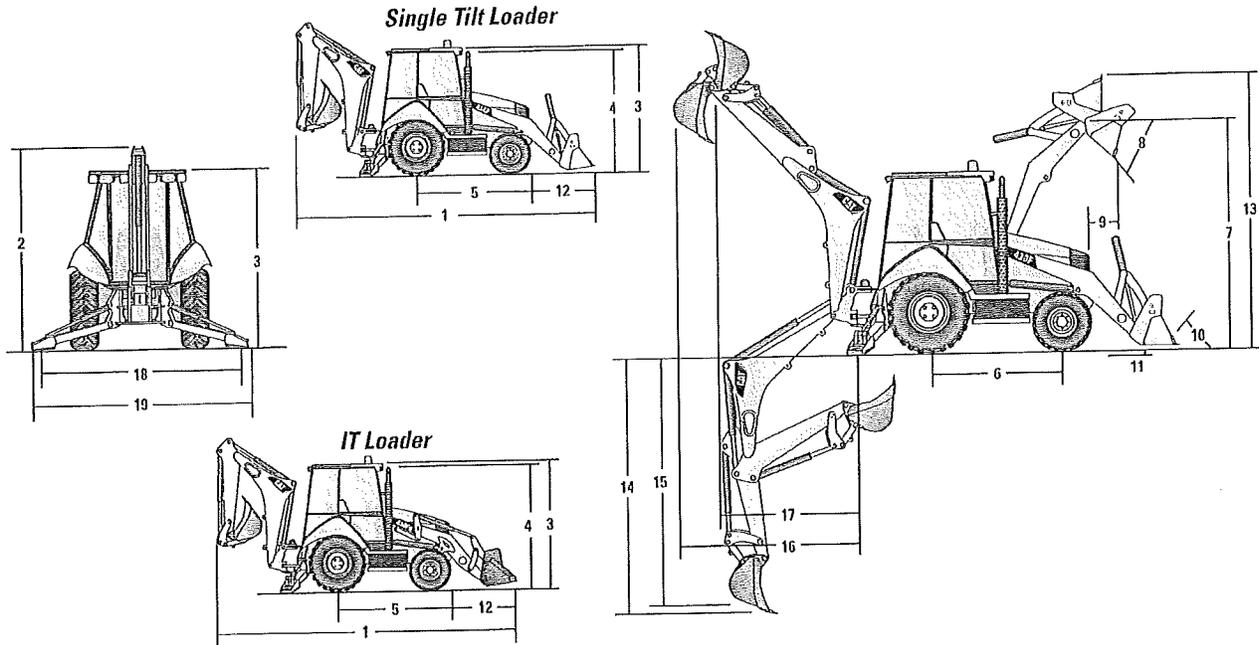


	Single Tilt Loader									
	General Purpose (0.96 m ³ /1.25 yd ³)		General Purpose (1.1 m ³ /1.4 yd ³)		General Purpose (1.15 m ³ /1.5 yd ³)		Multi Purpose (1.0 m ³ /1.3 yd ³)		Multi Purpose (1.1 m ³ /1.4 yd ³)	
1 Overall Transport Length	7282 mm	23'11"	7302 mm	23'11"	7302 mm	23'11"	7200 mm	23'7"	7200 mm	23'7"
Overall Length (loader on ground)	7310 mm	24'0"	7348 mm	24'1"	7348 mm	24'1"	7274 mm	23'10"	7274 mm	23'10"
2 Overall Transport Height – Standard Stick	3577 mm	11'9"	3577 mm	11'9"	3577 mm	11'9"	3577 mm	11'9"	3577 mm	11'9"
Overall Transport Height – Extendible Stick	3631 mm	11'11"	3631 mm	11'11"	3631 mm	11'11"	3631 mm	11'11"	3631 mm	11'11"
Overall Width	2322 mm	7'7"	2322 mm	7'7"	2322 mm	7'7"	2322 mm	7'7"	2322 mm	7'7"
3 Height to Top of Cab/Canopy	2819 mm	9'3"	2819 mm	9'3"	2819 mm	9'3"	2819 mm	9'3"	2819 mm	9'3"
4 Height to Top of Exhaust Stack	2744 mm	9'0"	2744 mm	9'0"	2744 mm	9'0"	2744 mm	9'0"	2744 mm	9'0"
Height to Loader Hinge Pin (transport)	381 mm	1'3"	428 mm	1'5"	428 mm	1'5"	432 mm	1'5"	432 mm	1'5"
Ground Clearance (minimum)	320 mm	1'1"	320 mm	1'1"	320 mm	1'1"	320 mm	1'1"	320 mm	1'1"
5 Rear Axle Centerline to Front Grill	2705 mm	8'10"	2705 mm	8'10"	2705 mm	8'10"	2705 mm	8'10"	2705 mm	8'10"
Front Wheel Tread Gauge	1895 mm	6'3"	1895 mm	6'3"	1895 mm	6'3"	1895 mm	6'3"	1895 mm	6'3"
Rear Wheel Tread Gauge	1714 mm	5'7"	1714 mm	5'7"	1714 mm	5'7"	1714 mm	5'7"	1714 mm	5'7"
6 Wheelbase 2WD/AWD	2200 mm	7'3"	2200 mm	7'3"	2200 mm	7'3"	2200 mm	7'3"	2200 mm	7'3"

Dimensions and performance specifications shown are for machines equipped with 12.5/80-18 SGL front tires, 19.5L-24 IT525 rear tires, ROPS canopy, standard stick with 610 mm (24 in) standard duty bucket, 1.0 m³ (1.31 yd³) loader bucket and standard equipment unless otherwise specified.

430F/430F IT Specifications

Machine Dimensions



IT Loader with Quick Coupler

	General Purpose (1.0 m ³ /1.3 yd ³)		General Purpose (1.15 m ³ /1.5 yd ³)		Multi Purpose (1.1 m ³ /1.4 yd ³)	
1 Overall Transport Length	7385 mm	24'3"	7428 mm	24'4"	7338 mm	24'1"
Overall Length (loader on ground)	7391 mm	24'3"	7420 mm	24'4"	7352 mm	24'1"
2 Overall Transport Height - Standard Stick	3577 mm	11'9"	3577 mm	11'9"	3577 mm	11'9"
Overall Transport Height - Extendible Stick	3631 mm	11'11"	3631 mm	11'11"	3631 mm	11'11"
Overall Width	2322 mm	7'7"	2322 mm	7'7"	2322 mm	7'7"
3 Height to Top of Cab/Canopy	2819 mm	9'3"	2819 mm	9'3"	2819 mm	9'3"
4 Height to Top of Exhaust Stack	2744 mm	9'0"	2744 mm	9'0"	2744 mm	9'0"
Height to Loader Hinge Pin (transport)	396 mm	1'4"	391 mm	1'3"	386 mm	1'3"
Ground Clearance (minimum)	320 mm	1'1"	320 mm	1'1"	320 mm	1'1"
5 Rear Axle Centerline to Front Grill	2705 mm	8'10"	2705 mm	8'10"	2705 mm	8'10"
Front Wheel Tread Gauge	1895 mm	6'3"	1895 mm	6'3"	1895 mm	6'3"
Rear Wheel Tread Gauge	1714 mm	5'7"	1714 mm	5'7"	1714 mm	5'7"
6 Wheelbase 2WD/AWD	2200 mm	7'3"	2200 mm	7'3"	2200 mm	7'3"

Dimensions and performance specifications shown are for machines equipped with 12.5/80-18 SGL front tires, 19.5L-24 IT525 rear tires, ROPS canopy, standard stick with 610 mm (24 in) standard duty bucket, 1.0 m³ (1.31 yd³) loader bucket and standard equipment unless otherwise specified.

