Bid 166000-2019-B 9/4/2019 Winter Equipment Company, Inc Willoughby, OH 1010

	9/4/2019			1010				
Material	Primary Mfg Part Number	Description	Estimated Quantity (1-year usage)	Lead Time (days or weeks)	Vendor Product Number	Unit Price	Estimated Total Price	
LOT 2: Bla	de System							
10878	CF40585 JOMA	BOLT, CARRIAGE, 5/8 IN11 X 4 IN., GRADE 8, FOR BLADE SYSTEM	750 EA	14 Days	CF40585 WINTER EQUIPMENT	\$1.28	\$960.00	
10879	PB30475 JOMA	BOLT, PLOW, 5/8 IN11 X 2 1/2 IN., GRADE 8, FOR CARBIDE ADAPTOR BLADE PLOW BLADE SYSTEM	400 EA	14 Days	PB30475 WINTER EQUIPMENT	\$0.65	\$260.00	
11503	NS-111-JM-UA IRONHAWK	NOSE PIECE, NUMBER 38 MODIFIED FOR JOMA BLADES, 1020 GRADE CARBON STEEL, MOLDBOARD SECTION IS 3/4 IN. THICK, PLOW SIDE IS 1 IN. THICK, 3 HOLES, ONE ON MOLD- BOARD SECTION, AND TWO ON PLOW SIDE SECTION, PUNCHINGS SHALL BE 11/16 INCH SQUARE HOLES, WITH THE HOLES COUNT- ERSUNK 80 TO 82 DEGREES, .120 INCH MINIMUM DEPTH TO .180 INCH MAXIMUM DEPTH TO RECEIVE A 5/8 IN. DIAMETER PLOW BOLT, SUPPLIED 2 UNASSEMBLED PIECES, ZIP TIED TOGETHER, AS PER ATTACHED DRAWING	25 EA	21 Days	NP40111-JM WINTER EQUIPMENT	\$56.44	\$1,411.00	
11504	NS-110-JM-UA IRONHAWK	NOSE PIECE, NUMBER 53 MODIFIED FOR JOMA BLADES, 1020 GRADE CARBON STEEL, MOLDBOARD SECTION IS 3/4 IN. THICK, PLOW SIDE IS 1 IN. THICK, 2 HOLES, ONE ON MOLD- BOARD SECTION, AND ONE ON PLOW SIDE SECTION, PUNCHINGS SHALL BE 11/16 INCH SQUARE HOLES, WITH THE HOLES COUNT- ERSUNK 80 TO 82 DEGREES, .120 INCH MINIMUM DEPTH TO .180 INCH MAXIMUM DEPTH TO RECEIVE A 5/8 IN. DIAMETER PLOW BOLT, SUPPLIED 2 UNASSEMBLED PIECES, ZIP TIED TOGETHER, AS PER ATTACHED DRAWING	15 EA	21 Days	NP40110-JM WINTER EQUIPMENT	\$56.44	\$846.60	
11993	AB36A7 IRONHAWK	CARBIDE ADAPTOR BLADE, 3/4 IN. X 7 IN. X 36 IN., 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE	20 EA	14-21 Days	CB3031523JAB WINTER EQUIPMENT	\$291.33	\$5,826.60	
11994	LE36 IRONHAWK	BLADE, 7/8 IN. X 6 IN. X 36 IN. FOR 3 FT LAKE EFFECT BLADE.	70 EA	14-21 Days	JM20315 WINTER EQUIPMENT	\$542.40	\$37,968.00	
11995	LE36CB IRONHAWK	STRAP, (CLAMP BAR), 3 FT., FOR LAKE EFFECT PLOW BLADE.	70 EA	14-21 Days	JM20315-S WINTER EQUIPMENT	\$20.91	\$1,463.70	
11996	AB48A7 IRONHAWK	BLADE, CARBIDE ADAPTER, 3/4 IN. X 7 IN. X 48 IN., LAKE EFFECT PLOW BLADE.	25 EA	14-21 Days	CB3041523JAB WINTER EQUIPMENT	\$388.44	\$9,711.00	
11997	PBA-LE12 IRONHAWK	PLOW BLADE, 12 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT CONTAINS: 3 EA #AB48A7 4 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 3 EA #LE48 4 FT. LAKE EFFECT BLADE, 3 EA #LE48CB 4 FT. CLAMP BAR, 1 EA #SG126112LL BLADE PROTECTOR LEFT, 1 EA #SG126112LR BLADE PROTECTOR RIGHT, 1 EA #KIT-LE12 LAKE EFFECT BOLT KIT.	20 EA	14-21 Days	SYS-JM12 WINTER EQUIPMENT	\$3,371.01	\$67,420.20	
11998	LE48 IRONHAWK	BLADE, 7/8 IN. X 6 IN. X 48 IN. LAKE EFFECT PLOW BLADE SYSTEM.	150 EA	14-21 Days	JM20415 WINTER EQUIPMENT	\$723.20	\$108,480.00	
11999	LE48CB IRONHAWK	STRAP, (CLAMP BAR), 4 FT., FOR LAKE EFFECT PLOW BLADE.	150 EA	14-21 Days	JM20415-S WINTER EQUIPMENT	\$28.02	\$4,203.00	
12000	SG126112LL IRONHAWK	HEAVY DUTY CURB GUARD (BLADE PROTECTOR), 6 IN LEFT LAKE EFFECT.	30 EA	14-21 Days	CR6312FL WINTER EQUIPMENT	\$86.81	\$2,604.30	
12001	SG126112LR IRONHAWK	HEAVY DUTY CURB GUARD (BLADE PROTECTOR), 6 IN RIGHT FOR LAKE EFFECT.	40 EA	14-21 Days	CR6312FR WINTER EQUIPMENT	\$86.81	\$3,472.40	

