

CUTTING EDGES, SANDER CHAINS & SHOES

TERM CONTRACT: Date of award – 5/31/2023

Bid Date: 11/17/2022

Delivery Time: 21 days

Chemung Supply Corp., PO Box 527, Elmira, NY 14902 (607) 733-5506 / (607) 732-5379
 Expanded Supply Products, Inc., 3330 Rte. 9, Cold Spring, NY 10516 (845) 265-3771 / (845) 265-3772
 George & Swede, 7155 Big Tree Road, Pavilion, NY 14525 (585) 584-3425 / (585) 584-8853
 Lacial Equipment, Inc., 901 West Pike Street, Jackson Center, Ohio 45334 (800) 543-6161 / (937) 596-5433
 Rusert Equipment, LLC, PO Box 1131, Orchard Park, NY 14127 (716) 310-7774 / (716) 667-2325

ABRASION RESISTANT STEEL CUTTING EDGE; shall be at least C-1084	Chemung Supply	Expanded Supply	George & Swede	Lacial Equipment	Rusert Equipment
Section--Snow Plow ; reversible for double wear, 5/8" diameter holes shall be punched 12" on-center 11' Edge @ 5/8" x 8"	\$ 200.00 / 11' sec.	NO BID	NO BID	NO BID	NO BID
Section--Snow Plow Edges 5/8" diameter holes shall be punched 12" on-center • and 1-1/2" from top edge to center of hole - 13' Edge @ 5/8" x 6"	\$ 185.00 / 13' sec.	NO BID	NO BID	NO BID	NO BID
5/8" diameter holes shall be punched 12" on-center • and 1-1/2" from top edge to center of hole - 11' Edge @ 5/8" x 6"	\$ 160.00 / 11' sec.	NO BID	NO BID	NO BID	NO BID
5/8" diameter holes shall be punched 12" on-center • and 2" from top edge to center of hole - 11' Edge @ 5/8" x 6"	\$ 160.00 / 11' sec.	NO BID	NO BID	NO BID	NO BID
Section--Grader ; double bevel curved 5/8" x 6"	\$ 195.00 / 11' sec.	NO BID	NO BID	NO BID	NO BID

SNOW PLOW EDGES	Chemung Supply	Expanded Supply	George & Swede	Lacial Equipment	Rusert Equipment
Meyers BBMPIPBOU29 5/8" x 6" x 8'	\$ 115.00 / 8' sec.	NO BID	NO BID	NO BID	NO BID
Fisher 3507 10' Edge	\$ 140.00 / 10' sec.	NO BID	NO BID	NO BID	NO BID
Western 58818 - 13" Center Hole Punch 8' Edge	\$ 115.00 / 8' sec.	NO BID	NO BID	NO BID	NO BID

AWARDED BY THE PUBLIC WORKS COMMITTEE ON 12/05/2022

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HARDENED CUTTING EDGES; Rockwell C hardness range 57-67 on wear portion of blade. Minimum C-1074 steel. Minimum chemical composition specifications: Carbon 0.70-0.80; Manganese 0.50-0.90; Sulfur 0.05 max.; Phosphorus 0.05 max.; Silicone 0.03 max.	Chemung Supply	Expanded Supply	George & Swede	Lacal Equipment	Rusert Equipment
Section-Snow Plow • 5/8" diameter holes shall be punched 12" on-center • 3/4" x 8"	NO BID	NO BID	NO BID	NO BID	NO BID
• 5/8" diameter holes shall be punched 12" on-center • 1" x 8"	NO BID	NO BID	NO BID	NO BID	NO BID
Section-Snow Plow Edges • 5/8" diameter holes shall be punched 12" on-center <u>and</u> 1-1/2" from top edge to center of hole 3/4" x 6"	NO BID	NO BID	NO BID	NO BID	NO BID
• 5/8" diameter holes shall be punched 12" on-center <u>and</u> 2" from top edge to center of hole 3/4" x 6"	NO BID	NO BID	NO BID	NO BID	NO BID
HARDENED CUTTING EDGES; Rockwell C hardness range 57-67 on wear portion of blade. Minimum C-1074 steel. Minimum chemical composition specifications: Carbon 0.70-0.80; Manganese 0.50-0.90; Sulfur 0.05 max.; Phosphorus 0.05 max.; Silicone 0.03 max.					
Section--Grader Double Bevel Curved 3/4" x 6"	\$ 24.00 / ft.	NO BID	NO BID	NO BID	NO BID
Double Bevel Curve 3/4" x 8"	\$ 32.00 / ft	NO BID	NO BID	NO BID	NO BID
Section—Wing Edges; 5/8" diameter holes shall be punched 12" on-center 3/4" x 6	NO BID	NO BID	NO BID	NO BID	NO BID