Loader Bucket Dimensions and Performance

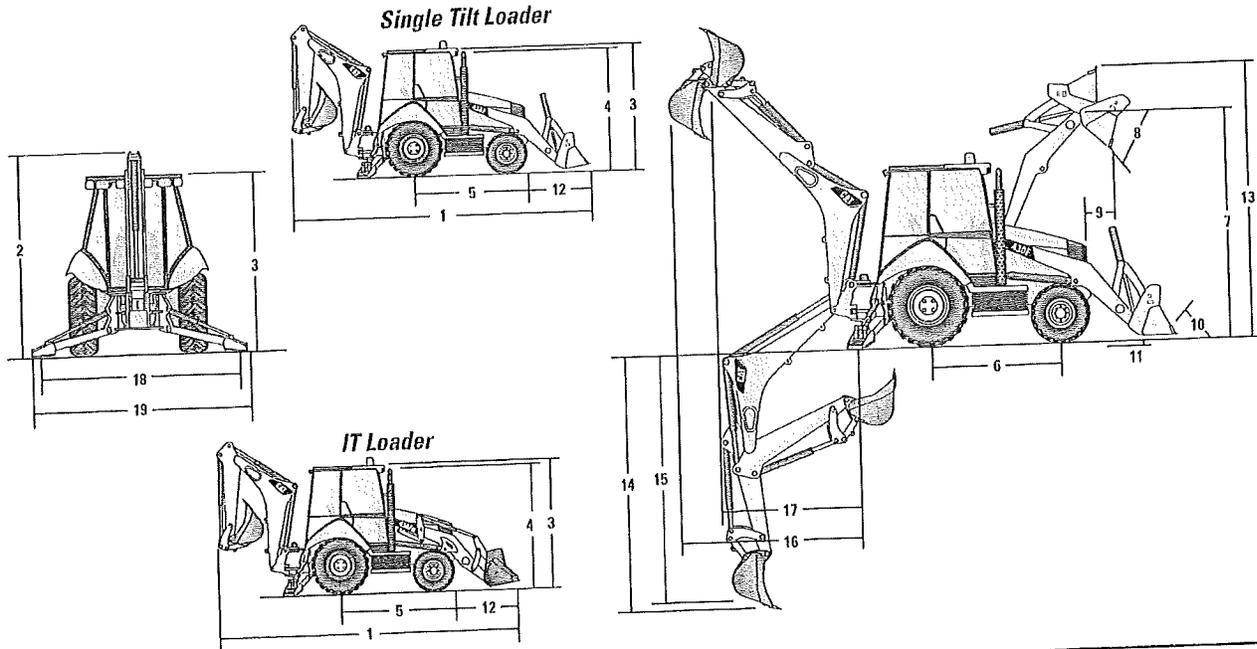
	Single Tilt Loader									
	General Purpose (0.96 m ³ /1.25 yd ³)		General Purpose (1.1 m ³ /1.4 yd ³)		General Purpose (1.15 m ³ /1.5 yd ³)		Multi Purpose (1.0 m ³ /1.3 yd ³)		Multi Purpose (1.1 m ³ /1.4 yd ³)	
Capacity (SAE rated)	0.96 m ³	1.25 yd ³	1.1 m ³	1.4 yd ³	1.15 m ³	1.5 yd ³	1.0 m ³	1.3 yd ³	1.1 m ³	1.4 yd ³
Overall Bucket Width	2262 mm	89"	2262 mm	89"	2406 mm	95"	2279 mm	90"	2425 mm	95"
Lift Capacity at Maximum Height	3282 kg	7,237 lb	3216 kg	7,090 lb	3196 kg	7,046 lb	3097 kg	6,828 lb	3068 kg	6,764 lb
Lift Breakout Force	49 809 N	11,197 lb	49 275 N	11,077 lb	49 099 N	11,037 lb	49 019 N	11,020 lb	48 771 N	10,964 lb
Tilt Breakout Force	50 190 N	11,283 lb	51 236 N	11,518 lb	51 128 N	11,494 lb	57 555 N	12,938 lb	57 408 N	12,905 lb
7 Maximum Hinge Pin Height	3474 mm	11'5"	3474 mm	11'5"	3474 mm	11'5"	3474 mm	11'5"	3474 mm	11'5"
8 Dump Angle at Full Height	44°		44°		44°		44°		44°	
Dump Height at Maximum Angle	2746 mm	9'0"	2723 mm	8'11"	2723 mm	8'11"	2798 mm	9'2"	2798 mm	9'2"
9 Dump Reach at Maximum Angle	808 mm	2'8"	773 mm	2'6"	773 mm	2'6"	716 mm	2'4"	716 mm	2'4"
10 Maximum Bucket Rollback at Ground Level	37°		38°		38°		38°		38°	
11 Digging Depth	83 mm	3"	123 mm	5"	123 mm	5"	110 mm	4"	110 mm	4"
Maximum Grading Angle	112°		113°		113°		116°		116°	
Width of Dozer Cutting Edge	N/A		N/A		N/A		2262 mm	7'5"	2406 mm	7'11"
12 Grill to Bucket Cutting Edge, Carry Position	1487 mm	4'11"	1525 mm	5'0"	1525 mm	5'0"	1451 mm	4'9"	1451 mm	4'9"
13 Maximum Operating Height	4355 mm	14'3"	4395 mm	14'5"	4395 mm	14'5"	4404 mm	14'5"	4404 mm	14'5"
Jaw Opening Maximum	N/A		N/A		N/A		790 mm	2'7"	790 mm	2'7"
Bucket Jaw Clamping Force	N/A		N/A		N/A		55 700 N	12,521 lb	55 700 N	12,521 lb
Weight (does not include teeth or forks)	451 kg	994 lb	473 kg	1,043 lb	493 kg	1,087 lb	745 kg	1,642 lb	774 kg	1,706 lb

	IT Loader with Quick Coupler					
	General Purpose (1.0 m ³ /1.3 yd ³)		General Purpose (1.15 m ³ /1.5 yd ³)		Multi Purpose (1.1 m ³ /1.4 yd ³)	
Capacity (SAE rated)	1.0 m ³	1.3 yd ³	1.15 m ³	1.5 yd ³	1.1 m ³	1.4 yd ³
Overall Bucket Width	2406 mm	95"	2406 mm	95"	2425 mm	95"
Lift Capacity at Maximum Height	3707 kg	8,173 lb	3682 kg	8,117 lb	3419 kg	7,537 lb
Lift Breakout Force	51 492 N	11,575 lb	50 778 N	11,415 lb	49 413 N	11,108 lb
Tilt Breakout Force	48 927 N	10,999 lb	46 134 N	10,371 lb	50 214 N	11,288 lb
7 Maximum Hinge Pin Height	3490 mm	11'5"	3490 mm	11'5"	3490 mm	11'5"
8 Dump Angle at Full Height	44°		44°		44°	
Dump Height at Maximum Angle	2710 mm	8'11"	2680 mm	8'10"	2745 mm	9'0"
9 Dump Reach at Maximum Angle	836 mm	2'9"	868 mm	2'10"	814 mm	2'8"
10 Maximum Bucket Rollback at Ground Level	40°		40°		40°	
11 Digging Depth	105 mm	4"	105 mm	4"	95 mm	4"
Maximum Grading Angle	111°		110°		112°	
Width of Dozer Cutting Edge	N/A		N/A		2406 mm	7'11"
12 Grill to Bucket Cutting Edge, Carry Position	1568 mm	5'2"	1597 mm	5'3"	1529 mm	5'0"
13 Maximum Operating Height	4407 mm	14'6"	4477 mm	14'8"	4480 mm	14'8"
Jaw Opening Maximum	N/A		N/A		790 mm	2'7"
Bucket Jaw Clamping Force	N/A		N/A		55 700 N	12,521 lb
Weight (does not include teeth or forks)	457 kg	1,008 lb	481 kg	1,060 lb	753 kg	1,660 lb

Dimensions and performance specifications shown are for machines equipped with 12.5/80-18 SGL front tires, 19.5L-24 IT525 rear tires, ROPS canopy, standard stick with 610 mm (24 in) standard duty bucket, 1.0 m³ (1.31 yd³) loader bucket and standard equipment unless otherwise specified.