Bid 166000-2019-B

9/4/2019

Winter Equipment Company, Inc Willoughby, OH 1010

	37472013			1010				
Material	Primary Mfg Part Number	Description		Lead Time (days or weeks)	Vendor Product Number	Unit Price	Estimated Total Price	
12002	SG126112 IRONHAWK	CENTER GUARD, ARTICULATING BLADE PROTECTOR FOR LAKE EFFECT PLOW SYSTEM.	35 EA			\$200.00	\$7,000.00	
13114	PBA-LE11 IRONHAWK	PLOW BLADE, 11 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT	5 EA	14-21 Days	SYS-JM11 WINTER EQUIPMENT	\$3,110.99	\$15,554.95	
		CONTAINS: 1 EA #AB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 1 EA #LE36 3 FT.						
		LAKE EFFECT BLADE, 1 EA #LE36CB 3 FT. CLAMP BAR, 2 EA #AB48AX 4 FT. ADAPTOR BLADE						
		FOR LAKE EFFECT BLADE, 2 EA #LE48 4 FT. LAKE EFFECT BLADE, 2 EA #LE48CB 4 FT. CLAMP						
		BAR, 1 EA #SG126112LL BLADE PROTECTOR LEFT, 1 EA #SG126112LR BLADE PROTECTOR						
		DICUT 1 EN HVIT I E13 I AVE EEEECT DOLT VIT						
13126	PBA-LE9 IRONHAWK	PLOW BLADE, 9 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT	5 EA	14-21 Days	SYS-JM9 WINTER EQUIPMENT	\$2,591.11	\$12,955.55	
		CONTAINS: 3 EA #AB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 3 EA #LE36 3 FT.						
		LAKE EFFECT BLADE, 3 EA #LE36CB 3 FT. LAKE EFFECT CLAMP BAR, 1 EA #SG126112LL BLADE						
		PROTECTOR LEFT, 1 EA #SG126112LR BLADE PROTECTOR RIGHT, 1 EA #KIT-LE12 LAKE EFFECT						
		ROI T KIT						
13127	PBA-LE10 IRONHAWK	PLOW BLADE, 10 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT	5 EA	14-21 Days	SYS-JM10 WINTER EQUIPMENT	\$2,851.12	\$14,255.60	
		CONTAINS: 2 EA #AB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE36 3 FT.						
		LAKE EFFECT BLADE, 2 EA #LE36CB 3 FT. LAKE EFFECT CLAMP BAR, 1 EA #LE48A7 4 FT.						
		ADAPTOR BLADE FOR LAKE EFFECT BLADE, 1 EA #LE48 4 FT. LAKE EFFECT BLADE, 1 EA						
		#LE48CB 4 FT. LAKE EFFECT CLAMP BAR, 1 EA #SG126112LL BLADE PROTECTOR LEFT, 1 EA						
		#SG126112LR BLADE PROTECTOR RIGHT, 1 EA #KIT-LE12 LAKE EFFECT BOLT KIT.						
13128	PBA-LE14 IRONHAWK	PLOW BLADE, 14 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT	1 EA	14-21 Days	SYS-JM14 WINTER EQUIPMENT	\$3,890.89	\$3,890.89	
		CONTAINS: 2 EA #AB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE36 3 FT.						
		LAKE EFFECT BLADE, 2 EA #LE36CB 3 FT. LAKE EFFECT CLAMP BAR, 2 EA #LE48A7 4 FT.						
		ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE48 4 FT. LAKE EFFECT BLADE, 2 EA						
		#LE48CB 4 FT. LAKE EFFECT CLAMP BAR, 1 EA #SG126112LL BLADE PROTECTOR LEFT, 1 EA						
		#SG126112LR BLADE PROTECTOR RIGHT, 1 EA #KIT-LE14 LAKE EFFECT BOLT KIT.						
13645	FW580 IRONHAWK	WASHER, 5/8 IN., STRUCTURAL FLAT, FOR LAKE EFFECT BLADE INSTALLATION.	1,000 EA	14 Days	FW70505 WINTER EQUIPMENT	\$0.19	\$190.00	
13645	FW580 IRONHAWK	WASHER, 5/8 IN., STRUCTURAL FLAT, FOR LAKE EFFECT BLADE INSTALLATION.	1,000 EA	14 Days	FW/USUS WINTER EQUIPMENT	\$U.19	\$190.0	

Bid 166000-2019-B

IronHawk Industrial Euclid OH 4160

	9/4/2019		4160				
Material	Primary Mfg Part Number	Description	Lead Time (days or weeks)	Vendor Product Number	Unit Price	Estimated Total Price	
LOT 2: Bla	de System						
10878	CF40585 JOMA	BOLT, CARRIAGE, 5/8 IN11 X 4 IN., GRADE 8, FOR BLADE SYSTEM			\$1.40	\$1,050.00	
10879	PB30475 JOMA	BOLT, PLOW, 5/8 IN11 X 2 1/2 IN., GRADE 8, FOR CARBIDE ADAPTOR BLADE PLOW BLADE			\$0.70	\$280.00	
		SYSTEM					
11503	NS-111-JM-UA	NOSE PIECE, NUMBER 38 MODIFIED FOR JOMA BLADES, 1020 GRADE CARBON			\$62.52	\$1,563.00	
	IRONHAWK	STEEL, MOLDBOARD SECTION IS 3/4 IN. THICK, PLOW SIDE IS 1 IN. THICK, 3 HOLES, ONE ON					
		MOLD- BOARD SECTION, AND TWO ON PLOW SIDE SECTION, PUNCHINGS SHALL BE 11/16					
		INCH SQUARE HOLES, WITH THE HOLES COUNT- ERSUNK 80 TO 82 DEGREES, .120 INCH					
		MINIMUM DEPTH TO .180 INCH MAXIMUM DEPTH TO RECEIVE A 5/8 IN. DIAMETER PLOW					
		BOLT, SUPPLIED 2 UNASSEMBLED PIECES, ZIP TIED TOGETHER, AS PER ATTACHED DRAWING					
		DATED HILV 2012			\$50.00	Φ004.45	
11504	NS-110-JM-UA	NOSE PIECE, NUMBER 53 MODIFIED FOR JOMA BLADES, 1020 GRADE CARBON			\$59.63	\$894.45	
	IRONHAWK	STEEL,MOLDBOARD SECTION IS 3/4 IN. THICK, PLOW SIDE IS 1 IN. THICK, 2 HOLES, ONE ON					
		MOLD- BOARD SECTION, AND ONE ON PLOW SIDE SECTION, PUNCHINGS SHALL BE 11/16					
		INCH SQUARE HOLES, WITH THE HOLES COUNT- ERSUNK 80 TO 82 DEGREES, .120 INCH					
		MINIMUM DEPTH TO .180 INCH MAXIMUM DEPTH TO RECEIVE A 5/8 IN. DIAMETER PLOW					
		BOLT, SUPPLIED 2 UNASSEMBLED PIECES, ZIP TIED TOGETHER, AS PER ATTACHED DRAWING					
11993	AB36A7 IRONHAWK	CARBIDE ADAPTOR BLADE, 3/4 IN. X 7 IN. X 36 IN., 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE			\$236.48	\$4,729.60	
11994	LE36 IRONHAWK	BLADE, 7/8 IN. X 6 IN. X 36 IN. FOR 3 FT LAKE EFFECT BLADE.			\$435.60	\$30,492.00	
11995	LE36CB IRONHAWK	STRAP, (CLAMP BAR), 3 FT., FOR LAKE EFFECT PLOW BLADE.			\$35.16	\$2,461.20	
11996	AB48A7 IRONHAWK	BLADE, CARBIDE ADAPTER, 3/4 IN. X 7 IN. X 48 IN., LAKE EFFECT PLOW BLADE.			\$315.30	\$7,882.50	
11997	PBA-LE12 IRONHAWK	PLOW BLADE, 12 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT			\$3,018.94	\$60,378.80	
		CONTAINS: 3 EA #AB48A7 4 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 3 EA #LE48 4 FT.					
		LAKE EFFECT BLADE, 3 EA #LE48CB 4 FT. CLAMP BAR, 1 EA #SG126112LL BLADE PROTECTOR					
		LEFT, 1 EA #SG126112LR BLADE PROTECTOR RIGHT, 1 EA #KIT-LE12 LAKE EFFECT BOLT KIT.					
11998	LE48 IRONHAWK	BLADE, 7/8 IN. X 6 IN. X 48 IN. LAKE EFFECT PLOW BLADE SYSTEM.			\$580.80	\$87,120.00	
11999	LE48CB IRONHAWK	STRAP, (CLAMP BAR), 4 FT., FOR LAKE EFFECT PLOW BLADE.			\$40.78	\$6,117.00	
12000	SG126112LL IRONHAWK	HEAVY DUTY CURB GUARD (BLADE PROTECTOR), 6 IN LEFT LAKE EFFECT.			\$79.15	\$2,374.50	
12001	SG126112LR IRONHAWK	HEAVY DUTY CURB GUARD (BLADE PROTECTOR), 6 IN RIGHT FOR LAKE EFFECT.			\$79.15	\$3,166.00	

