

Price quote	<b>6.0 NON MnDOT PRICE SCHEDULE - FRONT SNOW PLOW</b>	
Vendor Name	<b>J-Craft, Inc.</b>	
Contact Person	<b>Brandon Oachs or Shane Bretzman</b>	
Street Address	<b>52182 Ember Road</b>	
P.O. Box:		
City, State, Zip	<b>Lake Crystal MN, 56055</b>	
Phone #:	<b>507-726-2828</b>	
Toll Free #:	<b>1-800-763-6017</b>	
Fax #:	<b>507-725-2559</b>	
Email Address	<b>boachs@tbei.com or sbretzman@tbei.com</b>	

	Information Requested	Answer
	Plow Type (Right Hand Snow Plow)	
6.00	R.H. snow plow, Make & Model	Henke 30-47 R.H. One Way Fixed Angle Plows
	Nose height	Intake Heights - 30"
	Discharge height	Discharge Heights - 47"
	Plow throat depth from vertical to deepest point	34"
	Plowing angle	35 degrees
	Moldboard thickness & type of steel	3/16" Thick, Rolled Plate Moldboard with Integral Shield
	Type, size and number of vertical reinforcement ribs	Plate, 1/2" x 4" Tapered, Qty. 5 (Depends on Length)
	Adjustable cutting edge angles to pavement measured from roadway surface through perpendicular back toward truck	3 positions from 10 to 25 degrees
	State number of hook up points from moldboard to frame	4 points with 1" bearing surface
	Type and size of reinforcement of frog at either end	5/8" x 4" x 4" with 1/2" gussets between bolt holes
	Type of left side nose	1/4" landslide plate on leading end of moldboard
	Size and type of reinforced snow flap	2 ply 12" rubber flap (optional)
	Type of Pivot Push-Beam	4" x 4" x 3/8" square steel tube
	Cutting Edge (AASHO punched) size.	See Below for Cutting Edges
	Distance beyond vertical that nose snow deflectors integrate with moldboard extends	20"
	Distance beyond vertical that discharge snow deflectors integral with moldboard extends	34"
	Size of adjustable snow shoes	See Below for Shoe Options
	Weight of plow (less hitch and hydraulics)	2,243 lbs average weight between 10' - 11' plows
	Type and number of re-settable HD compression spring trip mechanism	See Below for Trip Type

Painting system with type of paint	painted to your color specification (verify at time of order)
Warranty Info	12 months from "In-Service" date

<b>List Volume Discounts:</b>	
Quantity 3 or more Plows (Plow Line Item Only)	<b>2%</b>
Quantity 5 or more Plows (Plow Line Item Only)	<b>4%</b>
<b>TOTAL PRICE:</b>	<b>SEE SCHEDULE BELOW</b>

Item #	Description	Answer
6.001	R.H. FIXED-10'-30-47 - External Compression Trip - LESS CUTTING ED	<b>\$5,506.00</b>
6.002	R.H. FIXED-10'-30-47 - Enclosed Spring Trip - LESS CUTTING EDGES	<b>\$5,358.00</b>
6.003	R.H. FIXED-11'-30-47 - External Compression Trip - LESS CUTTING ED	<b>\$5,541.00</b>
6.004	R.H. FIXED-11'-30-47 - Enclosed Spring Trip - LESS CUTTING EDGES	<b>\$5,735.00</b>

<b>R.H. Plow Options</b>		
Item #	Plow Half Swivel	Answer
6.1	Plow Portion 46-B-MN	<b>\$536.00</b>
6.2	Plow Portion UH30" C-C	<b>\$402.00</b>
6.3	Plow Portion UH30.5" C-C	<b>\$402.00</b>
6.4	Plow Portion Tor-Lock (Arrowhead)	<b>\$802.00</b>
6.5	Plow Portion UQH	<b>\$879.00</b>
6.6	Plow Portion QL2	<b>\$548.00</b>
6.7	Plow Portion QCP	<b>\$306.00</b>
6.8	Plow Portion 29" Husting Hitch	<b>\$1,286.00</b>
6.9	Plow Portion 34" Husting Hitch	<b>\$1,306.00</b>
6.10	Plow Portion Coates Spear	<b>\$785.00</b>