430F/430F IT Specifications

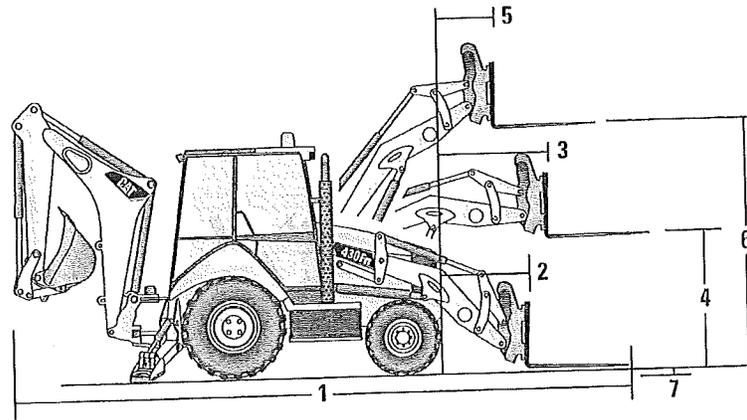
Backhoe Dimensions and Performance



	Standard Stick		E-Stick Retracted		E-Stick Extended	
14 Digging Depth, SAE (maximum)	4698 mm	15'5"	4795 mm	15'9"	5935 mm	19'6"
15 Digging Depth, 610 mm (2 ft) Flat Bottom	4660 mm	15'4"	4766 mm	15'8"	5906 mm	19'5"
Reach from Rear Axle Centerline at Ground Line	7133 mm	23'6"	7227 mm	23'10"	8316 mm	27'5"
16 Reach from Swing Pivot at Ground Line	6043 mm	19'10"	6137 mm	20'2"	7226 mm	23'9"
Maximum Operating Height	6007 mm	19'9"	6075 mm	20'0"	6958 mm	22'11"
Loading Height	3961 mm	13'0"	3921 mm	12'10"	4533 mm	14'10"
17 Loading Reach	1855 mm	6'1"	2022 mm	6'8"	3003 mm	9'10"
Swing Arc	180°		180°		180°	
Bucket Rotation	205°		205°		205°	
18 Stabilizer Spread, Operating Position (center)	3310 mm	10'10"	3310 mm	10'10"	3310 mm	10'10"
Stabilizer Spread, Operating Position (outside)	3770 mm	12'4"	3770 mm	12'4"	3770 mm	12'4"
Stabilizer Spread, Transport Position	2322 mm	7'7"	2322 mm	7'7"	2322 mm	7'7"
Bucket Dig Force	71 864 N	16,156 lb	70 870 N	15,932 lb	70 870 N	15,932 lb
Stick Dig Force	44 778 N	10,067 lb	43 841 N	9,856 lb	32 414 N	7,287 lb

Dimensions and performance specifications shown are for machines equipped with 12.5/80-18 SGL front tires, 19.5L-24 IT525 rear tires, ROPS canopy, standard stick with 610 mm (24 in) standard duty bucket, 1.0 m³ (1.31 yd³) loader bucket and standard equipment unless otherwise specified.

Dimensions with Forks

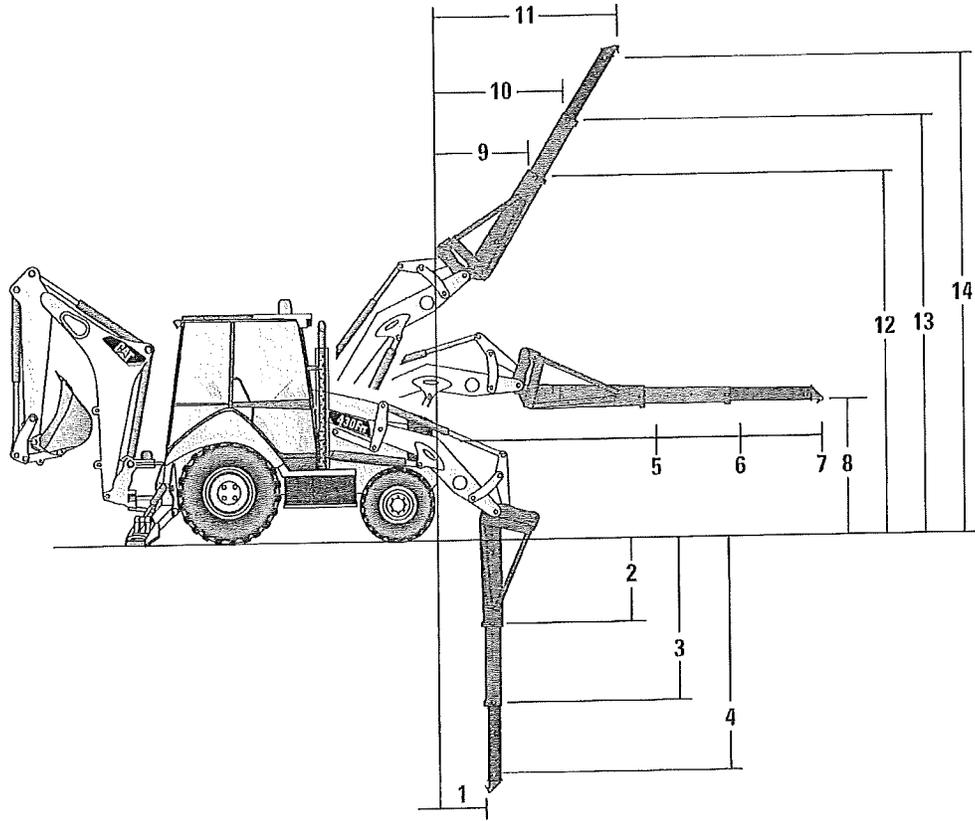


Fork Tine Length	1070 mm/3'6"		1220 mm/4'0"		1370 mm/4'10"	
	Operating Load (SAE J1197)	2683 kg	5,916 lb	2583 kg	5,693 lb	2392 kg
SAE Load Center	535 mm	1'9"	610 mm	2'0"	685 mm	2'3"
Operating Load (CEN 474-4)	2774 kg	6,116 lb	2752 kg	6,067 lb	2728 kg	6,014 lb
CEN Load Center	500 mm	1'8"	500 mm	1'8"	500 mm	1'8"
1 Overall Length (forks on ground)	7822 mm	25'8"	7973 mm	26'2"	8121 mm	26'8"
2 Reach at Ground (from grill to heel of fork)†	938 mm	3'1"	939 mm	3'1"	937 mm	3'1"
3 Maximum Reach (from grill to heel of fork)†	1475 mm	4'10"	1475 mm	4'10"	1475 mm	4'10"
4 Fork Height at Maximum Reach	1588 mm	5'3"	1588 mm	5'3"	1587 mm	5'2"
5 Reach at Maximum Height (from grill to heel of fork)†	696 mm	2'3"	696 mm	2'3"	696 mm	2'3"
6 Maximum Fork Height	3410 mm	11'2"	3410 mm	11'2"	3410 mm	11'2"
7 Maximum Fork Depth (below ground level)	-6 mm	-0.24"	-5 mm	-0.20"	-8 mm	-0.31"

Dimensions and performance specifications shown are for machines equipped with 12.5/80-18 SGL front tires, 19.5L-24 1T525 rear tires, ROPS canopy, standard stick with 610 mm (24 inch) standard duty bucket, and 1.0 m³ (1.31 yd³) loader bucket and standard equipment unless otherwise specified.

430F/430F IT Specifications

Dimensions with Material Handling Arm



Material Handling Arm Position	Retracted		Mid-Position		Extended	
	kg	lb	mm	in	mm	in
Operating Load (SAE J1197 and CEN 474-4)*	1058	2,333	674	1,487	495	1,092
Overall Length, Maximum	8867	29'1"	9864	32'4"	10 864	35'8"
1 Reach at Maximum Depth (from machine nose)	589	1'11"	592	1'11"	595	1'11"
2, 3, 4 Maximum Depth	2532	8'4"	3530	11'7"	4530	14'10"
5, 6, 7 Maximum Reach (from machine nose)	3184	10'5"	4182	13'9"	5182	17'0"
8 Height at Maximum Reach	1101	3'7"	1103	3'7"	1106	3'8"
9, 10, 11 Reach at Maximum Height (from machine nose)	1577	5'2"	2164	7'1"	2755	9'0"
12, 13, 14 Maximum Height	4570	15'0"	5377	17'8"	6183	20'3"

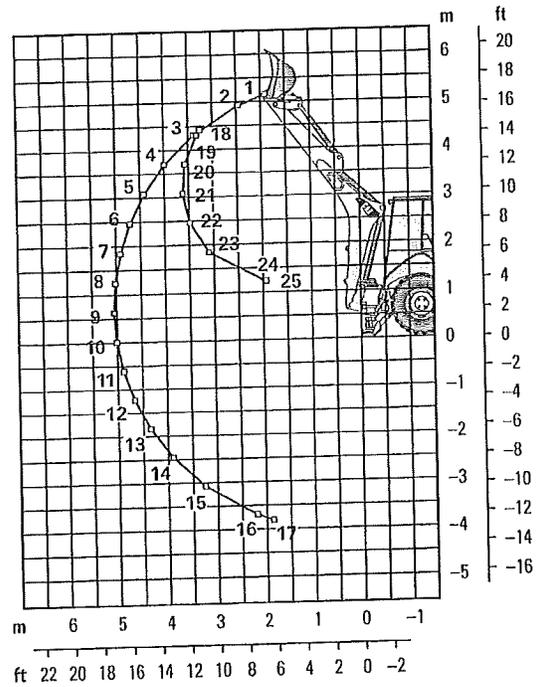
*Hydraulically limited.