Bid Tabulation - PA Turnpike Commission

Bid 166000-2019-B

9/4/2019

IronHawk Industrial

Euclid OH

4160

			4100				
Primary Mfg Part Number	Description	Lead Time (days or weeks)	Vendor Product Number	Unit Price	Estimated Total Price		
SG126112 IRONHAWK	CENTER GUARD, ARTICULATING BLADE PROTECTOR FOR LAKE EFFECT PLOW SYSTEM.			\$100.97	\$3,533.95		
PBA-LE11 IRONHAWK	PLOW BLADE, 11 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT CONTAINS: 1 EA #AB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 1 EA #LE36 3 FT.			\$2,789.30	\$13,946.50		
	LAKE EFFECT BLADE, 1 EA #LE36CB 3 FT. CLAMP BAR, 2 EA #AB48AX 4 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE48 4 FT. LAKE EFFECT BLADE, 2 EA #LE48CB 4 FT. CLAMP						
PBA-LE9 IRONHAWK	PLOW BLADE, 9 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT CONTAINS: 3 EA #AB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 3 EA #LE36 3 FT. LAKE EFFECT BLADE, 3 EA #LE36CB 3 FT. LAKE EFFECT CLAMP BAR, 1 EA #SG126112LL BLADE			\$2,330.02	\$11,650.10		
PBA-LE10 IRONHAWK	PLOW BLADE, 10 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT CONTAINS: 2 EA #AB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE36 3 FT.			\$2,559.66	\$12,798.30		
	ADAPTOR BLADE FOR LAKE EFFECT BLADE, 1 EA #LE48 4 FT. LAKE EFFECT BLADE, 1 EA #LE48CB 4 FT. LAKE EFFECT CLAMP BAR, 1 EA #SG126112LL BLADE PROTECTOR LEFT, 1 EA						
	LAKE EFFECT BLADE, 2 EA #LE36CB 3 FT. LAKE EFFECT CLAMP BAR, 2 EA #LE48A7 4 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE48 4 FT. LAKE EFFECT BLADE, 2 EA #LE48CB 4 FT. LAKE EFFECT CLAMP BAR, 1 EA #SG126112LL BLADE PROTECTOR LEFT, 1 EA			\$3,496.54	\$3,496.54		
FW580 IRONHAWK	WASHER, 5/8 IN., STRUCTURAL FLAT, FOR LAKE EFFECT BLADE INSTALLATION.			\$0.12	\$120.00		
	SG126112 IRONHAWK PBA-LE11 IRONHAWK PBA-LE9 IRONHAWK PBA-LE10 IRONHAWK	Number SG126112 IRONHAWK CENTER GUARD, ARTICULATING BLADE PROTECTOR FOR LAKE EFFECT PLOW SYSTEM. PBA-LE11 IRONHAWK PBA-LE12 IRONHAWK PBA-LE12 IRONHAWK PBA-LE14 IRONHAWK PBA-LE15 IRONHAWK PBA-LE16 IRONHAWK PBA-LE16 IRONHAWK PBA-LE16 IRONHAWK PBA-LE17 IRONHAWK PBA-LE10 IRONHAWK PLOW BLADE, 10 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT CONTAINS: 2 EA #AB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE36 3 FT. LAKE EFFECT BLADE, 2 EA #LE36CB 3 FT. LAKE EFFECT CLAMP BAR, 1 EA #KIT-LE12 LAKE EFFECT PBA-LE10 IRONHAWK PLOW BLADE, 10 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT CONTAINS: 2 EA #AB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE36B 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 1 EA #LE48B 4 FT. LAKE EFFECT BLADE, 1 EA #LE48CB 4 FT. LAKE EFFECT CLAMP BAR, 1 EA #SG126112LL BLADE PROTECTOR LEFT, 1 EA #SG126112LR BLADE PROTECTOR RIGHT, 1 EA #KIT-LE12 LAKE EFFECT BLADE, 2 EA #LE36 3 FT. LAKE EFFECT BLADE, 2 EA #LE36CB 3 FT. LAKE EFFECT PLOW BLADE SYSTEM, KIT CONTAINS: 2 EA #AB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE36 3 FT. LAKE EFFECT BLADE, 14 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT CONTAINS: 2 EA #AB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE36 3 FT. LAKE EFFECT BLADE, 2 EA #LE36CB 3 FT. LAKE EFFECT BLADE PROTECTOR LEFT, 1 EA #SG126112LR BLADE PROTECTOR RIGHT, 1 EA #KIT-LE14 LAKE EFFECT BLADE, 2 EA #LE48CB 4 FT. LAKE EFFECT CLAMP BAR, 1 EA #SG126112LL BLADE PROTECTOR LEFT, 1 EA #SG126112LR BLADE	Number SG126112 IRONHAWK CENTER GUARD, ARTICULATING BLADE PROTECTOR FOR LAKE EFFECT PLOW SYSTEM. PBA-LE11 IRONHAWK PLOW BLADE, 11 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT CONTAINS: 1 EA #AB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 1 EA #LE36 3 FT. LAKE EFFECT BLADE, 1 EA #LE36CB 3 FT. CLAMP BAR, 2 EA #AB48AX 4 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 1 EA #LE36CB 3 FT. CLAMP BAR, 2 EA #AB48AX 4 FT. ADAPTOR BLADE BAR, 1 EA #SG126112LL BLADE PROTECTOR LEFT, 1 EA #SG126112LR BLADE PROTECTOR BIGLET, 1 EA #LE11 LAYE SEEECT BOLD WIT. PLOW BLADE, 9 FT. INITIAL SET UP KIT FOR LAKE EFFECT BLADE, 3 EA #LE36 3 FT. LAKE EFFECT BLADE, 3 EA #LE36CB 3 FT. LAKE EFFECT CLAMP BAR, 1 EA #SG126112LL BLADE PROTECTOR LEFT, 1 EA #SG126112LR BLADE PROTECTOR RIGHT, 1 EA #KIT-LE12 LAKE EFFECT RONTAINS: 2 EA #AB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE36 3 FT. LAKE EFFECT BLADE, 2 EA #LE36CB 3 FT. LAKE EFFECT PLOW BLADE SYSTEM, KIT CONTAINS: 2 EA #AB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE36 3 FT. LAKE EFFECT BLADE, 2 EA #LE36CB 3 FT. LAKE EFFECT PLOW BLADE SYSTEM, KIT CONTAINS: 2 EA #AB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE36 3 FT. LAKE EFFECT BLADE, 2 EA #LE36CB 3 FT. LAKE EFFECT BLADE, 1 EA #LE48A7 4 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 1 EA #LE48 4 FT. LAKE EFFECT BLADE, 1 EA #LE48CB 4 FT. LAKE EFFECT CLAMP BAR, 1 EA #SG126112LL BLADE PROTECTOR LEFT, 1 EA #SG126112LR BLADE PROTECTOR RIGHT, 1 EA #KIT-LE12 LAKE EFFECT BLADE, 2 EA #LE36 3 FT. LAKE EFFECT BLADE, 2 EA #LE36CB 3 FT. LAKE EFFECT PLOW BLADE SYSTEM, KIT CONTAINS: 2 EA #AB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE48A7 4 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE48A7 4 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE48A7 4 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE48A7 4 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE48A7 4 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE48BA7 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE48BA7 FT. ADAPTOR BLADE FOR LAKE EFFEC	Number CENTER GUARD, ARTICULATING BLADE PROTECTOR FOR LAKE EFFECT PLOW SYSTEM. PBA-LE11 IRONHAWK PLOW BLADE, 11 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT CONTAINS: 1 EA MABSGA7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 1 EA BLE36 3 FT. LAKE EFFECT BLADE, 1 EA HESGEGS 3 FT. CLAMP BAR, 2 EA ABBGAAY A FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 1 EA HESGEGS 3 FT. CLAWP BAR, 2 EA ABBGAAY A FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 1 EA HESGEGS 3 FT. CLAWP BAR, 2 EA ABBGAAY A FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA HLE48 4 FT. LAKE EFFECT DLOW BLADE SYSTEM, KIT CONTAINS: 3 EA #ABSGA7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 3 EA HLE36 3 FT. LAKE EFFECT BLADE, 3 EA HLE36CB 3 FT. LAKE EFFECT DLOW BLADE SYSTEM, KIT CONTAINS: 2 EA #ABSGA7 3 FT. ADAPTOR BLADE PROTECTOR RIGHT, 1 EA #KIT-LE12 LAKE EFFECT ROIT KIT PBA-LE10 IRONHAWK PLOW BLADE, 10 FT. INITIAL SET UP KIT FOR LAKE EFFECT DLOW BLADE SYSTEM, KIT CONTAINS: 2 EA #ABSGA7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA HLE36 3 FT. LAKE EFFECT BLADE, 2 EA HLE36CB 3 FT. LAKE EFFECT DLAWP BAR, 1 EA HLE48A7 4 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 1 EA #KIT-LE12 LAKE EFFECT BLADE, 1 EA #LE48CB 4 FT. LAKE EFFECT CLAMP BAR, 1 EA #SG126112LB BLADE PROTECTOR IEFT, 1 EA #SG126112LB BLADE PROTECTOR RIGHT, 1 EA #KIT-LE12 LAKE EFFECT BLADE, 2 EA HLE36 3 FT. LAKE EFFECT BLADE, 2 EA HLE36CB 3 FT. LAKE EFFECT PLOW BLADE SYSTEM, KIT CONTAINS: 2 EA #AB3GA7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA HLE36 3 FT. LAKE EFFECT BLADE, 2 EA HLE36CB 3 FT. LAKE EFFECT DLOW BLADE SYSTEM, KIT CONTAINS: 2 EA #AB3GA7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA HLE36 3 FT. LAKE EFFECT BLADE, 2 EA HLE36CB 3 FT. LAKE EFFECT DLAWP BAR, 2 EA HLE36 3 FT. LAKE EFFECT BLADE, 2 EA HLE36CB 3 FT. LAKE EFFECT BLADE, 2 EA HLE36 3 FT. LAKE EFFECT BLADE, 2 EA HLE36CB 3 FT. LAKE EFFECT BLADE, 2 EA HLE36 3 FT. LAKE EFFECT BLADE, 2 EA HLE36CB 3 FT. LAKE EFFECT BLADE, 2 EA HLE36 3 FT. LAKE EFFECT BLADE, 2 EA HLE36CB 3 FT. LAKE EFFECT BLADE, 2 EA HLE36	Number SG126112 IRONHAWK CENTER GUARD, ARTICULATING BLADE PROTECTOR FOR LAKE EFFECT PLOW SYSTEM. \$100.97 PBA-LE11 IRONHAWK PLOW BLADE, 11 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE, 1 EA HLE36 3 FT. LAKE EFFECT BLADE, 2 EA HLE48 4 FT. LAKE EFFECT BLADE, 2 EA HLE48 BARA 4 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA HLE48 BARA 4 FT. ADAPTOR BLADE PROTECTOR BIGGAT 1 EA HUT 113 JAME EEEECT PLOY NOT TO PLOY BE SYSTEM, KIT CONTAINS: 3 EA HAB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 3 EA HLE36 3 FT. LAKE EFFECT BLADE, 4 EA HLE36 3 FT. LAKE EFFECT BLADE, 5 EA HLE36 3 FT. LAKE EFFECT BLADE, 6 EA HLE36 3 FT. LAKE EFFECT BLADE, 7 EA HLE36 ABAPTOR BLADE FOR LAKE EFFECT BLADE, 8 EA HLE36 BART ABAPTOR BLADE FOR LAKE EFFECT BLADE, 8 EA HLE36 BATT. LAKE EFFECT BLADE, 8 EA HLE36 BATT. LAKE EFFECT BLADE, 8 EA HLE36 BATT. LAKE EFFECT BLADE, 9		