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CARBIDE TYPE CUTTING EDGE; shall be carbide insert type with the cutting edge fabricated from AISI 1020 steel (minimum), 3/4" x 6", and shall have sintered tungsten carbide inserts, approximatedly 1" wide x 9'16" thick, running the entire length of the cutting edge.	Chemung Supply	Expanded Supply	George & Swede	Lacal Equipment	Rusert Equipment
Section--Grader					
5 hole punch; 5/8" diameter holes shall be punched 12" on-center and 1-1/2" from top edge to center of hole. 3' x 3/4" x 6"	\$ 187.50 / 3' sec.	NO BID	NO BID	NO BID	NO BID
5 hole punch; 5/8" diameter holes shall be punched 12" on-center and 2" from top edge to center of hole 3' x 3/4" x 6"	\$ 187.50 / 3' sec.	NO BID	NO BID	NO BID	NO BID
6 hole punch; 5/8" diameter holes shall be punched 12" on-center and 1-1/2" from top edge to center of hole 4' x 3/4" x 6"	\$ 250.00 / 4' sec.	NO BID	NO BID	NO BID	NO BID
6 hole punch; 5/8" diameter holes shall be punched 12" on-center and 2" from top edge to center of hole. 4' x 3/4" x 6"	\$ 250.00 / 4' sec.	NO BID	NO BID	NO BID	NO BID
Section--Wing Edges; 5/8" diameter holes shall be punched 12" on-center 3/4" x 6"	\$ 61.20 / ft.	NO BID	NO BID	NO BID	NO BID
Polar Flex Blade System for a 11 ft. one way plow complete with hardware.	NO BID	NO BID	NO BID	NO BID	\$ 2,718.00 / each
XWS-115FM-F Carbide Replacement Nose	NO BID	NO BID	NO BID	NO BID	\$ 175.00 / each
XWS – 12-F Polar Flex 12" Carbide Replacement Segments	NO BID	NO BID	NO BID	NO BID	\$ 150.00 / each

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STEEL SHOES; Shall be of at least Grade C-1060 Steel.	Chemung Supply	Expanded Supply	George & Swede	Lacal Equipment	Rusert Equipment
Frame Shoes - #3232-1A	\$ 74.00 / each	NO BID	NO BID	NO BID	NO BID
Frame Shoes - Frink ST910	\$ 110.00 / each	NO BID	NO BID	NO BID	NO BID
Frame Shoe Adapter Bracket - Frink ST912	\$ 89.00 / each	NO BID	NO BID	NO BID	NO BID
Moldboard Shoes - #OST 600 - 45°	\$ 78.00 / each	NO BID	NO BID	NO BID	NO BID
Moldboard Shoes - #OST 620	\$ 59.00 / each	NO BID	NO BID	NO BID	NO BID
Moldboard Shoes - #ST610 - 60°	\$ 91.00 / each	NO BID	NO BID	NO BID	NO BID
Moldboard Shoes - #ST610 - 45°	\$ 75.00 / each	NO BID	NO BID	NO BID	NO BID
Moldboard Shoes - #ST660	\$ 89.00 / each	NO BID	NO BID	NO BID	NO BID
Moldboard Shoes - #OST675-60°	\$ 99.00 / each	NO BID	NO BID	NO BID	NO BID
Moldboard Shoes - #ST612	\$ 74.00 / each	NO BID	NO BID	NO BID	NO BID
Frink Nose Piece - #3442-32A	\$ 55.00 / each	NO BID	NO BID	NO BID	NO BID
Viking Nose Piece - #VKI-PP0075	\$ 57.00 / each	NO BID	NO BID	NO BID	NO BID
Everest 1 Way Nose Piece - #ST-880	\$ 59.00 / each	NO BID	NO BID	NO BID	NO BID
8-9" Wing Shoe - #F04050-1	\$ 84.00 / each	NO BID	NO BID	NO BID	NO BID
12" Wing Shoe - #0004-7-19	\$ 84.00 / each	NO BID	NO BID	NO BID	NO BID
12" Universal Wing Shoe 12" ST450	\$ 84.00 / each	NO BID	NO BID	NO BID	NO BID
Mounting Block Only ST460	\$ 22.00 / each	NO BID	NO BID	NO BID	NO BID
Replacement Block Only NI450	\$ 49.00 / each	NO BID	NO BID	NO BID	NO BID
Angled Wing Shoe 12" ST500	\$ 87.00 / each	NO BID	NO BID	NO BID	NO BID