Item #	Cutting Edges & Wear Components	Answer
6.11	Carbon Cutting Edge .50X8X120	<b>\$170.00</b>
6.12	Carbon Cutting Edge .50X8X132	<b>\$194.00</b>
6.13	Carbon Cutting Edge .625X8X120	<b>\$192.00</b>
6.14	Carbon Cutting Edge .625X8X132	<b>\$200.00</b>
6.15	Carbon Cutting Edge .75X8X120	<b>\$275.00</b>
6.16	Carbon Cutting Edge .75X8X132	<b>\$211.00</b>
6.17	Carbide Cutting Edge .75X8X132	<b>\$1,035.00</b>
6.18	Carbide Cutting Edge .75X8X144	<b>\$1,129.00</b>
6.19	1 1/2" x 10" Rubber Cutting Edge with Steel Backer	<b>\$796.00</b>
6.20	36" Kuper GK 5 Blade System Sections	<b>\$677.00</b>
6.21	48" Kuper GK 5 Blade System Sections	<b>\$900.00</b>
6.22	36" PolarFlex WING/PLOW ONLY Cutting Edge System Sections	<b>\$925.00</b>
6.23	48" PolarFlex WING/PLOW ONLY Cutting Edge System Sections	<b>\$1,450.00</b>
6.24	36" Joma WING/PLOW ONLY Cutting Edge System Sections	<b>\$1,455.00</b>
6.25	48" Joma WING/PLOW ONLY Cutting Edge System Sections	<b>\$1,938.00</b>
6.26	Add for 8" CARBON moldboard curb guard each (Left or Right)	<b>\$98.00</b>
6.27	Add for 8" CARBIDE moldboard curb guard each (Left or Right)	<b>\$145.00</b>
6.28	8" Cast Wear Shoe (Each)	<b>\$140.00</b>

Item #	Running Gear	Answer
6.29	3" x 8" Steel Wheels (Pair)	<b>\$1,475.00</b>
6.30	1" x 6" Runners OWFA Plows (Pair)	<b>\$977.00</b>
6.31	1" x 6" Runners Carbide OWFA Plows (Pair)	<b>\$1,630.00</b>
6.32	11" Mushroom Shoes (Pair)	<b>\$966.00</b>
6.33	11" Mushroom Shoes Carbide (Pair)	<b>\$1,300.00</b>
6.34	8" Pneumatic Runners OWFA (Pair)	<b>\$1,441.00</b>
6.35	Snow Wheel Systems Brackets Only (includes XL push-beam) (Pair)	<b>\$420.00</b>
6.36	Snow Wheel Systems Single or Dual Wheel Complete (Pair)	<b>\$2,986.00</b>

Item #	Features	Answer
6.37	Rod Markers (Pair)	<b>\$40.00</b>
6.38	Jack Stand	<b>\$66.00</b>
6.39	Rubber Shield 10' - 30-47 OWFA Plows	<b>\$136.00</b>
6.40	Rubber Shield 11' - 30-47 OWFA Plows	<b>\$140.00</b>
6.41	One-Way With Power Reversing with Standard Chain Lift	<b>\$890.00</b>
6.42	One-Way Power Reversing with Tube Table Push Frame and Henke Sliding Level Lift (Note: 4" x 10" Lift Cylinder MUST be Selected)	<b>\$2,295.00</b>
6.43	Hydraulic Layback Cylinder On Moldboard*(Slotted Trip or Rigid Only)	<b>\$620.00</b>
6.44	Cable Lift in lieu of Chain Lift	<b>\$69.00</b>

	Cost per Loaded Mile for Delivery of Hoist	\$2.25
	Delivery Starting Point City, State, & Zip:	<b>Lake Crystal, MN 56055</b>
	Body Shop Rate	N/A
	Mechanic Shop Rate	\$130.00

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	Information Requested	Answer
	Plow Type (Right Hand Snow Plow)	
6.00	R.H. snow plow, Make & Model	Henke 39-52 R.H. One Way Fixed Angle Plows
	Nose height	Intake Heights - 39"
	Discharge height	Discharge Heights - 52"
	Plow throat depth from vertical to deepest point	34"
	Plowing angle	35 degrees
	Moldboard thickness & type of steel	3/16" Thick, Rolled Plate Moldboard with Integral Shield
	Type, size and number of vertical reinforcement ribs	Plate, 1/2" x 4" Tapered, Qty. 5 (Depends on Length)
	Adjustable cutting edge angles to pavement measured from roadway surface through perpendicular back toward truck	3 positions from 10 to 25 degrees
	State number of hook up points from moldboard to frame	4 points with 1" bearing surface
	Type and size of reinforcement of frog at either end	5/8" x 4" x 4" with 1/2" gussets between bolt holes
	Type of left side nose	1/4" landslide plate on leading end of moldboard
	Size and type of reinforced snow flap	2 ply 12" rubber flap (optional)
	Type of Pivot Push-Beam	4" x 4" x 3/8" square steel tube
	Cutting Edge (AASHO punched) size.	See Below for Cutting Edges
	Distance beyond vertical that nose snow deflectors integrate with moldboard extends	20"
	Distance beyond vertical that discharge snow deflectors integral with moldboard extends	34"
	Size of adjustable snow shoes	See Below for Shoe Options
	Weight of plow (less hitch and hydraulics)	2,296 lbs average weight between 10' - 12' plows
	Type and number of re-settable HD compression spring trip mechanism	See Below for Trip Type