Bid 166000-2019-B

Valk Manufacturing Company New Kingtown, PA 874

	9/4/2019			874					
Material	Primary Mfg Part Number	Description	Lead Time (days or weeks)	Vendor Product Number	Unit Price	Estimated Total Price			
LOT 2: Bla	ide System								
10878	CF40585 JOMA	BOLT, CARRIAGE, 5/8 IN11 X 4 IN., GRADE 8, FOR BLADE SYSTEM			\$0.00	\$0.00			
10879	PB30475 JOMA	BOLT, PLOW, 5/8 IN11 X 2 1/2 IN., GRADE 8, FOR CARBIDE ADAPTOR BLADE PLOW BLADE SYSTEM			\$0.00	\$0.00			
11503	NS-111-JM-UA IRONHAWK	NOSE PIECE, NUMBER 38 MODIFIED FOR JOMA BLADES, 1020 GRADE CARBON STEEL, MOLDBOARD SECTION IS 3/4 IN. THICK, PLOW SIDE IS 1 IN. THICK, 3 HOLES, ONE ON MOLD- BOARD SECTION, AND TWO ON PLOW SIDE SECTION, PUNCHINGS SHALL BE 11/16 INCH SQUARE HOLES, WITH THE HOLES COUNT- ERSUNK 80 TO 82 DEGREES, .120 INCH MINIMUM DEPTH TO .180 INCH MAXIMUM DEPTH TO RECEIVE A 5/8 IN. DIAMETER PLOW BOLT, SUPPLIED 2 UNASSEMBLED PIECES, ZIP TIED TOGETHER, AS PER ATTACHED DRAWING		VALK EQN-48H-JM-UA	\$52.00	\$1,300.00			
11504	NS-110-JM-UA IRONHAWK	NOSE PIECE, NUMBER 53 MODIFIED FOR JOMA BLADES, 1020 GRADE CARBON STEEL, MOLDBOARD SECTION IS 3/4 IN. THICK, PLOW SIDE IS 1 IN. THICK, 2 HOLES, ONE ON MOLD- BOARD SECTION, AND ONE ON PLOW SIDE SECTION, PUNCHINGS SHALL BE 11/16 INCH SQUARE HOLES, WITH THE HOLES COUNT- ERSUNK 80 TO 82 DEGREES, .120 INCH MINIMUM DEPTH TO .180 INCH MAXIMUM DEPTH TO RECEIVE A 5/8 IN. DIAMETER PLOW BOLT, SUPPLIED 2 UNASSEMBLED PIECES, ZIP TIED TOGETHER, AS PER ATTACHED DRAWING		VALK 095-37-0016-JM-UA	\$49.00	\$735.00			
11993	AB36A7 IRONHAWK	CARBIDE ADAPTOR BLADE, 3/4 IN. X 7 IN. X 36 IN., 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE		VALK CSP1T58N.75-7-3	\$109.37	\$2,187.40			
11994	LE36 IRONHAWK	BLADE, 7/8 IN. X 6 IN. X 36 IN. FOR 3 FT LAKE EFFECT BLADE.			\$0.00	\$0.00			
11995	LE36CB IRONHAWK	STRAP, (CLAMP BAR), 3 FT., FOR LAKE EFFECT PLOW BLADE.			\$0.00	\$0.00			
11996	AB48A7 IRONHAWK	BLADE, CARBIDE ADAPTER, 3/4 IN. X 7 IN. X 48 IN., LAKE EFFECT PLOW BLADE.		VALK CSP1T58N.75-7-4	\$145.80	\$3,645.00			
11997	PBA-LE12 IRONHAWK	PLOW BLADE, 12 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT CONTAINS: 3 EA #AB48A7 4 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 3 EA #LE48 4 FT. LAKE EFFECT BLADE, 3 EA #LE48CB 4 FT. CLAMP BAR, 1 EA #SG126112LL BLADE PROTECTOR LEFT, 1 EA #SG126112LR BLADE PROTECTOR RIGHT, 1 EA #KIT-LE12 LAKE EFFECT BOLT KIT.			\$0.00	\$0.00			
11998	LE48 IRONHAWK	BLADE, 7/8 IN. X 6 IN. X 48 IN. LAKE EFFECT PLOW BLADE SYSTEM.			\$0.00	\$0.00			
11999	LE48CB IRONHAWK	STRAP, (CLAMP BAR), 4 FT., FOR LAKE EFFECT PLOW BLADE.			\$0.00	\$0.00			
12000	SG126112LL IRONHAWK	HEAVY DUTY CURB GUARD (BLADE PROTECTOR), 6 IN LEFT LAKE EFFECT.			\$0.00	\$0.00			
12001	SG126112LR IRONHAWK	HEAVY DUTY CURB GUARD (BLADE PROTECTOR), 6 IN RIGHT FOR LAKE EFFECT.			\$0.00	\$0.00			