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CAST IRON SHOES; cast iron shoes shall have a Brinell Hardness 215	Chemung Supply	Expanded Supply	George & Swede	Lacal Equipment	Rusert Equipment
Frame Shoes - #3232-1A	\$ 69.00 / each	NO BID	NO BID	NO BID	NO BID
Wing Shoes 12" – GC11	\$ 77.00 / each	NO BID	NO BID	NO BID	NO BID
Mushroom Frame Shoe -#PNS-10	\$ 83.00 / each	NO BID	NO BID	NO BID	NO BID

CARBIDE SHOES					
Frame Shoe - #Kennametal KCWB0167	\$ 320.40 / each	NO BID	NO BID	NO BID	NO BID

NI-HARD FRAME SHOES					
NI-100	NO BID	NO BID	NO BID	NO BID	NO BID
NI-200	NO BID	NO BID	NO BID	NO BID	NO BID
NI-500	\$ 184.00 / each	NO BID	NO BID	NO BID	NO BID
NI-1000	\$ 174.00 / each	NO BID	NO BID	NO BID	NO BID

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LOADER CUTTING EDGES	Chemung Supply	Expanded Supply	George & Swede	Lacal Equipment	Rusert Equipment
John Deere 644E – Set #1--shall be comprised of the following: Part#T-101939; quantity = 2 Part#T-101940; quantity = 2	NO BID	NO BID	NO BID	NO BID	NO BID
John Deere 644D - Set #1--shall be comprised of the following: Part #T-76979; quantity = 1 Part #T-76980; quantity = 2	NO BID	NO BID	NO BID	NO BID	NO BID
John Deere 644G - Set #1--shall be comprised of the following: Part #T-130078 DuraMax; quantity = 1 Part #T-130079 DuraMax; quantity = 2	NO BID	NO BID	NO BID	NO BID	NO BID
John Deere 755C - Set #1--shall be comprised of the following: Part #AT 301551; quantity = 2 Part #AT 305970; quantity = 2	NO BID	NO BID	NO BID	NO BID	NO BID
Fiat Allis - Set #1--shall be comprised of the following: Part #73064171; quantity = 1 Part #73064139; quantity = 2	NO BID	NO BID	NO BID	NO BID	NO BID
Fiat Allis - Set #2--shall be comprised of the following: Part #76011739; quantity = 1 Part #76012763; quantity = 2	NO BID	NO BID	NO BID	NO BID	NO BID
Dae Woo Set #1--shall be comprised of the following: Part #4713-1226; quantity = 1 Part #4713-1227; quantity = 2	NO BID	NO BID	NO BID	NO BID	NO BID
Dae Woo Set #2--shall be comprised of the following: A.C.S. Kit #75506920; 3 pieces	NO BID	NO BID	NO BID	NO BID	NO BID
Caterpillar - Part #8E5793; Edge	NO BID	NO BID	NO BID	NO BID	NO BID
Part #3G6395; End	NO BID	NO BID	NO BID	NO BID	NO BID
Part #4V3127; Heel	NO BID	NO BID	NO BID	NO BID	NO BID
Part #1U600; Edge	NO BID	NO BID	NO BID	NO BID	NO BID
Part #5V1783; End	NO BID	NO BID	NO BID	NO BID	NO BID
Part #5V1784; End	NO BID	NO BID	NO BID	NO BID	NO BID
Section--Bolt on Loader Edges 7/8" x 10"	NO BID	NO BID	NO BID	NO BID	NO BID

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GRADALL CUTTING EDGES	Chemung Supply	Expanded Supply	George & Swede	Lacal Equipment	Rusert Equipment
Part #8365-1271	NO BID	NO BID	NO BID	NO BID	NO BID
Part #23996	NO BID	NO BID	NO BID	NO BID	NO BID