Painting system with type of paint	Commercial Blast, Industrial primer, Plow painted to your color specification (verify at time of order)
Warranty Info	12 months from "In-Service" date

<b>List Volume Discounts:</b>	
Quantity 3 or more Plows (Plow Line Item Only)	<b>2%</b>
Quantity 5 or more Plows (Plow Line Item Only)	<b>4%</b>
<b>TOTAL PRICE:</b>	<b>SEE SCHEDULE BELOW</b>

Item #	Description	Answer
6.001	R.H. FIXED-10'-39-52 - External Cmpression Trip - LESS CUTTING ED	<b>\$6,176.00</b>
6.002	R.H. FIXED-10'-39-52 - Enclosed Spring Trip - LESS CUTTING EDGES	<b>\$5,962.00</b>
6.003	R.H. FIXED-10'-39-52 - Slotted Trip - LESS CUTTING EDGES	<b>\$6,241.00</b>
6.004	R.H. FIXED-11'-39-52 - External Cmpression Trip - LESS CUTTING ED	<b>\$6,282.00</b>
6.005	R.H. FIXED-11'-39-52 - Enclosed Spring Trip - LESS CUTTING EDGES	<b>\$6,038.00</b>
6.006	R.H. FIXED-11'-39-52 - Slotted Trip - LESS CUTTING EDGES	<b>\$6,309.00</b>
6.007	R.H. FIXED-12'-39-52 - External Cmpression Trip - LESS CUTTING ED	<b>\$6,372.00</b>
6.008	R.H. FIXED-12'-39-52 - Enclosed Spring Trip - LESS CUTTING EDGES	<b>\$6,205.00</b>
6.009	R.H. FIXED-12'-39-52 - Slotted Trip - LESS CUTTING EDGES	<b>\$6,388.00</b>

<b>R.H. Plow Options</b>		
Item #	Plow Half Swivel	Answer
6.1	Plow Portion 46-B-MN	<b>\$536.00</b>
6.2	Plow Portion UH30" C-C	<b>\$402.00</b>
6.3	Plow Portion UH30.5" C-C	<b>\$402.00</b>
6.4	Plow Portion Tor-Lock (Arrowhead)	<b>\$802.00</b>
6.5	Plow Portion UQH	<b>\$879.00</b>
6.6	Plow Portion QL2	<b>\$548.00</b>
6.7	Plow Portion QCP	<b>\$306.00</b>
6.8	Plow Portion 29" Husting Hitch	<b>\$1,286.00</b>
6.9	Plow Portion 34" Husting Hitch	<b>\$1,306.00</b>
6.10	Plow Portion Coates Spear	<b>\$785.00</b>

Item #	Cutting Edges & Wear Components	Answer
6.11	Carbon Cutting Edge .50X8X120	<b>\$170.00</b>
6.12	Carbon Cutting Edge .50X8X132	<b>\$194.00</b>
6.13	Carbon Cutting Edge .50X8X144	<b>\$223.00</b>
6.14	Carbon Cutting Edge .625X8X120	<b>\$192.00</b>
6.15	Carbon Cutting Edge .625X8X132	<b>\$200.00</b>
6.16	Carbon Cutting Edge .625X8X144	<b>\$260.00</b>
6.17	Carbon Cutting Edge .75X8X120	<b>\$275.00</b>
6.18	Carbon Cutting Edge .75X8X132	<b>\$211.00</b>
6.19	Carbon Cutting Edge .75X8X144	<b>\$262.00</b>
6.20	Carbide Cutting Edge .75X8X120	<b>\$942.00</b>
6.21	Carbide Cutting Edge .75X8X132	<b>\$1,035.00</b>
6.22	Carbide Cutting Edge .75X8X144	<b>\$1,129.00</b>
6.23	1 1/2" x 10" Rubber Cutting Edge with Steel Backer	<b>\$796.00</b>
6.24	36" Kuper GK 5 Blade System Sections	<b>\$677.00</b>
6.25	48" Kuper GK 5 Blade System Sections	<b>\$900.00</b>
6.26	36" PolarFlex WING/PLOW ONLY Cutting Edge System Sections	<b>\$925.00</b>
6.27	48" PolarFlex WING/PLOW ONLY Cutting Edge System Sections	<b>\$1,450.00</b>
6.28	36" Joma WING/PLOW ONLY Cutting Edge System Sections	<b>\$1,455.00</b>
6.29	48" Joma WING/PLOW ONLY Cutting Edge System Sections	<b>\$1,938.00</b>
6.30	Add for 8" CARBON moldboard curb guard each (Left or Right)	<b>\$98.00</b>
6.31	Add for 8" CARBIDE moldboard curb guard each (Left or Right)	<b>\$145.00</b>
6.32	8" Cast Wear Shoe (Each)	<b>\$140.00</b>