Dimensions and performance specifications shown are for machines equipped with 12.5/80-18 SGL front tires, 19.5L-24 IT525 rear tires, ROPS canopy, standard stick with 610 mm (24 inch) standard duty bucket, and 1.0 m³ (1.31 yd³) loader bucket and standard equipment unless otherwise specified.

Backhoe Lift Capacity

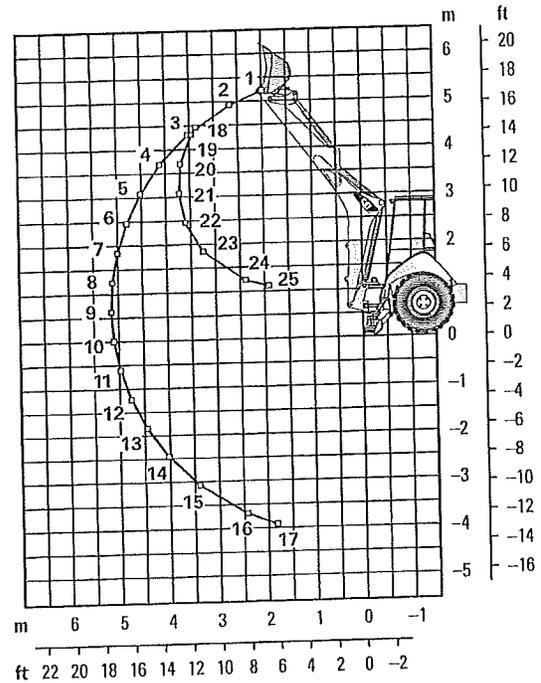
Cat 430F/430F IT Standard Stick

Boom Lifting	kg	lb
1	1508	3,318
2	1782	3,921
3	1936	4,258
4	1925	4,236
5	1878	4,131
6	1819	4,001
7	1757	3,866
8	1698	3,735
9	1641	3,610
10	1588	3,493
11	1539	3,387
12	1496	3,291
13	1459	3,211
14	1432	3,151
15	1425	3,136
16	1503	3,307
17	1573	3,461
Stick Lifting	kg	lb
18	2453	5,397
19	2636	5,800
20	2830	6,226
21	2773	6,100
22	2906	6,394
23	3317	7,297
24	5585	12,288
25	5665	12,463



Cat 430F/430F IT Extendible Stick – Retracted

Boom Lifting	kg	lb
1	1250	2,750
2	1543	3,395
3	1667	3,668
4	1658	3,648
5	1615	3,553
6	1561	3,433
7	1503	3,307
8	1447	3,183
9	1392	3,063
10	1341	2,951
11	1294	2,847
12	1252	2,754
13	1215	2,673
14	1187	2,611
15	1175	2,585
16	1223	2,690
17	1330	2,927
Stick Lifting	kg	lb
18	2158	4,747
19	2367	5,208
20	2541	5,589
21	2489	5,476
22	2603	5,726
23	2982	6,561
24	4521	9,946
25	6057	13,326

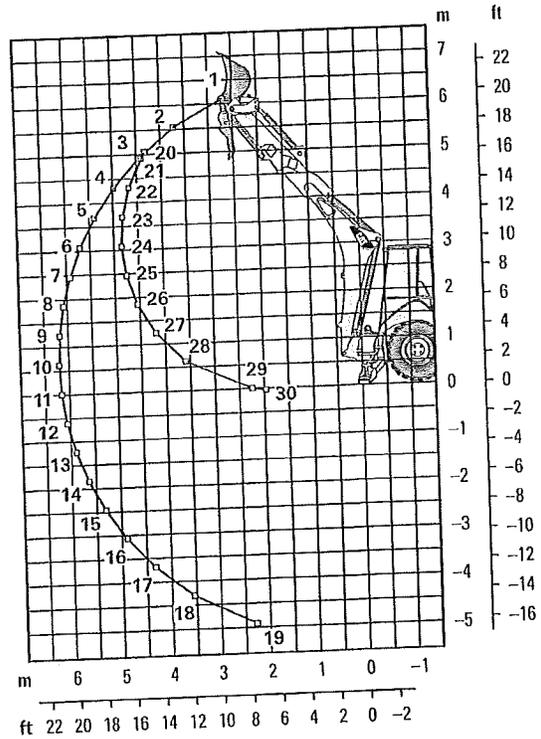


Lift Capacities are over-end values. Machine equipped with 4WD, OROPS, 1.0 m³ (1.31 yd³) general purpose bucket, and 460 kg (1,015 lb) counterweight. Extendible stick includes 488 kg (1,075 lb) counterweight.

430F/430F IT Specifications

Backhoe Lift Capacity

Cat 430F/430F IT Extendible Stick – Extended		
Boom Lifting	kg	lb
1	678	1,492
2	1019	2,241
3	1127	2,480
4	1161	2,554
5	1164	2,561
6	1153	2,536
7	1133	2,494
8	1110	2,443
9	1086	2,389
10	1061	2,335
11	1037	2,282
12	1015	2,233
13	995	2,188
14	978	2,151
15	966	2,125
16	961	2,115
17	970	2,135
18	1013	2,229
19	1222	2,689
Stick Lifting	kg	lb
20	1197	2,633
21	1277	2,810
22	1565	3,444
23	1737	3,822
24	1718	3,779
25	1755	3,861
26	1862	4,097
27	2082	4,581
28	2566	5,645
29	4916	10,814
30	5859	12,890



Lift Capacities are over-end values. Machine equipped with 4WD, OROPS, 1.0 m³ (1.31 yd³) general purpose bucket, and 460 kg (1,015 lb) counterweight. Extendible stick includes 488 kg (1,075 lb) counterweight.

Counterweights

Minimum Counterweight Recommendations

Standard Stick						Extendible Stick					
Loader Bucket	Power Train	Single-Tilt		IT Loader w/QC		Loader Bucket	Power Train	Single-Tilt		IT Loader w/QC	
		kg	lb	kg	lb			kg	lb	kg	lb
GP	4WD	460	1,015	115	255	GP	4WD	460	1,015	460	1,015
MP	4WD	no counterweight		no counterweight		MP	4WD	460	1,015	115	255
Forks	4WD	N/A	N/A	115	255	Forks	4WD	N/A	N/A	460	1,015
Material Handling Arm	4WD	N/A	N/A	115	255	Material Handling Arm	4WD	N/A	N/A	460	1,015

Backhoe Buckets

With weld on adapters and pin-on teeth

Standard Duty							Coral						
Width		Rated Capacity		Weight		No. of Teeth	Width		Rated Capacity		Weight		No. of Teeth
mm	in	L	ft³	kg	lb		mm	in	L	ft³	kg	lb	
305	12	80	2.8	111	245	3	305	12	60	2.1	134	295	4
457	18	120	4.2	122	268	4	457	18	100	3.5	155	341	6
610	24	180	6.4	141	311	5	610	24	140	4.9	182	402	8
762	30	230	8.1	157	345	5	762	30	190	6.7	210	463	10
914	36	290	10.2	176	388	6							

Heavy Duty							Heavy Duty – Pin Lock						
Width		Rated Capacity		Weight		No. of Teeth	Width		Rated Capacity		Weight		No. of Teeth
mm	in	L	ft³	kg	lb		mm	in	L	ft³	kg	lb	
305	12	80	2.8	121	266	3	305	12	96	3.4	113	249	3
406	16	110	3.9	128	282	3	406	16	123	4.3	131	288	3
457	18	120	4.2	135	299	4	457	18	139	4.9	139	307	4
610	24	180	6.4	151	333	5	610	24	207	7.3	168	370	5
762	30	230	8.1	177	391	5	762	30	275	9.7	194	428	5
914	36	290	10.2	201	443	6	914	36	345	12.2	224	494	6

Soil Excavation							High Capacity – Pin Lock						
Width		Rated Capacity		Weight		No. of Teeth	Width		Rated Capacity		Weight		No. of Teeth
mm	in	L	ft³	kg	lb		mm	in	L	ft³	kg	lb	
457	18	180	6.4	155	341	4	305	12	96	4.6	113	287	3
610	24	240	8.5	182	402	5	406	16	123	5.6	131	327	3
762	30	320	11.3	206	454	5	457	18	139	6.5	139	346	4
914	36	380	13.4	233	513	6	610	24	207	9.6	168	414	5
							762	30	275	12.9	194	475	5
							914	36	345	16.2	224	543	6

Heavy Duty Rock						
Width		Rated Capacity		Weight		No. of Teeth
mm	in	L	ft³	kg	lb	
305	12	70	2.5	127	279	3
457	18	130	4.6	146	322	4
610	24	200	7.1	174	384	5
762	30	270	9.5	197	434	5
914	36	330	11.7	224	493	6

430F/430F IT Standard Equipment

Standard Equipment

Standard equipment may vary. Consult your Cat dealer for details.