Bid Tabulation - PA Turnpike Commission

Valk Manufacturing Company

New Kingtown, PA

9/4/2019

874

	9/4/2019		874				
Material	Primary Mfg Part Number	Description	Lead Time (days or weeks)	Vendor Product Number	Unit Price	Estimated Total Price	
12002	SG126112 IRONHAWK	CENTER GUARD, ARTICULATING BLADE PROTECTOR FOR LAKE EFFECT PLOW SYSTEM.			\$0.00	\$0.00	
13114	PBA-LE11 IRONHAWK	PLOW BLADE, 11 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT			\$0.00	\$0.00	
		CONTAINS: 1 EA #AB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 1 EA #LE36 3 FT. LAKE EFFECT BLADE, 1 EA #LE36CB 3 FT. CLAMP BAR, 2 EA #AB48AX 4 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE48 4 FT. LAKE EFFECT BLADE, 2 EA #LE48CB 4 FT. CLAMP BAR, 1 EA #SG126112LL BLADE PROTECTOR LEFT, 1 EA #SG126112LR BLADE PROTECTOR					
13126	PBA-LE9 IRONHAWK	PLOW BLADE, 9 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT CONTAINS: 3 EA #AB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 3 EA #LE36 3 FT. LAKE EFFECT BLADE, 3 EA #LE36CB 3 FT. LAKE EFFECT CLAMP BAR, 1 EA #SG126112LL BLADE			\$0.00	\$0.00	
13127	PBA-LE10 IRONHAWK	PROTECTOR LEFT, 1 EA #SG126112LR BLADE PROTECTOR RIGHT, 1 EA #KIT-LE12 LAKE EFFECT ROLT KIT PLOW BLADE, 10 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT			\$0.00	\$0.00	
15127	PDA-LEIU INOINIAWN	CONTAINS: 2 EA #AB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE36 3 FT. LAKE EFFECT BLADE, 2 EA #LE36CB 3 FT. LAKE EFFECT CLAMP BAR, 1 EA #LE48A7 4 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 1 EA #LE48 4 FT. LAKE EFFECT BLADE, 1 EA #LE48CB 4 FT. LAKE EFFECT CLAMP BAR, 1 EA #SG126112LL BLADE PROTECTOR LEFT, 1 EA #SG126112LR BLADE PROTECTOR RIGHT, 1 EA #KIT-LE12 LAKE EFFECT BOLT KIT.			40.00	ψο.σσ	
13128	PBA-LE14 IRONHAWK	PLOW BLADE, 14 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT CONTAINS: 2 EA #AB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE36 3 FT. LAKE EFFECT BLADE, 2 EA #LE36CB 3 FT. LAKE EFFECT CLAMP BAR, 2 EA #LE48A7 4 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE48 4 FT. LAKE EFFECT BLADE, 2 EA #LE48CB 4 FT. LAKE EFFECT CLAMP BAR, 1 EA #SG126112LL BLADE PROTECTOR LEFT, 1 EA #SG126112LR BLADE PROTECTOR RIGHT, 1 EA #KIT-LE14 LAKE EFFECT BOLT KIT.			\$0.00	\$0.00	
13645	FW580 IRONHAWK	WASHER, 5/8 IN., STRUCTURAL FLAT, FOR LAKE EFFECT BLADE INSTALLATION.			\$0.00	\$0.00	