Item #	Running Gear	Answer
6.33	3" x 8" Steel Wheels (Pair)	<b>\$1,475.00</b>
6.34	1" x 6" Runners OWFA Plows (Pair)	<b>\$977.00</b>
6.35	1" x 6" Runners Carbide OWFA Plows (Pair)	<b>\$1,630.00</b>
6.36	11" Mushroom Shoes (Pair)	<b>\$966.00</b>
6.37	11" Mushroom Shoes Carbide (Pair)	<b>\$1,300.00</b>
6.38	8" Pneumatic Runners OWFA (Pair)	<b>\$1,441.00</b>
6.39	Snow Wheel Systems Brackets Only (includes XL push-beam) (Pair)	<b>\$420.00</b>
6.40	Snow Wheel Systems Single or Dual Wheel Complete (Pair)	<b>\$2,986.00</b>
Item #	Features	Answer
6.41	Rod Markers (Pair)	<b>\$40.00</b>
6.42	Jack Stand	<b>\$66.00</b>
6.43	Rubber Shield 10' - 39-52 OWFA Plows	<b>\$115.00</b>
6.44	Rubber Shield 11' - 39-52 OWFA Plows	<b>\$122.00</b>
6.45	Rubber Shield 12' - 39-52 OWFA Plows	<b>\$130.00</b>
6.46	One-Way With Power Reversing with Standard Chain Lift	<b>\$890.00</b>
6.47	One-Way Power Reversing with Tube Table Push Frame and Henke Sliding Level Lift (Note: 4" x 10" Lift Cylinder MUST be Selected)	<b>\$2,295.00</b>
6.48	Hydraulic Layback Cylinder On Moldboard*(Slotted Trip or Rigid Only)	<b>\$620.00</b>
6.49	Cable Lift in lieu of Chain Lift	<b>\$69.00</b>

	Cost per Loaded Mile for Delivery of Hoist	<b>\$2.25</b>
	Delivery Starting Point City, State, & Zip:	<b>Lake Crystal, MN 56055</b>
	Body Shop Rate	N/A
	Mechanic Shop Rate	<b>\$130.00</b>

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Information Requested		Answer
Plow Type (Right Hand Snow Plow)		
6.00	R.H. snow plow, Make & Model	Henke 30-60 R.H. One Way Fixed Angle Plows
	Nose height	Intake Heights - 30"
	Discharge height	Discharge Heights - 60"
	Plow throat depth from vertical to deepest point	34"
	Plowing angle	35 degrees
	Moldboard thickness & type of steel	3/16" Thick, Rolled Plate Moldboard with Integral Shield
	Type, size and number of vertical reinforcement ribs	Plate, 1/2" x 4" Tapered, Qty. 5 (Depends on Length)
	Adjustable cutting edge angles to pavement measured from roadway surface through perpendicular back toward truck	3 positions from 10 to 25 degrees
	State number of hook up points from moldboard to frame	4 points with 1" bearing surface
	Type and size of reinforcement of frog at either end	5/8" x 4" x 4" with 1/2" gussets between bolt holes
	Type of left side nose	1/4" landslide plate on leading end of moldboard
	Size and type of reinforced snow flap	2 ply 12" rubber flap (optional)
	Type of Pivot Push-Beam	4" x 4" x 3/8" square steel tube
	Cutting Edge (AASHO punched) size.	See Below for Cutting Edges
	Distance beyond vertical that nose snow deflectors integrate with moldboard extends	20"
	Distance beyond vertical that discharge snow deflectors integral with moldboard extends	34"
	Size of adjustable snow shoes	See Below for Shoe Options
	Weight of plow (less hitch and hydraulics)	2,325 lbs average weight between 11' - 12' plows
	Type and number of re-settable HD compression spring trip mechanism	See Below for Trip Type

Painting system with type of paint	Commercial Blast, Industrial primer, Plow painted to your color specification (verify at time of order)
Warranty Info	12 months from "In-Service" date