- Air cleaner
- Alarm, back-up
- Alternator, 150 amp
- Audible system fault alarm
- Automatic Engine Speed Control (AESC)
- Battery, maintenance-free, 880 CCA
- Battery disconnect switch
- Battery remote jumpstart
- Boom transport lock
- Brace, lift cylinder
- Brake, secondary parking
- Brakes, hydraulically boosted, oil disc, dual pedals, interlocking
- Bucket level indicator
- Canopy, ROPS/FOPS
- Cat cushion swing system
- Coat hook
- Coolant/antifreeze, extended life
- Counterweight, bumper
- Diesel particulate filter, long life
- Dome light (cab only)
- Diagnostic port for engine, machine and gauge cluster Electronic Control Modules
- Differential lock
- Engine, Cat C4.4 ACERT (Direct Injection Turbocharged), meets U.S. EPA Tier 4 Interim/EU Stage IIIB emission standards
- Engine enclosure
- Fan, suction and guard
- Fast reversing shuttle, all gears
- Fenders, rear
- Filters, spin-on: fuel, engine oil, transmission oil, water separator
- Filters, bowl and cartridge: hydraulic fluid
- Floor mat
- Flow-sharing hydraulic valves
- Four Wheel Drive/Brake Mode Selector
- Fuel priming pump, electric
- Fully hinged front grill for cooling package cleaning access
- Gauge Cluster:
 - Gauges: coolant temperature, fuel level, tachometer
 - LCD screen: hour meter, torque converter oil temperature, hydraulic oil temperature, operator settings, service mode diagnostics
- Ground level fuel fill
- Guard, fuel tank bottom
- Hazard flashers/turn signals
- High ambient cooling package
- Hood lock
- Hydraulic hose, XT™
- Hydraulic implement lockout
- Hydraulic oil cooler
- Hydraulic oil level sight gauge
- Hydraulic pump, electronic control
- Hydraulic valve, hydrostatic steering
- Hydraulic valves, loader 2 function
- Hydraulic valves, backhoe 5 function
- Hydraulics, load sensing with variable displacement piston pump
- Indicators: air cleaner service, water separator service, engine coolant, oil pressure, hydraulic temperature, hydraulic bypass, torque converter temperature high, remote throttle, AESC, fuel level, charging, engine warning #1, engine warning #2, action lamp, wait-to-start
- Instrument panel lights
- Joystick controls: pilot operated, excavator-style with pattern changer
- Key start/stop system
- Lights, working (4 front, 4 rear)
- Load sensing, variable flow system
- Loader, self-leveling, return-to-dig and transmission disconnect switch
- Loader, single tilt
- Lunch box and drink holder
- Mirror, rearview
- One-touch low idle
- Open circuit breather
- O-ring face seal hydraulic fittings
- Pattern changer, in cab
- Power receptacle, 12 volt, 2 internal, 1 external
- Power steering, hydrostatic
- Seat belt, retractable, 51 mm (2 in)
- Stabilizer shoes, street
- Steering knob
- Seat, air suspension, fabric or vinyl cover, with armrest
- Starting system, glow plugs
- Steering, hydrostatic
- Storage compartment, internal
- Stop and tail lights
- Swing transport lock
- Tilt steering wheel
- Tires
- Toolbox, external, lockable
- Torque converter
- Throttle, hand and foot, electronic
- Transmission, four speed, syncromesh
- Transmission neutralizer switch
- Transport tie-downs
- Vandalism locks
- Warning horn, electric

430F/430F IT Optional Equipment

Optional Equipment

Optional equipment may vary. Consult your Cat dealer for details.

- Battery, additional, 880 CCA
- Cab, deluxe
- Cab, deluxe with air conditioning
- Cold weather fuel (-30° C/-22° F)
- Cold weather package, including additional battery, engine block heater, radiator antifreeze, cold weather fuel (-30° C/-22° F) and mounting for an ether bottle
- Counterweights, 115 kg (255 lb), 240 kg (530 lb) or 460 kg (1,015 lb)
- Fenders, front with integral steps
- Fenders, rear extensions
- Guard, boom protection plate
- Guard, stabilizer, rock
- Guard, fuel tank front and rear
- Hydraulic valves, loader (3rd valve for GP, MP or Quick Coupler)
- Hydraulic valves, backhoe 6 function
- Hydraulic lines, combined function auxiliary
- Loader, IT with Quick Coupler and pilot loader control
- Machine Security System
- Product Link
- Quick Coupler, manual, dual lock
- Quick Coupler, pin lock
- Radio ready cab
- Ride Control
- Rotating beacon, magnetic mount
- Seat belt, 75 mm (3 in)
- Stabilizer pads, reversible
- Stick, extendible
- Storage box
- Transmission, AutoShift
- Vandalism protection, gauge cover
- Work Tool Attachments such as buckets, forks, material handling arms, augers, hammers, brooms, cold planers and vibratory plate compactors. See your Cat dealer for more information.

430F/430F IT Backhoe Loaders

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com

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Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

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AEHQ6869 (09-2012)



Form B-1
Capital Planning Committee
Town of Lunenburg, Massachusetts
Capital Equipment Request

Department: DPW - Vehicles Contact Person: Jack Rodriquenz Date: 10/9/2014

1. Equipment to be acquired (quantity and description). Include detailed list of accessories or options.
If the equipment is a vehicle, please attach Form C.

6 Wheel Dump with Plow and Sander

2. Intended Use of Equipment:

Road maintenance and front line winter operations

3. Fiscal Year Purchase Requested:

FY 16 FY 17 FY 18 FY 19 FY 20

FY 21 anticipated large purchases

4. Rank the Priority Within Year Requested: # SA of 3 requests

5. Purpose of Expenditure (Check All That Apply)

Scheduled Replacement Present Equipment Obsolete Expanded Service
Replace Worn Equipment Increased Safety New Operation
Legal Requirement Improved Procedures/Records Others _____

If replacement, what is being replaced? 1984 Unit - 29 years old

How many hours currently used? Winter Operations

Financial Impact on Operating Budget (maintenance, cost of operation, required training)?

Significantly lower maintenance increased productivity and efficiency during storm events,

Will above expenditure 1) increase number of personnel, 2) reduce number of personnel, or 3) eliminate need for additional personnel?

No

Will above expenditure 1) increase operating cost, or 2) reduce operating costs with improved efficiency? Give details.

Reduced operating costs with improved efficiency.

Will Above Expenditure Require Additional Space? No

6. Alternatives to New Equipment Purchase Reviewed:

Transfer/Borrow Equipment From Another Department Equipment Rental
Contract Services Out to Private Company Lease Purchase
Purchase Equipment Jointly With Another Town Other: _____
Used Equipment

7. Cost Information - Attach three written estimates.

	Per Unit	Total	Cost In Fiscal Year Ending		
			Year		
Purchase Price		\$190,000.00	0	June 30,	
Financing/Other Costs			1	June 30,	
Less Trade In			2	June 30,	
Net Purchase Cost		\$190,000.00	3	June 30,	
			4	June 30,	
			5	June 30,	
Estimated Annual Maintenance Cost: 800			6 Year Total:		

*Oil and lube only, does not include unforeseen repairs

8. Manufacturer/Vendor Warranties Provided: 1 year

9. Estimated Usage of Requested Equipment:

* Is Equipment Use Seasonal? yes

* Estimated Weeks Per Year Used: winter

* For Weeks Used, Estimated Average Days Per Week: winter operations

* For Days Used, Estimated Hours Per Day Used: winter operations

Estimated Useful Life of Equipment: 20 years

10. Justification: There is nothing more important during the fall through spring than making safe our roadways for vehicle and pedestrian traffic.

11. If this is first request for equipment needed immediately, explain how need created.

FORM C Criteria & Reasoning Vehicle Purchase

Date: 10/9/14

To: Capital Planning Committee

From: DPW

1. Department: DPW
2. Type of Vehicle: 6 Wheel with Plow and Sander unit
3. Hours of Use Required: During all snow events and sporadically in other seasons
4. Need: Snow, highway
5. Type of Purchase: New _____ X _____ Used _____
6. Criteria:

	Current	Replacement
Age	1984	New
Mileage/Hours	111,682 miles	
Overall Condition	Poor	
Inspection-State	MA	
Inspection-Independent		
Vehicle Source		
Repair History (accident?)		