DOZER CUTTING EDGES	NO BID	NO BID	NO BID	NO BID	NO BID
John Deere-Set #1 --shall be comprised of the following: Part #4T-6229; quantity =2 Part #4T-6232; quantity = 2	NO BID	NO BID	NO BID	NO BID	NO BID
John Deere-Set #2 --shall be comprised of the following: Part #9W-1878; quantity = 2 Part #6Y-4410; quantity = 1 Part #6Y-4411; quantity = 1	NO BID	NO BID	NO BID	NO BID	NO BID
John Deere-Set #3 --shall be comprised of the following: Part #T120979; quantity = 1 Part #T162841; quantity = 2	NO BID	NO BID	NO BID	NO BID	NO BID
Caterpillar D4-Set #1 --shall be comprised of the following: Part #4T 6229; quantity = 2 Part #4T 6232; quantity = 2	NO BID	NO BID	NO BID	NO BID	NO BID
Caterpillar D5-Set #1 --shall be comprised of the following: Part #8E9377 Edge; quantity = 2 Part #8E9378 End bit; quantity = 1 Part #8E9379 End bit; quantity = 1	NO BID	NO BID	NO BID	NO BID	NO BID
Caterpillar D6 -Set #1 --shall be comprised of the following: Part #9W1878; quantity = 2 Part #6Y4410; quantity = 1 Part #6Y4411; quantity = 1	NO BID	NO BID	NO BID	NO BID	NO BID

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DOZER CUTTING EDGES	Chemung Supply	Expanded Supply	George & Swede	Lacal Equipment	Rusert Equipment
Caterpillar - Part #9W3762; Edge	NO BID	NO BID	NO BID	NO BID	NO BID
Part #9W3092; Edge	NO BID	NO BID	NO BID	NO BID	NO BID
Part #9W3114; End	NO BID	NO BID	NO BID	NO BID	NO BID
Part #9W3117; End	NO BID	NO BID	NO BID	NO BID	NO BID
Komatsu D39 Set #1--shall be comprised of the following: Part #112-946-150; quantity = 2 Part #12F-70-31261; quantity = 1 Part #12F-70-31251; quantity = 1	NO BID	NO BID	NO BID	NO BID	NO BID
Komatsu D65 Set #1--shall be comprised of the following: Part #130-70-41130; quantity = 1 Part #130-920-2180; quantity = 1 Part #175-71-22272; quantity = 1 Part #175-71-22282; quantity = 1	NO BID	NO BID	NO BID	NO BID	NO BID

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TRASH COMPACTOR CUTTING EDGES	Chemung Supply	Expanded Supply	George & Swede	Lacal Equipment	Rusert Equipment
Bomag Compactor Set #1 - shall be comprised of the following: Part #50060834-20; quantity = 2 Part #50060834-21; quantity = 1 Part #50060834-22; quantity = 1 Part #83201004; quantity = 1	NO BID	NO BID	NO BID	NO BID	NO BID
Caterpillar					
Part #4T6505; End	NO BID	NO BID	NO BID	NO BID	NO BID
Part #4T6506; End	NO BID	NO BID	NO BID	NO BID	NO BID
Part #4T6515; Edge	NO BID	NO BID	NO BID	NO BID	NO BID
Part #6J5340; Edge	NO BID	NO BID	NO BID	NO BID	NO BID
Part #9J5228; Edge	NO BID	NO BID	NO BID	NO BID	NO BID
Part #1U181; End	NO BID	NO BID	NO BID	NO BID	NO BID
Part #1U182; End	NO BID	NO BID	NO BID	NO BID	NO BID

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SKID STEER CUTTING EDGES	Chemung Supply	Expanded Supply	George & Swede	Lacal Equipment	Rusert Equipment
Case - Part #D125644; Edge	NO BID	NO BID	NO BID	NO BID	NO BID

TRACTOR BACKHOE CUTTING EDGES					
New Holland - Part #85801044; Edge	NO BID	NO BID	NO BID	NO BID	NO BID

TRACK EXCAVATOR TEETH					
Caterpillar - Part #9W8452FG; Tooth	NO BID	NO BID	NO BID	NO BID	NO BID
Part #8E6359; Retainer	NO BID	NO BID	NO BID	NO BID	NO BID
Part #6Y2527; Pin	NO BID	NO BID	NO BID	NO BID	NO BID
Volvo - Part #V435DX; Tooth	NO BID	NO BID	NO BID	NO BID	NO BID
Part #V43PN; Pin	NO BID	NO BID	NO BID	NO BID	NO BID