List Volume Discounts:	
Quantity 3 or more Plows (Plow Line Item Only)	2%
Quantity 5 or more Plows (Plow Line Item Only)	4%
<b>TOTAL PRICE:</b>	<b>SEE SCHEDULE BELOW</b>

Item #	Description	Answer
6.001	R.H. FIXED-11'-30-60 - External Compression Trip - LESS CUTTING ED	\$6,522.00
6.002	R.H. FIXED-11'-30-60 - Slotted Trip - LESS CUTTING EDGES	\$6,622.00
6.003	R.H. FIXED-11'-30-60 - Rigid - LESS CUTTING EDGES	\$5,926.00
6.004	R.H. FIXED-12'-30-60 - External Compression Trip - LESS CUTTING ED	\$6,323.00
6.005	R.H. FIXED-12'-30-60 - Slotted Trip - LESS CUTTING EDGES	\$6,420.00
6.006	R.H. FIXED-12'-30-60 - Rigid - LESS CUTTING EDGES	\$6,001.00

R.H. Plow Options		
Item #	Plow Half Swivel	Answer
6.1	Plow Portion 46-B-MN	\$536.00
6.2	Plow Portion UH30" C-C	\$402.00
6.3	Plow Portion UH30.5" C-C	\$402.00
6.4	Plow Portion Tor-Lock (Arrowhead)	\$802.00
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	Information Requested	Answer
	Plow Type (Right Hand Snow Plow)	
6.00	R.H. snow plow, Make & Model	Henke 40-65 R.H. One Way Fixed Angle Plows
	Nose height	Intake Heights - 40"
	Discharge height	Discharge Heights - 65"
	Plow throat depth from vertical to deepest point	34"
	Plowing angle	35 degrees
	Moldboard thickness & type of steel	3/16" Thick, Rolled Plate Moldboard with Integral Shield
	Type, size and number of vertical reinforcement ribs	Plate, 1/2" x 4" Tapered, Qty. 5 (Depends on Length)
	Adjustable cutting edge angles to pavement measured from roadway surface through perpendicular back toward truck	3 positions from 10 to 25 degrees
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	Type of left side nose	1/4" landslide plate on leading end of moldboard
	Size and type of reinforced snow flap	2 ply 12" rubber flap (optional)
	Type of Pivot Push-Beam	4" x 4" x 3/8" square steel tube
	Cutting Edge (AASHO punched) size.	See Below for Cutting Edges
	Distance beyond vertical that nose snow deflectors integrate with moldboard extends	20"
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	Size of adjustable snow shoes	See Below for Shoe Options
	Weight of plow (less hitch and hydraulics)	2,412 lbs average weight between 11' - 12' plows
	Type and number of re-settable HD compression spring trip mechanisms	See Below for Trip Type

Painting system with type of paint	painted to your color specification (verify at time of order)
Warranty Info	12 months from "In-Service" date

<b>List Volume Discounts:</b>	
Quantity 3 or more Plows (Plow Line Item Only)	2%
Quantity 5 or more Plows (Plow Line Item Only)	4%
<b>TOTAL PRICE:</b>	<b>SEE SCHEDULE BELOW</b>

Item #	Description	Answer
6.001	R.H. FIXED ANGLE-11' - 40-65 - Slotted Trip - LESS CUTTING EDGES	\$6,513.00
6.002	R.H. FIXED ANGLE-12' - 40-65 - Slotted Trip - LESS CUTTING EDGES	\$6,976.00

<b>R.H. Plow Options</b>		
Item #	Plow Half Swivel	Answer
6.1	Plow Portion 46-B-MN	\$536.00
6.2	Plow Portion UH30" C-C	\$402.00
6.3	Plow Portion UH30.5" C-C	\$402.00
6.4	Plow Portion Tor-Lock (Arrowhead)	\$802.00
6.5	Plow Portion UQH	\$879.00
6.6	Plow Portion QL2	\$548.00
6.7	Plow Portion QCP	\$306.00
6.8	Plow Portion 29" Husting Hitch	\$1,286.00
6.9	Plow Portion 34" Husting Hitch	\$1,306.00
6.10	Plow Portion Coates Spear	\$785.00