7. Reasoning (used versus new): _____

8. Cost: New \$190,000 Used _____

9. Funding Source – Request: CPC X Other _____

If other – document: _____

10. Pertinent Specifications: _____



6-WHEEL

CHASSIS SPECIFICATIONS SUMMARY

September 23, 2014

2015 MACK GU712

SNOW PLOW. On/Off Hwy
STRAIGHT TRUCK WITH TRAILER

Engine	MACK MP7-405M 405HP 365	Transmission	4500-RDS-6 ??
		Clutch	OMIT CLUTCH
Front Axle	20,000# FXL20	Rear Axle	30,000# RS-30-185 Ratio 5.13
Suspension	20,000#	Suspension	30,000# MULTILEAF
Tires	Front: 315/80R22.5 Rear: 12R22.5 <i>Front & Rear</i>	Wheels	22.5x9.0 ALUMINUM DISC <u>STEEL DISC</u> 22.5x8.25 ALUMINUM DISC
Ratings	GVW: 47,120# GCW: 60,000#	Fuel Tanks	LH: 72gal
Fifth Wheel		Sleeper	

PRICING SUMMARY

	Total Price
SELLING PRICE (Excluding Taxes/Fees/Trade)	\$126,679.90
OBD Surcharge	\$590.00
Net FRET or Canadian GST Taxes	\$0.00
Tire Tax Credit (Municipal Only)	(\$269.90)
Sales/Usage Taxes	\$0.00
License/Title/Etc.	
Misc Fees	
Trade	\$0.00
ACQUISITION COST (Include Trade if applies)	\$127,000.00
Less Down Payment	
BALANCE DUE Per Unit	\$127,000.00
PRICE (Total Order)	\$127,000.00
BALANCE DUE (Total Order)	\$127,000.00

✓ 60,000
\$190,000.00

Total Quantity: 1 Estimated Total Weight: 15,032# Reference#: AFXQ052915A

X _____
Prepared For: Customer Signature Date
TOWN OF LUNENBURG

X _____
Presented By: Dealer Signature Date
GREG DAY
BALLARD MACK

WORCESTER, MASS 01604
508 753 1403
greg@ballardmack.com

Phone: --
Fax: --

GU712



Dealer: BALLARD MACK
508 753 1403
Sales Person:
GREG DAY

CHASSIS SPECIFICATIONS

Customer: TOWN OF LUNENBURG
Reference #: AFXQ052915A
Model Year: 2015

ORDER/CUSTOMER/VEHICLE INFORMATION

Initial Registration Location, Massachusetts
Language, English
Idle Emission Certification, Idle Emission Certification - Carb 08
Type Of Service, Municipal
Vehicle Application Class, Heavy Vocational - Unlimited Operation On Concrete, Asphalt, Or Maintained Gravel/Packed Dirt With A Maximum 3% Grade; Limited Operation On Unmaintained Surfaces With Maximum 5% Grade; Limited Operation On Concrete, Asphalt, Or Maintained Gravel/Packed Dirt With Maximum 10% Grade. (3 Axles) 78,000 Lbs (35,281 Kg) Max Gvw. (4 Axles) 80,000 Lbs (36,288 Kg) Max Gvw.
Vehicle Type, Straight Truck With Trailer
Vehicle Use And Body/Trailer Type, Snow Plow. On/Off Hwy
Brake - Stopping Distance, Brake Regulation, Stopping Distance 94M (310FT)
File Status, Sold Order
Price Book Level, 2015A Price Book Level
Product Type, Product Type - CML42R Truck
Product Class, Product Class 28
Back Office Process, Back Office Process

BVS

Chassis (Base Model), GU702 4-WHEEL Truck
Chassis Packaging Solutions, Clear Boc Package 7A Includes: Hhf Emission, B Box LH Rail, Air Tank(S) Under B Box - Remaining On Rail, Cab Mounted Exhaust Requires: 72 Gallon LH Sleeved Fuel Tank, Omit RH Tank,

ENGINE/TRANSMISSION/CLUTCH

Engine, Mack MP7-405M 405 Hp @1500-1900 Rpm (Peak) 1480 Lb Ft. Max Torque @ 1100-1300 Rpm
Transmission, 6 Speed Automatic, Allison 4500-RDS-6 (4.70/0.67) Rugged Duty Series Gen 5 Includes Transmission Cooler, External Oil Cooler, Internal Filter, And Oil Level Sensor
Clutch, Omit Clutch

EXHAUST/EMISSIONS

Dpf, Cleartech Hhf, Dpf & Scr Frame Mtd, Both RH Side Under Cab
Exhaust AFTER-TREATMENT System, Exhaust AFTER-TREATMENT System Diesel Partic Filter Ceramic Passive Regen
Dpf Smart Switch, No Inhibit Dpf Regeneration Switch
Exhaust, Exhaust - Clear Boc, Single (R/S) Vert Exhaust Cab Mounted, Lower Venturi Diffuser, Turned End
Furnish Steel Painted Heat Shield For Frame Mtd Mack Cap Dpf

ENGINE EQUIPMENT

Air Compressor, Meritor/Wabco 318 18.7 CFM
Inside/Outside Air Intake with IN-CAB Control For Snowplows
Alternator, Delco 12V 145A (24SI) BRUSH-TYPE
Batteries, (3) Mack 12V M/F Group 31 650/1950 CCA Threaded Stud

ENGINE EQUIPMENT cont...

Type With Kalas Cables
Bug Screen, Radiator Mounted
To -34 Degrees F (-37 Degrees C)
Mack Coolant Conditioner
Engine Brake; Mack Powerleash
Engine Block Heater, 120V 1500 Watt Engine Block Heater
Fan Drive, Borg Warner Cool Logic Fan Drive (Hdms) Electronically Controlled Variable
FUEL-WATER Separator, Davco 382, (Fluid Htd) Fuel Heater/Water Separator With Vendor Prim & Mack Sec Fuel Filter
Hoses - Radiator/Heater, Mack Brand Epdm Radiator & Heater Hoses
Oil Pan, Corrosion Resistant Oil Pan
Oil Pan Heater, W/O Oil Pan Heater

Electric Preheater

Tether Device, W/O Tether Device

TRANSMISSION EQUIPMENT/DRIVELINES

Clutch Assist (Air), Information Is Not Required
Clutch Pedal, W/O Clutch Pedal
Transmission Bell Housing, Aluminum
W/O Transmission Dustproofing
Transmission Oil Cooler, Ss Cooler Lines
Synthetic Lubricant - Transmission, Transynd Synthetic Lube For Allison Trans
Vocational Package - Allison, Allison Gen 5 Package #223, On/Off Hwy, Shift To Neutral With Parking Brake Engaged
Without Driveshaft Guard For Center Bearing
Driveline - Main, Spicer 1760 With Coated Splines

CAB (A thru G)

Mack (Bergstrom) Integral With Heater Combination Heater/Defroster And Conditioner
Air Restriction Monitor (Intake), W/O Air Restriction Monitor
Dash Control/Power Supply/Local Installation Plow Lamps With Lead Furnish At Grille with 2W/3W Weather Pack Connection
Cab, LH-DRIVE CA68 Conv Cab
Without Cab Cleanout
Cab Mounting, Air Suspension
Certified Weight
Provide (6) Misc Switches (2) 15A Ign, (1) 20A Ign, (1) 10A Ign, (1) 15A Bat, And (1) 20A Bat.
Park Brake And Engine Running Activated
(4) Dome Lamps - Door And Switch Activated
Fender Extensions, Fender Extensions
5LB (Abc Rated/Amerex) Mounted Between LH Seat Base And Door With Valve Aimed Rearward
Without Rear Axle Oil Temperature Gauge
Roadwatch Ambient Air Temp Gauge For Outside And Road Temps

CAB (A thru G) cont...