Bid 166000-2019-B 9/4/2019 Chemung Supply Corp.
Elmira, NY
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	9/4/2019	4/2019			39				
Material	Primary Mfg Part Number	Description	Lead Time (days or weeks)	Vendor Product Number	Unit Price	Estimated Total Price			
LOT 2: Bla	de System								
10878	CF40585 JOMA	BOLT, CARRIAGE, 5/8 IN11 X 4 IN., GRADE 8, FOR BLADE SYSTEM				\$0.00			
10879	PB30475 JOMA	BOLT, PLOW, 5/8 IN11 X 2 1/2 IN., GRADE 8, FOR CARBIDE ADAPTOR BLADE PLOW BLADE SYSTEM				\$0.00			
11503	NS-111-JM-UA IRONHAWK	NOSE PIECE, NUMBER 38 MODIFIED FOR JOMA BLADES, 1020 GRADE CARBON STEEL, MOLDBOARD SECTION IS 3/4 IN. THICK, PLOW SIDE IS 1 IN. THICK, 3 HOLES, ONE ON MOLD- BOARD SECTION, AND TWO ON PLOW SIDE SECTION, PUNCHINGS SHALL BE 11/16 INCH SQUARE HOLES, WITH THE HOLES COUNT- ERSUNK 80 TO 82 DEGREES, .120 INCH MINIMUM DEPTH TO .180 INCH MAXIMUM DEPTH TO RECEIVE A 5/8 IN. DIAMETER PLOW BOLT, SUPPLIED 2 UNASSEMBLED PIECES, ZIP TIED TOGETHER, AS PER ATTACHED DRAWING				\$0.00			
11504	NS-110-JM-UA IRONHAWK	NOSE PIECE, NUMBER 53 MODIFIED FOR JOMA BLADES, 1020 GRADE CARBON STEEL, MOLDBOARD SECTION IS 3/4 IN. THICK, PLOW SIDE IS 1 IN. THICK, 2 HOLES, ONE ON MOLD- BOARD SECTION, AND ONE ON PLOW SIDE SECTION, PUNCHINGS SHALL BE 11/16 INCH SQUARE HOLES, WITH THE HOLES COUNT- ERSUNK 80 TO 82 DEGREES, .120 INCH MINIMUM DEPTH TO .180 INCH MAXIMUM DEPTH TO RECEIVE A 5/8 IN. DIAMETER PLOW BOLT, SUPPLIED 2 UNASSEMBLED PIECES, ZIP TIED TOGETHER, AS PER ATTACHED DRAWING				\$0.00			
11993	AB36A7 IRONHAWK	CARBIDE ADAPTOR BLADE, 3/4 IN. X 7 IN. X 36 IN., 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE				\$0.00			
11994	LE36 IRONHAWK	BLADE, 7/8 IN. X 6 IN. X 36 IN. FOR 3 FT LAKE EFFECT BLADE.				\$0.00			
11995	LE36CB IRONHAWK	STRAP, (CLAMP BAR), 3 FT., FOR LAKE EFFECT PLOW BLADE.				\$0.00			
11996	AB48A7 IRONHAWK	BLADE, CARBIDE ADAPTER, 3/4 IN. X 7 IN. X 48 IN., LAKE EFFECT PLOW BLADE.				\$0.00			
11997	PBA-LE12 IRONHAWK	PLOW BLADE, 12 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT CONTAINS: 3 EA #AB48A7 4 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 3 EA #LE48 4 FT. LAKE EFFECT BLADE, 3 EA #LE48CB 4 FT. CLAMP BAR, 1 EA #SG126112LL BLADE PROTECTOR LEFT, 1 EA #SG126112LR BLADE PROTECTOR RIGHT, 1 EA #KIT-LE12 LAKE EFFECT BOLT KIT.				\$0.00			
11998	LE48 IRONHAWK	BLADE, 7/8 IN. X 6 IN. X 48 IN. LAKE EFFECT PLOW BLADE SYSTEM.				\$0.00			
11999	LE48CB IRONHAWK	STRAP, (CLAMP BAR), 4 FT., FOR LAKE EFFECT PLOW BLADE.				\$0.00			
12000	SG126112LL IRONHAWK	HEAVY DUTY CURB GUARD (BLADE PROTECTOR), 6 IN LEFT LAKE EFFECT.				\$0.00			
12001	SG126112LR IRONHAWK	HEAVY DUTY CURB GUARD (BLADE PROTECTOR), 6 IN RIGHT FOR LAKE EFFECT.				\$0.00			

Bid 166000-2019-B 9/4/2019 Chemung Supply Corp.
Elmira, NY
39

	9/4/2019	/4/2019			39				
Material	Primary Mfg Part Number		Lead Time (days or weeks)	Vendor Product Number	Unit Price	Estimated Total Price			
12002	SG126112 IRONHAWK	CENTER GUARD, ARTICULATING BLADE PROTECTOR FOR LAKE EFFECT PLOW SYSTEM.				\$0.00			
13114	PBA-LE11 IRONHAWK	PLOW BLADE, 11 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT CONTAINS: 1 EA #AB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 1 EA #LE36 3 FT.				\$0.00			
		LAKE EFFECT BLADE, 1 EA #LE36CB 3 FT. CLAMP BAR, 2 EA #AB48AX 4 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE48 4 FT. LAKE EFFECT BLADE, 2 EA #LE48CB 4 FT. CLAMP BAR, 1 EA #SG126112LL BLADE PROTECTOR LEFT, 1 EA #SG126112LR BLADE PROTECTOR							
13126	PBA-LE9 IRONHAWK	PLOW BLADE, 9 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT CONTAINS: 3 EA #AB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 3 EA #LE36CB 3 FT. LAKE EFFECT BLADE, 3 EA #LE36CB 3 FT. LAKE EFFECT CLAMP BAR, 1 EA #SG126112LL BLADE				\$0.00			
13127	PBA-LE10 IRONHAWK	PROTECTOR LEFT, 1 EA #SG126112LR BLADE PROTECTOR RIGHT, 1 EA #KIT-LE12 LAKE EFFECT BOLT KIT PLOW BLADE, 10 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT CONTAINS: 2 EA #AB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE36 3 FT.				\$0.00			
		LAKE EFFECT BLADE, 2 EA #LE36CB 3 FT. LAKE EFFECT CLAMP BAR, 1 EA #LE48A7 4 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 1 EA #LE48 4 FT. LAKE EFFECT BLADE, 1 EA #LE48CB 4 FT. LAKE EFFECT CLAMP BAR, 1 EA #SG126112LL BLADE PROTECTOR LEFT, 1 EA #SG126112LR BLADE PROTECTOR RIGHT, 1 EA #KIT-LE12 LAKE EFFECT BOLT KIT.							
13128	PBA-LE14 IRONHAWK	PLOW BLADE, 14 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT CONTAINS: 2 EA #AB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE36 3 FT. LAKE EFFECT BLADE, 2 EA #LE48A7 4 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE48 4 FT. LAKE EFFECT BLADE, 2 EA #LE48CB 4 FT. LAKE EFFECT CLAMP BAR, 1 EA #SG126112LL BLADE PROTECTOR LEFT, 1 EA #SG126112LR BLADE PROTECTOR RIGHT, 1 EA #KIT-LE14 LAKE EFFECT BOLT KIT.				\$0.00			
13645	FW580 IRONHAWK	WASHER, 5/8 IN., STRUCTURAL FLAT, FOR LAKE EFFECT BLADE INSTALLATION.				\$0.00			