Item #	Cutting Edges & Wear Components	Answer
6.11	Carbon Cutting Edge .50X8X132	\$194.00
6.12	Carbon Cutting Edge .50X8X144	\$223.00
6.13	Carbon Cutting Edge .625X8X132	\$200.00
6.14	Carbon Cutting Edge .625X8X144	\$260.00
6.15	Carbon Cutting Edge .75X8X132	\$211.00
6.16	Carbon Cutting Edge .75X8X144	\$262.00
6.17	Carbide Cutting Edge .75X8X132	\$1,035.00
6.18	Carbide Cutting Edge .75X8X144	\$1,129.00
6.19	1 1/2" x 10" Rubber Cutting Edge with Steel Backer	\$796.00
6.20	36" Kuper GK 5 Blade System Sections	\$677.00
6.21	48" Kuper GK 5 Blade System Sections	\$900.00
6.22	36" PolarFlex WING/PLOW ONLY Cutting Edge System Sections	\$925.00
6.23	48" PolarFlex WING/PLOW ONLY Cutting Edge System Sections	\$1,450.00
6.24	36" Joma WING/PLOW ONLY Cutting Edge System Sections	\$1,455.00
6.25	48" Joma WING/PLOW ONLY Cutting Edge System Sections	\$1,938.00
6.26	Add for 8" CARBON moldboard curb guard each (Left or Right)	\$98.00
6.27	Add for 8" CARBIDE moldboard curb guard each (Left or Right)	\$145.00
6.28	8" Cast Wear Shoe (Each)	\$140.00

Item #	Running Gear	Answer
6.29	3" x 8" Steel Wheels (Pair)	\$1,475.00
6.30	1" x 6" Runners OWFA Plows (Pair)	\$977.00
6.31	1" x 6" Runners Carbide OWFA Plows (Pair)	\$1,630.00
6.32	11" Mushroom Shoes (Pair)	\$966.00
6.33	11" Mushroom Shoes Carbide (Pair)	\$1,300.00
6.34	8" Pneumatic Runners OWFA (Pair)	\$1,441.00
6.35	Snow Wheel Systems Brackets Only (includes XL push-beam) (Pair)	\$420.00
6.30	Snow Wheel Systems Single or Dual Wheel Complete (Pair)	\$2,986.00

Item #	Features	Answer
6.31	Rod Markers (Pair)	\$40.00

6.32	Jack Stand	<b>\$66.00</b>
6.33	Rubber Shield 11' - 40-65 OWFA Plows	<b>\$122.00</b>
6.34	Rubber Shield 12' - 40-65 OWFA Plows	<b>\$130.00</b>
6.35	One-Way With Power Reversing with Standard Chain Lift	<b>\$890.00</b>
6.36	One-Way Power Reversing with Tube Table Push Frame and Henke Sliding Level Lift (Note: 4" x 10" Lift Cylinder MUST be Selected)	<b>\$2,295.00</b>
6.37	Hydraulic Layback Cylinder On Moldboard*(Slotted Trip or Rigid Only)	<b>\$620.00</b>
6.38	Cable Lift in lieu of Chain Lift	<b>\$69.00</b>

	Cost per Loaded Mile for Delivery of Hoist	\$2.25
	Delivery Starting Point City, State, & Zip:	<b>Lake Crystal, MN 56055</b>
	Body Shop Rate	N/A
	Mechanic Shop Rate	\$130.00

Price quote	<b>6.0 NON MnDOT PRICE SCHEDULE - FRONT SNOW PLOW</b>
Vendor Name	<b>J-Craft, Inc.</b>
Contact Person	<b>Brandon Oachs or Shane Bretzman</b>
Street Address	<b>52182 Ember Road</b>
P.O. Box:	
City, State, Zip	<b>Lake Crystal MN, 56055</b>
Phone #:	<b>507-726-2828</b>
Toll Free #:	<b>1-800-763-6017</b>
Fax #:	<b>507-725-2559</b>
Email Address	<b>boachs@tbei.com or sbretzman@tbei.com</b>

	Information Requested	Answer
	Plow Type (Reversible Light Line Plows)	
6.00	Two-Way Reversible Snow Plow - Make and Model	Henke 2 -Way Reversible Light Line Plows
	Moldboard height	30" OR 36"
	Discharge Height	30" OR 36"
	Plow Throat depth from vertical to deepest point in.	26"
	Plowing Angle	35 degrees
	Moldboard thickness & type of steel	10 gauge Rolled Plate Moldboard with Integral Shield & Stich Welded
	Type, size and number of vertical reinforcement ribs.	Plate, 1/2" x 4" Tapered, Qty. 6
	Adjustable Cutting Edge Angles to Pavement Measured from Roadway Surface through Perpendicular Back Toward Truck	3 positions from 10 to 25 degrees
	State number of hook up points from moldboard to frame.	4 points with 1" bearing surface in bushings
	Type and size of reinforcement of frog at either end.	3/4" x 4" x 4" with 1/2" gussets between bolt hole
	Type of Left Side Nose	Open
	Type and size of circle frame	3 1/2" x 3 1/2" x 1/2" rolled angle w/ span 67" Non-Inverted Circle Frame
	Size of double acting reversing cylinders.	Hydraulic power reverse with (2) 3" x 10" x 2" D.A. cylinders & cushion valve
	Size and type of reinforced snow flap	2 ply 12" rubber flap (optional)
	Type and size of push frame	4" x 4" x 3/8" square steel tube
	Cutting Edge (AASHO punched) size.	See Below for Cutting Edges
	Distance beyond vertical that snow deflectors integral with moldboard extends.	18" at 10 degree layback
	Size of adjustable snow shoes	See Below for Shoe Options
	Weight of plow (less hitch and hydraulics)	1,300 lbs average weight between 10' - 11' plows