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RUBBER SNOW PLOW BLADE	Length	Chemung Supply	Expanded Supply	George & Swede	Lacal Equipment	Rusert Equipment
Highly Abrasive Resistant, 60 Durometer, Natural Rubber Stock Characteristics: Tensile Strength - 2400 lbs./sq.in. Shore "A" Hardness - 60 Specific Gravity – 1.135 typical Typical Elongation- -35% max - 1 1/2" Thickness x 10" Width - if purchased, this product shall be purchased in 11 foot <u>and</u> 12 foot lengths; length(s) shall be specified at the time of order. Must be flat not rolled. Specification sheets must accompany bid.	11 ‘	\$ 30.00 / ft.	NO BID	NO BID	\$ 45.49 / ft.	NO BID
	12’	\$ 30.00 / ft.	NO BID	NO BID	\$ 45.49 / ft.	NO BID

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SANDER CHAINS Weight per foot 1.860 lb., Average Ultimate Strength 21,700 lb., Maximum recommended working load 3,000 lb.	Chemung Supply	Expanded Supply	George & Swede	Lacal Equipment	Rusert Equipment
BWS SANDER: D667X Pintle Link, 17 7/8 center to center of chain Bar Flight - 3/8" x 1 1/2" Bar Flight Location – every link Length – 30 ft.	\$ 1,900.00 / per set	\$ 1,270.00 / per set	\$ 1,170.00 / per set	\$ 2,450.00 / per set	NO BID
HARDER SANDER: D667X Pintle Link, 18 1/4" center to center of chain Bar Flight – 3/8" x 1 1/2" Bar Flight Location – every link Length – 30 ft.	\$ 1,990.00 / per set	\$ 1,370.00 / per set	\$ 1,170.00 / per set	\$ 2,450.00 / per set	NO BID
MONROE SANDER: V Body, D667X Pintle Link, 20 1/4" center to center of chain Bar Flight – 3/8" x 1 1/2" Bar Flight Location – every link Length – 38 ft.	\$ 2,400.00 / per set	\$ 1,635.00 / per set	\$ 1,558.00 / per set	\$ 2,550.00 / per set	NO BID
TARCO SANDER CHAIN: D667X link, 16" center to center of chain Bar Flight – 3/8" x 1 1/4" Bar Flight Location – every link Length – 30 ft.	\$ 1,680.00 / per set	\$ 1,245.00 / per set	\$ 1,170.00 / per set	\$ 2,450.00 / per set	NO BID
SANDER CHAINS Weight per foot 2.440 lb., Average Ultimate Strength 29,700 lb., Maximum recommended working load 4,000 lb.					
AIR FLOW SANDER – V Body, D667K Pintle Link, 20" center to center of chain Bar Flight – 3/8" x 1 1/2" Bar Flight Location – every link Length – 38 ft.	\$ 2,650.00 / per set	\$ 1,780.00 / per set	NO BID	\$ 2,850.00 / per set	NO BID

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SANDER CHAINS Weight per foot 2,300 lb., Average Ultimate Strength 26,900 lb., Maximum recommended working load 4,000 lb.	Chemung Supply	Expanded Supply	George & Swede	Lacal Equipment	Rusert Equipment
M & G SANDER CHAIN – D88K Link, 16” center to center of chain Bar Flight – 3/8 “ x 1 ½ “ Bar Flight Location – every link Length – 30 ft.	\$ 1,720.00 / per set	\$ 1,685.00 / per set	\$ 1,350.00 / per set	\$ 2,850.00 / per set	NO BID
VIKING SANDER CHAIN – 667X Link, 14” center to center of chain Bar Flight – 3/8” x 1 ½ “ weld both sides Bar Flight Location – every link Lenth-30 ft.	\$ 1,840.00 / per set	\$ 1,220.00 / per set	\$ 1,155.00 / per set	\$ 2,450.00 / per set	NO BID
ONE WAY PLOW MOLDBOARDS					
Frink Moldboard – 640 SCKHD (3/16” or 7 gauge) Skin	NO BID	NO BID	NO BID	NO BID	NO BID
Viking Moldboard – 2564 HSE9 (3/16” or 7 gauge)	NO BID	NO BID	NO BID	NO BID	NO BID