Bid 166000-2019-B

Nordik Blades Asbestos, Quebec 6492

	9/4/2019			6492				
Material	Primary Mfg Part Number	Description	Lead Time (days or weeks)	Vendor Product Number	Unit Price	Estimated Total Price		
LOT 2: Bla	de System							
10878	CF40585 JOMA	BOLT, CARRIAGE, 5/8 IN11 X 4 IN., GRADE 8, FOR BLADE SYSTEM			\$0.00	\$0.00		
10879	PB30475 JOMA	BOLT, PLOW, 5/8 IN11 X 2 1/2 IN., GRADE 8, FOR CARBIDE ADAPTOR BLADE PLOW BLADE SYSTEM			\$0.00	\$0.00		
11503	NS-111-JM-UA IRONHAWK	NOSE PIECE, NUMBER 38 MODIFIED FOR JOMA BLADES, 1020 GRADE CARBON STEEL, MOLDBOARD SECTION IS 3/4 IN. THICK, PLOW SIDE IS 1 IN. THICK, 3 HOLES, ONE ON MOLD- BOARD SECTION, AND TWO ON PLOW SIDE SECTION, PUNCHINGS SHALL BE 11/16 INCH SQUARE HOLES, WITH THE HOLES COUNT- ERSUNK 80 TO 82 DEGREES, .120 INCH MINIMUM DEPTH TO .180 INCH MAXIMUM DEPTH TO RECEIVE A 5/8 IN. DIAMETER PLOW BOLT, SUPPLIED 2 UNASSEMBLED PIECES, ZIP TIED TOGETHER, AS PER ATTACHED DRAWING			\$0.00	\$0.00		
11504	NS-110-JM-UA IRONHAWK	NOSE PIECE, NUMBER 53 MODIFIED FOR JOMA BLADES, 1020 GRADE CARBON STEEL, MOLDBOARD SECTION IS 3/4 IN. THICK, PLOW SIDE IS 1 IN. THICK, 2 HOLES, ONE ON MOLD- BOARD SECTION, AND ONE ON PLOW SIDE SECTION, PUNCHINGS SHALL BE 11/16 INCH SQUARE HOLES, WITH THE HOLES COUNT- ERSUNK 80 TO 82 DEGREES, .120 INCH MINIMUM DEPTH TO .180 INCH MAXIMUM DEPTH TO RECEIVE A 5/8 IN. DIAMETER PLOW BOLT, SUPPLIED 2 UNASSEMBLED PIECES, ZIP TIED TOGETHER, AS PER ATTACHED DRAWING			\$0.00	\$0.00		
11993	AB36A7 IRONHAWK	CARBIDE ADAPTOR BLADE, 3/4 IN. X 7 IN. X 36 IN., 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE			\$0.00	\$0.00		
11994	LE36 IRONHAWK	BLADE, 7/8 IN. X 6 IN. X 36 IN. FOR 3 FT LAKE EFFECT BLADE.		N-NORDIK MOVE (NORDIK MOVE 3X12" REPL SECTION)	\$403.00	\$28,210.00		
11995	LE36CB IRONHAWK	STRAP, (CLAMP BAR), 3 FT., FOR LAKE EFFECT PLOW BLADE.			\$0.00	\$0.00		
11996	AB48A7 IRONHAWK	BLADE, CARBIDE ADAPTER, 3/4 IN. X 7 IN. X 48 IN., LAKE EFFECT PLOW BLADE.			\$0.00	\$0.00		
11997	PBA-LE12 IRONHAWK	PLOW BLADE, 12 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT CONTAINS: 3 EA #AB48A7 4 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 3 EA #LE48 4 FT. LAKE EFFECT BLADE, 3 EA #LE48CB 4 FT. CLAMP BAR, 1 EA #SG126112LL BLADE PROTECTOR LEFT, 1 EA #SG126112LR BLADE PROTECTOR RIGHT, 1 EA #KIT-LE12 LAKE EFFECT BOLT KIT.		N-NORDIK 1200-CARBIDE	\$2,497.00	\$49,940.00		
11998	LE48 IRONHAWK	BLADE, 7/8 IN. X 6 IN. X 48 IN. LAKE EFFECT PLOW BLADE SYSTEM.		N-NORDIK MOVE (NORDIK MOVE 4X12" REPL SECTION)	\$537.00	\$80,550.00		
11999	LE48CB IRONHAWK	STRAP, (CLAMP BAR), 4 FT., FOR LAKE EFFECT PLOW BLADE.			\$0.00	\$0.00		
12000	SG126112LL IRONHAWK	HEAVY DUTY CURB GUARD (BLADE PROTECTOR), 6 IN LEFT LAKE EFFECT.			\$0.00	\$0.00		
12001	SG126112LR IRONHAWK	HEAVY DUTY CURB GUARD (BLADE PROTECTOR), 6 IN RIGHT FOR LAKE EFFECT.			\$0.00	\$0.00		

Bid 166000-2019-B

Nordik Blades Asbestos, Quebec 6492

	9/4/2019			6492					
Material	Primary Mfg Part Number	Description	Lead Time (days or weeks)	Vendor Product Number	Unit Price	Estimated Total Price			
12002	SG126112 IRONHAWK	CENTER GUARD, ARTICULATING BLADE PROTECTOR FOR LAKE EFFECT PLOW SYSTEM.			\$0.00	\$0.00			
13114	PBA-LE11 IRONHAWK	PLOW BLADE, 11 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT CONTAINS: 1 EA #AB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 1 EA #LE36 3 FT. LAKE EFFECT BLADE, 1 EA #LE36CB 3 FT. CLAMP BAR, 2 EA #AB48AX 4 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE48 4 FT. LAKE EFFECT BLADE, 2 EA #LE48CB 4 FT. CLAMP BAR, 1 EA #SG126112LL BLADE PROTECTOR LEFT, 1 EA #SG126112LR BLADE PROTECTOR		N-NORDIK 1100 CARBIDE	\$2,298.00	\$11,490.00			
13126	PBA-LE9 IRONHAWK	PLOW BLADE, 9 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT CONTAINS: 3 EA #AB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 3 EA #LE36 3 FT. LAKE EFFECT BLADE, 3 EA #LE36CB 3 FT. LAKE EFFECT CLAMP BAR, 1 EA #SG126112LL BLADE PROTECTOR LEFT, 1 EA #SG126112LR BLADE PROTECTOR RIGHT, 1 EA #KIT-LE12 LAKE EFFECT ROLT KIT		N-NORDIK 900 CARBIDE	\$1,889.00	\$9,445.00			
13127	PBA-LE10 IRONHAWK	PLOW BLADE, 10 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT CONTAINS: 2 EA #AB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE36 3 FT. LAKE EFFECT BLADE, 2 EA #LE36CB 3 FT. LAKE EFFECT CLAMP BAR, 1 EA #LE48A7 4 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 1 EA #LE48 4 FT. LAKE EFFECT BLADE, 1 EA #LE48CB 4 FT. LAKE EFFECT CLAMP BAR, 1 EA #SG126112LL BLADE PROTECTOR LEFT, 1 EA #SG126112LR BLADE PROTECTOR RIGHT, 1 EA #KIT-LE12 LAKE EFFECT BOLT KIT.		N-NORDIK 1000 CARBIDE	\$2,099.00	\$10,495.00			
13128	PBA-LE14 IRONHAWK	PLOW BLADE, 14 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT CONTAINS: 2 EA #AB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE36 3 FT. LAKE EFFECT BLADE, 2 EA #LE48A7 4 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE48 4 FT. LAKE EFFECT BLADE, 2 EA #LE48CB 4 FT. LAKE EFFECT CLAMP BAR, 1 EA #SG126112LL BLADE PROTECTOR LEFT, 1 EA #SG126112LR BLADE PROTECTOR RIGHT, 1 EA #KIT-LE14 LAKE EFFECT BOLT KIT.		N-NORDIK 1400 CARBIDE	\$2,945.00	\$2,945.00			
13645	FW580 IRONHAWK	WASHER, 5/8 IN., STRUCTURAL FLAT, FOR LAKE EFFECT BLADE INSTALLATION.			\$0.00	\$0.00			