Type and number of resettable HD compression spring trip mechanisms.	ECT - External compression trip OR EST - Enclosed Spring Trip
Painting system with type of paint	Painted to your color specification (verify at time of order)
Warranty Info	12 months from "In-Service" date

<b>List Volume Discounts:</b>	
Quantity 3 or more Plows (Plow Line Item Only)	<b>2%</b>
Quantity 5 or more Plows (Plow Line Item Only)	<b>4%</b>
<b>TOTAL PRICE:</b>	<b>SEE SCHEDULE BELOW</b>

Item #	Description	Answer
6.001	LIGHT LINE PLOW - 30R10IS-ECT- LESS CUTTING EDGES	<b>\$5,926.00</b>
6.002	LIGHT LINE PLOW - 30R11IS-ECT- LESS CUTTING EDGES	<b>\$5,855.00</b>
6.003	LIGHT LINE PLOW - 36R10IS-EST-LESS CUTTING EDGES	<b>\$5,685.00</b>
6.004	LIGHT LINE PLOW - 36R11IS-EST- LESS CUTTING EDGES	<b>\$5,617.00</b>

<b>Reversible Plow Options</b>		
Item #	Plow Half Swivel	Answer
6.1	Plow Portion 46-B-MN	<b>\$536.00</b>
6.2	Plow Portion UH30" C-C	<b>\$402.00</b>
6.3	Plow Portion UH30.5" C-C	<b>\$402.00</b>
6.4	Plow Portion Tor-Lock (Arrowhead)	<b>\$802.00</b>
6.5	Plow Portion UQH	<b>\$879.00</b>
6.6	Plow Portion QL2	<b>\$548.00</b>
6.7	Plow Portion QCP	<b>\$306.00</b>
6.8	Plow Portion 29" Husting Hitch	<b>\$1,286.00</b>
6.9	Plow Portion 34" Husting Hitch	<b>\$1,306.00</b>
6.10	Plow Portion Coates Spear	<b>\$785.00</b>

Item #	Cutting Edges & Wear Components	Answer
6.11	Carbon Cutting Edge .50X8X120	<b>\$170.00</b>
6.12	Carbon Cutting Edge .50X8X132	<b>\$194.00</b>
6.13	Carbon Cutting Edge .50X8X144	<b>\$223.00</b>
6.14	Carbon Cutting Edge .625X8X120	<b>\$192.00</b>
6.15	Carbon Cutting Edge .625X8X132	<b>\$200.00</b>
6.16	Carbon Cutting Edge .625X8X144	<b>\$260.00</b>
6.17	Carbon Cutting Edge .75X8X120	<b>\$275.00</b>
6.18	Carbon Cutting Edge .75X8X132	<b>\$211.00</b>
6.19	Carbon Cutting Edge .75X8X144	<b>\$262.00</b>
6.20	Carbide Cutting Edge .75X8X120	<b>\$942.00</b>
6.21	Carbide Cutting Edge .75X8X132	<b>\$1,035.00</b>
6.22	Carbide Cutting Edge .75X8X144	<b>\$1,129.00</b>
6.23	1 1/2" x 10" Rubber Cutting Edge with Steel Backer	<b>\$796.00</b>
6.24	36" Kuper GK 5 Blade System Sections	<b>\$677.00</b>
6.25	48" Kuper GK 5 Blade System Sections	<b>\$900.00</b>
6.26	36" PolarFlex WING/PLOW ONLY Cutting Edge System Sections	<b>\$925.00</b>
6.27	48" PolarFlex WING/PLOW ONLY Cutting Edge System Sections	<b>\$1,450.00</b>
6.28	36" Joma WING/PLOW ONLY Cutting Edge System Sections	<b>\$1,455.00</b>
6.29	48" Joma WING/PLOW ONLY Cutting Edge System Sections	<b>\$1,938.00</b>
6.30	Add for 8" CARBON moldboard curb guard each (Left or Right)	<b>\$98.00</b>
6.31	Add for 8" CARBIDE moldboard curb guard each (Left or Right)	<b>\$145.00</b>
6.32	8" Cast Wear Shoe (Each)	<b>\$140.00</b>