(Fahrenheit) Note: Road Watch 1 - Display In Driver's Mirror

Gear Shift, Dash Mounted Shifter

Diagonal Grab Handle On Inside Driver's Door

Grille - Hood Air Intake, Grille Painted Gray

CAB (H thru R)

Headliner, Vinyl Covered Foam Padded Headliner

Hood And Fenders, Composite Material - Tilttable With Inspection

Hatch

Painted Hood Latches

Horn - Electric, Single Tone

Identification/Clearance Lights, (5) Trucklite Led Chrome Bullet Type Lamps

IN-DASH Storage, W/O Upper Storage Option

Instrument Cluster Display, CO-PILOT Driver Display, Enhanced 4.5"

Diagonal LCD Display with 4-BUTTON Stalk Control

Instrument Panel, Woodgrain Finish

Interior Trim (Pedigree - Slate Gray) Vinyl Headliner, Cloth/Vinyl Seat

Trim, 2 Netted Storage Compartments And Center Cb Radio

Mounting Provisions In Overhead Console, Rear Panel With

Storage Pouch, Signature Polyurethane Floor Mat, Brushed Nickel

InstrUMENT Panel With Chrome Gauge Bezels, Diamond Pattern

Fabric On Doors, Padded Interior Sun Visors Both Sides, 2 Spoke

Urethane Grip Brushed Nickel Spokes, Brushed Nickle Mack Horn

Cap, Adjustable Tilt/Telescoping Steering Column, Hand Crank

Lh/Rh Windows, 2 General Overhead Lights, 1 Driver Overhead

Light & 1 Map non-glare Overhead Light, 2 12V Power Sources, 2

Cup Holders, 2 Trash Bag Hooks, 2 Coat Hangers, rh Storage

Compartment, Seat Belt Retractors, rh Door Peep Window, Lighted

Door Mounted Map Pocket Lights.

Mirrors - Exterior, Aerodynamic Moto Mirror Package: Rh/Lh

Motorized & Heated

Mirrors - Convex Type, Bright Finish, LH & RH 8.0" Dia Heated;

Mounted Below Lower Arm Of West Coast Mirror

Overhead Console, (2) Storage Compartments And Net Retainers

With Center Mounting For Cb Retainers

Am/Fm Stereo Cd With Weatherband

Radio Antenna - Cb, Single Driver Side

Radio Shutoff, Auto Shutoff For Radio Entertainment System (When

In Reverse)

Emergency Triangle Kit Parallel To Inside Surface Of Riders Seat

Base

CAB (S thru Z)

Seat - Driver, Bostrom Talladega 915 (HI-BACK) Air Suspension

Seat - Rider, Mack Fixed (HI-BACK) With Integral Storage

Compartment

Seat Arm Rests, Inboard Mounted Arm Rest, Driver's Seat Only

Seat Covering, Cloth With Vinyl Trim Driver And Rider

Seat Belts/Retractors, Lap And Shoulder With Cab Mounted Shoulder

Belt With Adjustable D-RING For Driver & Rider Seats

W/O Roof Vent Ventilation

Steering Column, Adjustable Tilt Telescope

Steering Wheel, Two Spoke Urethane Grip Brushed Nickel Spokes,

CAB (S thru Z) cont...

Brushed Chrome Mack Horn Cap

Storage Pouch Rear

Sun Visor, Exterior, Fiberglass (Cab Color)

Sun Visor - Interior, Both Sides (Padded Vinyl)

Turn Signal Switch, Self Cancelling Turn Signals

Window Controls, Power Window Lift With Electric Door Lock, LH & RH

Windshield, 2-PIECE Windshield

Windshield Washer Reservoir, W/O Windshield Washer Option

COMMUNICATIONS SYSTEMS

Guarddog Connect With Diagnostic Services

FRAME EQUIPMENT/FUEL TANKS

Bumper - Front, EXT.-SWEPT BACK-STEEL Channel 122.5"/3112 mm BBC

Crossmembers, Boc And Intermediate(S) Steel Hd BACK-TO-BACK Channel

Crossmember (Behind Rear Axle), W/O Optional Crossmembers

Behind Rear Axle/Bogle

Without Fifth Wheel Mounting Angles

Front Frame Extension, 20" For Snow Plow Mount (Cont' Parent Rail)

With Tilt With Inspection Hatch Type Hood with SWEPT-BACK

Steel Bumper.

Towing Device - Front, Hooks

Fuel Tank - LH, 72 Gallon (276 L) Aluminum 26" Diameter

Fuel Tank - RH, Omit RH Standard

Fuel Tanks - Bright Finish, W/O Special Finish Fuel Tank

Standard Finish Steps And Bright Finish Straps - Fuel Tank

8.7 Gallon (33 L) Def Tank

Without Def Tank Cover

W/O Fuel Line Option

W/O Isolated Tank(S)

FRONT AXLE/EQUIPMENT/TIRES

Front Axle, 20000# (9072kg) Mack FXL20 Wide Pivot Center

Tires Brand/Type - Front, Bridgestone - Tubeless Radial Ply, (2)

315/80R22.5 20 L M860A (All Pos)

Wheels - Front, Aluminum Disc

(2) 22.5x9.0 Alcoa Lvl One, 10-HOLE Hub Piloted (11 1/4"/286mm

Bc) 5.96" Inset, #89464X

Wheels - Polished (Front), Machine Clean BUFFED-ALL Wheels

Brakes - Front, Meritor "S" Cam Type 16.5" X 6" Q+

Brake Drums - Front, Cast Outboard Mounted

Hubs - Front, Ferrous

Slack Adjusters - Front, Haldex - Automatic

Springs - Front, Mack Multileaf 20000# (9072kg) Ground Load Rating

Steering, Sheppard SD110 + HD94

Protective Nylon Spacer Between Discs Wheel To Drum

REAR AXLE/EQUIPMENT/TIRES/RATIOS

Rear Axle, 30000# (13608kg) Meritor RS-30-185 Single Reduction

Tires Brand/Type - Rear, Bridgestone - Tubeless Radial Ply, (4)

12R22.5 16 H L320 (Traction)

Carrier/Ratio - Rear Axle, Malleable Housing, 5.13 Ratio

Wheels - Rear, Aluminum Disc

REAR AXLE/EQUIPMENT/TIRES/RATIOS cont...

(4) 22.5x8.25 (210 mm) Alcoa Lvl One 10-HOLE Hub Piloted (11 1/4" 286mm Bolt Circle)

Wheels - Polished (Rear), Machine Clean Buffed - All Wheels

Brakes - Rear, MERITOR-CAM - 16.5"x7" P Brakes

Brake Drums - Rear, Cast Outboard Mounted

Hubs - Rear, Ferrous

Slack Adjusters - Rear, Haldex - Automatic

Suspension - Rear, 30000# Multileaf With Helper No ANTI-SWAY

Rear Brake Chambers Size 36/36 Type

Locking Main Differential, Driver Controlled

Furnish Protective Nylon Spacer Between Discs & Wheel To Drum

FRAME/WHEELBASE/PLATFORM

Wheelbase, 180" (4572 mm) WB 92" CA (2336 mm)

Platform, 148" LP (3759 mm) 56" AF (1430 mm) Used With 180" WB

Frame Rails, 11.811" X 3.54" X .44" (300 X 90 X 11.1mm) Steel

Section Modulus: 23.5 Cu In/Rbm 2,820,000 In Lbs Per Rail

Frame Reinforcement - Inside, W/O 5MM Inside Channel Reinforcement

AIR/BRAKE

Air Dryer, Meritor/Wabco Heated Air Dryer, 1200 With Coalescing Oil Filter

W/O Relocated Air Tanks

Air Reservoirs, Aluminum, Standard Finish

ANTI-LOCK Brake System, Meritor/Wabco Without Automatic Traction Control

Air Control Valves - Vendor, Meritor/Wabco Switches And Valves Where Possible

Drain Valves, Automatic Drain Valve, Heated, On Supply Tank, With Lanyards On All Other Tanks

W/O Trailer Access Package

TRAILER CONNECTIONS

Trailer Air Connections, Trailer Air Brake Connections, End Of Frame Without Hose Tender

W/O Trailer Air Hoses

W/O Trailer Electrical Cable

Trailer Electrical Receptacle, Single 7 Pins Std Sae Type, End Of Frame

Omit Trailer Connectors Holder

ELECTRICAL

BACK-UP Alarm, Ecco BACK-UP Alarm 575 Constant Sound Level 107 Db

Dash Mtd, Indicator Body/Hoist Up "BODYBUILDER LAMP"

Chassis & Power Harness With Heavy Duty Casing

"BODY LINK" Iii With Cab PASS-THRU

Rear Lighting, Furnish Rear Lighting

Work Lights, Rh/Lh Led Work Light (Steps & Ground) On Both Sides Truck

PAINT

Paint - Cab Exterior, Single Color, Omaha Orange [pgg: L6389]

Paint - Chassis Running Gear, Mack Black (Urethane)

Paint - Bumper, Same As Chassis Running Gear

PAINT PROCESS CODES

Same Color As Chassis Running Gear (5ZB-A1X)

Chassis Running Gear - Std Color (Mack Black) (6AB-Z1X)

W/O Paint For Fuel Tank (7HB-Z1X)

W/O Custom Paint For Hub&drum/Spokes (5YB-Z1X)

W/O Custom Painted Front/Rear Rim/Wheel (6BB-Z1X)

PTO/SPECIALTY/ADDITIONAL EQUIPMENT

PTO - Crankshaft Adapter, 1350 Series Flange (Does Not Include Front Frame Extension)

PTO - Rear Engine (Repto), Without Rear Engine Power Take Off Torque Converter TC541

W/O Special Decals

V-MAC IV PROGRAMMABLE PARAMETERS

Daytime Running Lights Without Override Switch

Fuel Economy Incentive For Use With Instrument Cluster Display (C0J 0002)

Governor Settings For Use With Automatic Transmissions

DEALER INFORMATION

Engine Warranty, 2YR/250,000 Miles Engine Warranty US10

Prep Chassis With Fender Mirrors

Marketing Promotion, Allison

SOFT PRODUCTS/BULLDOG PROTECTION

2 Years Coverage

ESTIMATED WEIGHT TOTAL(s)

Front 8130#, Rear 6902#, Total 15032#

6-wheel

J.C. MADIGAN INC.
450 OLD UNION TURNPIKE
LANCASTER, MA.