Bid 166000-2019-B

Northern Supply Bloomfield, NY

	9/4/2019					
Material	Primary Mfg Part Number	Description	Lead Time (days or weeks)	Vendor Product Number	Unit Price	Estimated Total Price
LOT 2: Bla	de System					
10878	CF40585 JOMA	BOLT, CARRIAGE, 5/8 IN11 X 4 IN., GRADE 8, FOR BLADE SYSTEM			\$0.00	\$0.00
10879	PB30475 JOMA	BOLT, PLOW, 5/8 IN11 X 2 1/2 IN., GRADE 8, FOR CARBIDE ADAPTOR BLADE PLOW BLADE SYSTEM			\$0.00	\$0.00
11503	NS-111-JM-UA IRONHAWK	NOSE PIECE, NUMBER 38 MODIFIED FOR JOMA BLADES, 1020 GRADE CARBON STEEL, MOLDBOARD SECTION IS 3/4 IN. THICK, PLOW SIDE IS 1 IN. THICK, 3 HOLES, ONE ON MOLD-BOARD SECTION, AND TWO ON PLOW SIDE SECTION, PUNCHINGS SHALL BE 11/16 INCH SQUARE HOLES, WITH THE HOLES COUNT-ERSUNK 80 TO 82 DEGREES, .120 INCH MINIMUM DEPTH TO .180 INCH MAXIMUM DEPTH TO RECEIVE A 5/8 IN. DIAMETER PLOW BOLT, SUPPLIED 2 UNASSEMBLED PIECES, ZIP TIED TOGETHER, AS PER ATTACHED DRAWING			\$0.00	\$0.00
11504	NS-110-JM-UA IRONHAWK	NOSE PIECE, NUMBER 53 MODIFIED FOR JOMA BLADES, 1020 GRADE CARBON STEEL, MOLDBOARD SECTION IS 3/4 IN. THICK, PLOW SIDE IS 1 IN. THICK, 2 HOLES, ONE ON MOLD- BOARD SECTION, AND ONE ON PLOW SIDE SECTION, PUNCHINGS SHALL BE 11/16 INCH SQUARE HOLES, WITH THE HOLES COUNT- ERSUNK 80 TO 82 DEGREES, .120 INCH MINIMUM DEPTH TO .180 INCH MAXIMUM DEPTH TO RECEIVE A 5/8 IN. DIAMETER PLOW BOLT, SUPPLIED 2 UNASSEMBLED PIECES, ZIP TIED TOGETHER, AS PER ATTACHED DRAWING			\$0.00	\$0.00
11993	AB36A7 IRONHAWK	CARBIDE ADAPTOR BLADE, 3/4 IN. X 7 IN. X 36 IN., 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE			\$0.00	\$0.00
11994	LE36 IRONHAWK	BLADE, 7/8 IN. X 6 IN. X 36 IN. FOR 3 FT LAKE EFFECT BLADE.		Kueper Tuca Sx Wave PN: 34855836XB	\$612.00	\$42,840.00
11995	LE36CB IRONHAWK	STRAP, (CLAMP BAR), 3 FT., FOR LAKE EFFECT PLOW BLADE.			\$0.00	\$0.00
11996	AB48A7 IRONHAWK	BLADE, CARBIDE ADAPTER, 3/4 IN. X 7 IN. X 48 IN., LAKE EFFECT PLOW BLADE.			\$0.00	\$0.00
11997	PBA-LE12 IRONHAWK	PLOW BLADE, 12 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT CONTAINS: 3 EA #AB48A7 4 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 3 EA #LE48 4 FT. LAKE EFFECT BLADE, 3 EA #LE48CB 4 FT. CLAMP BAR, 1 EA #SG126112LL BLADE PROTECTOR LEFT, 1 EA #SG126112LR BLADE PROTECTOR RIGHT, 1 EA #KIT-LE12 LAKE EFFECT BOLT KIT.		Kueper Tuca Sx Wave Qty:3- 4ft Sections	\$2,448.00	\$48,960.00
11998	LE48 IRONHAWK	BLADE, 7/8 IN. X 6 IN. X 48 IN. LAKE EFFECT PLOW BLADE SYSTEM.		Kueper Tuca Sx Wave PN:34855936XB	\$816.00	\$122,400.00
11999	LE48CB IRONHAWK	STRAP, (CLAMP BAR), 4 FT., FOR LAKE EFFECT PLOW BLADE.			\$0.00	\$0.00
12000	SG126112LL IRONHAWK	HEAVY DUTY CURB GUARD (BLADE PROTECTOR), 6 IN LEFT LAKE EFFECT.		Kueper 300000002	\$209.00	\$6,270.00
12001	SG126112LR IRONHAWK	HEAVY DUTY CURB GUARD (BLADE PROTECTOR), 6 IN RIGHT FOR LAKE EFFECT.		Kueper 300000003	\$209.00	\$8,360.00

Bid 166000-2019-B 9/4/2019 Northern Supply Bloomfield, NY

	9/4/2019	/4/2019				
Material	Primary Mfg Part Number	Description	Lead Time (days or weeks)	Vendor Product Number	Unit Price	Estimated Total Price
12002	SG126112 IRONHAWK	CENTER GUARD, ARTICULATING BLADE PROTECTOR FOR LAKE EFFECT PLOW SYSTEM.			\$0.00	\$0.00
13114	PBA-LE11 IRONHAWK	PLOW BLADE, 11 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT CONTAINS: 1 EA #AB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 1 EA #LE36CB 3 FT. LAKE EFFECT BLADE, 1 EA #LE36CB 3 FT. CLAMP BAR, 2 EA #AB48AX 4 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE48CB 4 FT. CLAMP BAR, 1 EA #SG126112LL BLADE PROTECTOR LEFT, 1 EA #SG126112LR BLADE PROTECTOR BLADE, 2 EA #LE48CB 4 FT. CLAMP BAR, 1 EA #KIT LE12 LAKE EFFECT BOLT KIT		Kueper Tuca Sx Wave QTY: 1-3Ft Section QTY: 2-4Ft Sections	\$2,244.00	\$11,220.00
13126	PBA-LE9 IRONHAWK	PLOW BLADE, 9 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT CONTAINS: 3 EA #AB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 3 EA #LE36CB 3 FT. LAKE EFFECT CLAMP BAR, 1 EA #SG126112LL BLADE PROTECTOR LEFT, 1 EA #SG126112LR BLADE PROTECTOR RIGHT, 1 EA #KIT-LE12 LAKE EFFECT BOLT KIT		Kueper Tuca Sx Wave QTY: 3-3Ft Sections	\$1,836.00	\$9,180.00
13127	PBA-LE10 IRONHAWK	PLOW BLADE, 10 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT CONTAINS: 2 EA #AB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE36 3 FT. LAKE EFFECT BLADE, 2 EA #LE36CB 3 FT. LAKE EFFECT CLAMP BAR, 1 EA #LE48A7 4 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 1 EA #LE48 4 FT. LAKE EFFECT BLADE, 1 EA #LE48CB 4 FT. LAKE EFFECT CLAMP BAR, 1 EA #SG126112LL BLADE PROTECTOR LEFT, 1 EA #SG126112LR BLADE PROTECTOR RIGHT, 1 EA #KIT-LE12 LAKE EFFECT BOLT KIT.		Kueper Tuca Sx Wave QTY: 2-3Ft Sections QTY: 1-4Ft Section	\$2,040.00	\$10,200.00
13128	PBA-LE14 IRONHAWK	PLOW BLADE, 14 FT. INITIAL SET UP KIT FOR LAKE EFFECT PLOW BLADE SYSTEM, KIT CONTAINS: 2 EA #AB36A7 3 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE36 3 FT. LAKE EFFECT BLADE, 2 EA #LE36CB 3 FT. LAKE EFFECT CLAMP BAR, 2 EA #LE48A7 4 FT. ADAPTOR BLADE FOR LAKE EFFECT BLADE, 2 EA #LE48 4 FT. LAKE EFFECT BLADE, 2 EA #LE48CB 4 FT. LAKE EFFECT CLAMP BAR, 1 EA #SG126112LL BLADE PROTECTOR LEFT, 1 EA #SG126112LR BLADE PROTECTOR RIGHT, 1 EA #KIT-LE14 LAKE EFFECT BOLT KIT.		Kueper Tuca Sx Wave QTY: 2-3Ft Sections QTY: 2-4Ft Sections	\$2,856.00	\$2,856.00
13645	FW580 IRONHAWK	WASHER, 5/8 IN., STRUCTURAL FLAT, FOR LAKE EFFECT BLADE INSTALLATION.			\$0.00	\$0.00