SALES DEPT.
TEL.(978)847-2900
FAX(978)847-0068

QUOTE :TOWN OF LUNENBURGH HWY DEPT

TO JACK RODRIQUENZ

FROM JOHN DWYER

- 1) 11 FT (6 TO 8 CU YD) AR450 HARDOX STEEL MONOSHELL DUMP BODY BiBEAU MODEL BMT-3042 WITH A MAILHOT TELESCOPIC HOIST AND 1/4" AR450 FLOOR INSTALLED ON A TOWN SUPPLIED CHASSIS UNDERCOATED AND PAINTED ONE COLOR
 - A) 36" STEEL CABSHIELD W/ RECESSED LED FLASHERS
 - B) REAR CORNER POST RECESSED LED FLASHERS
 - C) 1/4" AR450 HARDOX STEEL FLOOR
 - D) PINTLE PLATE WITH PINTLE, D-RINGS, GLADHANDS, AND TRAILER PLUG
 - E) AERO AUTOMATIC TARPING SYSTEM W/ ALUM. ARMS
 - F) BACKUP AND LIFT ALARMS WITH LED REQUIRED LIGHTING
 - G) BODY SAFETY PROPS / SANDER MOUNTING PLATES
 - H) REAR AND FRONT REAR WHEEL MUDFLAPS
 - I) (3) TAILGATE MOUNTED COAL DOOR / SHOVEL HOLDER
 - J) DRIVER'S SIDE ACCESS LADDER
 - K) WOOD SIDEBOARDS 2" X 8"

- 2) TRANSMISSION MOUNTED CENTRAL HYDRAULIC SYSTEM WITH HOTSHIFT PTO, IN-CAB MOUNTED LEVER CONTROLS TO OPERATE DUMP, 4-WAY PLOW, AND POWER BEYOND (2FFL MANUAL CONTROLS).
 - A) 40 GALLON STEEL HYDRAULIC TANK WITH VENTED CAP, SIGHT GLASS, GATE VALVE SHUTOFF, AND SPIN-ON FILTER SYSTEM.
 - B) SANDER QUIK DISCONNECTS PIPED TO THE REAR WITH STAINLESS
 - C) LOWER THE HEIGHT OF THE DUMP HANDLE

3) EVEREST CUSTOM LO-MOUNT PLOW FRAME
INSTALLED W/ HOOD MOUNTED PLOWLIGHTS

4) 11' 45" HIGH TRIP EDGE 10 GAUGE STEEL
MOLDBOARD SNOW PLOW EVEREST MODEL
R132TEL45SH WITH HYDRAULIC REVERSING MODE,
CURB AND WEAR SHOES, GUIDEPOLES, AND CUTTING
EDGE INSTALLED.

5) 10' 7.0 CUYD 304 STAINLESS STEEL HI-WAY MATERIAL
SPREADER MODEL E-2020-XT INSTALLED IN THE DUMP
BODY ABOVE WITH THE FOLLOWING ITEMS

- A) FRONT AND REAR STAINLESS SPILLSHIELDS
- B) HEAVY DUTY MATERIAL SCREENS
- C) EXTENDED GREASE LINES AND IDLER ADJUSTERS
- D) DUMP BODY MOUNTING KIT W/ PT RUNNERS
- E) REAR MOUNTED STAINLESS LIGHTBAR W/ LED FLASHERS
- F) (2) SPINNER CHUTE MOUNTED WORKLIGHTS

BUDGET PRICE \$60,250.00

OPTIONS:

- A) OWSK9-HD-CT ONE WAY PLOW ILO OF R132TEL45SH
POWER ANGLE CREDIT PRICE ABOVE (\$2250.00)
- B) EVEREST FULL HYDRAULIC PATROL WING W/ 12' WING
BLADE ADD \$15,000.00

APPROVAL _____ DATE _____

PO# _____

How to Use the Heavy Duty Vehicle Statewide Contract

Contract #: VEH93

Contract Duration: 03/18/2013 to 03/17/2015

MMARS #: VEH93* - Options to renew: (2) 24 month options

Contract Manager: Jim Ferri - 617-720-3168 James.Ferri@state.ma.us

This contract contains **SDO Certified Prime Vendors, Supplier Diversity Program and Prompt Pay Discount**

Last change date: **05/17/13**

Contract Summary

This statewide contract provides for the sale and service of heavy duty vehicles. Currently the contract contains six vendors offering four different manufacturers trucks: Freightliner, International, Mack and Peterbilt and six vendors offering six different manufacturers of front end wheel loaders: Case, Catapillar, John Deere, Komatsu, JCB and Volvo.

Benefits and Cost Savings

The statewide contract provides pricing for the following:

- Fixed pricing for Freightliner, International, Mack and Peterbilt trucks (as specified) for the first year of the contract.
- Fixed pricing for Case, Catapillar, John Deere, Komatsu, JCB and Volvo loaders (as specified) for the first year of the contract.
- Fixed hourly rate for repair services for the initial term of the contract.
- Fixed discount for parts for the initial term of the contract.
- Vendors who offer roadside/emergency repair services.
- Vendors who offer repair services during snow emergencies.

Who Can Use This Contract?

Applicable Procurement Law: MGL c. 7, § 22; c. 30, § 51, § 52; 801 CMR 21.00

Eligible Entities:

- Cities, towns, districts, counties and other political subdivisions
- Executive, Legislative and Judicial Branches, including all Departments and elected offices therein;
- Independent public authorities, commissions and quasi-public agencies
- Local public libraries, public school districts and charter schools;
- Public Hospitals, owned by the Commonwealth;

- Public institutions of high education
- Public purchasing cooperatives;
- Non-profit, UFR-certified organizations that are doing business with the Commonwealth;
- Other states and territories with no prior approval by the State Purchasing Agent required; and
- Other entities when designated in writing by the State Purchasing Agent.

Pricing and Purchase Options

Purchase Options: Purchases made through this contract will be direct, outright purchases.

How to use the contract

The intent of this contract is to provide contract users with the ability to purchase a standard base truck or loader as specified at the listed price or allow contract users to modify the base specifications and request quotes from the awarded dealers for heavy duty trucks (GVWR over 26,001) or front end wheel loaders.

Contract users have the option of purchasing the truck as specified at the price listed or modifying the base specifications and requesting quotes from a minimum of three of the awarded vendors for the manufacturers listed on the contract. Vendors are only authorized to sell or provide quotes for the manufacturer of their approved base model.

This contract does not include the purchase of specialized equipment such as a zamboni, elgin street sweepers or fire engines.

In addition, if a contract user is interested in purchasing one of the trucks which has a pre-negotiated fixed price but is offered by multiple dealers, we encourage you to request best pricing. This may result in lower pricing.

For alternative or additional after-market equipment/components which total more than \$5,000, contract users must seek a minimum of three quotes from awarded vendors.

This contract does not allow for the purchase of after-market equipment/components for *existing* vehicles.

In addition to vehicles for sale, this contract has pre-negotiated pricing for repair and parts discount.

Prior to new vehicle acceptance, contract users are strongly encouraged to inspect the vehicle to ensure all items are in accordance with the specifications.

Price & Acquisition – A spreadsheet with pricing and vendor information has been posted under the “forms and terms tab”.

Additional information regarding each vendor has been posted under the “vendor tab for each vendor.