Item #	Running Gear	Answer
6.33	3" x 8" Steel Wheels (Pair)	<b>\$1,520.00</b>

6.34	1" x 6" Runners Reversible Plows (Pair)	\$1,323.00
6.35	1" x 6" Runners Carbide Reversible Plows (Pair)	\$1,963.00
6.36	11" Mushroom Shoes (Pair)	\$966.00
6.37	11" Mushroom Shoes Carbide (Pair)	\$1,300.00
6.38	8" Pneumatic Runners (Pair)	\$1,486.00
6.39	Snow Wheel Systems Brackets Only (includes XL push-beam) (Pair)	\$420.00
6.40	Snow Wheel Systems 6509 Series Complete (Pair)	\$2,986.00
Item #	Features	Answer
6.41	Rod Markers (Pair)	\$40.00
6.42	Jack Stand	\$110.00
6.44	Rubber Shield 10	\$115.00
6.45	Rubber Shield 11	\$130.00
	Mailbox Cutout - Curbside Only	\$696.00
6.46	Mailbox Cutout - Dual Left & Right Sides	\$1,392.00
6.47	304 Stainless Steel Moldboard for 10'	\$550.00
6.48	304 Stainless Steel Moldboard for 11'	\$592.00
6.49	Cable Lift in lieu of Chain Lift	\$69.00

	Cost per Loaded Mile for Delivery of Hoist	\$2.25
	Delivery Starting Point City, State, & Zip:	Lake Crystal, MN 56055
	Body Shop Rate	N/A
	Mechanic Shop Rate	\$130.00

Price quote	<b>6.0 NON MnDOT PRICE SCHEDULE - FRONT SNOW PLOW</b>
Vendor Name	<b>J-Craft, Inc.</b>
Contact Person	<b>Brandon Oachs or Shane Bretzman</b>
Street Address	<b>52182 Ember Road</b>
P.O. Box:	
City, State, Zip	<b>Lake Crystal MN, 56055</b>
Phone #:	<b>507-726-2828</b>
Toll Free #:	<b>1-800-763-6017</b>
Fax #:	<b>507-725-2559</b>
Email Address	<b>boachs@tbei.com or sbretzman@tbei.com</b>

	Information Requested	Answer
	Plow Type (Reversible Road Warrior Plows)	
6.00	Two-Way Reversible Snow Plow - Make and Model	Henke 2 -Way Reversible Road Warrior Plows
	Moldboard height	30", 36", 42" OR 50"
	Discharge Height	30", 36", 42" OR 50"
	Plow Throat depth from vertical to deepest point in.	26"
	Plowing Angle	35 degrees
	Moldboard thickness & type of steel	10 gauge Rolled Plate Moldboard with Integral Shield & 100% fully welded
	Type, size and number of vertical reinforcement ribs.	Plate, 1/2" x 4" Tapered, Qty. 6
	Adjustable Cutting Edge Angles to Pavement Measured from Roadway Surface through Perpendicular Back Toward Truck	3 positions from 10 to 25 degrees
	State number of hook up points from moldboard to frame.	5 points with 1" bearing surface in bushings
	Type and size of reinforcement of frog at either end.	3/4" x 4" x 4" with 1/2" gussets between bolt holes
	Type of Left Side Nose	Open
	Type and size of circle frame	3 1/2" x 3 1/2" x 1/2" rolled angle w/ span 77.3" Inverted Circle Standard
	Size of double acting reversing cylinders.	Hydraulic power reverse with (2) 3" x 10" x 2" D.A. cylinders & cushion valve
	Size and type of reinforced snow flap	2 ply 12" rubber flap (optional)
	Type and size of push frame	4" x 4" x 3/8" square steel tube
	Cutting Edge (AASHO punched) size.	See Below for Cutting Edges
	extends.	26.5" at 10 degree layback
	Size of adjustable snow shoes	See Below for Shoe Options
	Weight of plow (less hitch and hydraulics)	1,771 lbs average weight between 10' - 12' plow
	Type and number of resettable HD compression spring trip mechanisms.	ECT - External compression trip

		Commercial Blast, Industrial primer, Plow painted to your color specification (verify at
Painting system with type of paint		
Warranty Info		12 months from "In-Service" date

<b>List Volume Discounts:</b>		
Quantity 3 or more Plows (Plow Line Item Only)		<b>2%</b>
Quantity 5 or more Plows (Plow Line Item Only)		<b>4%</b>
	<b>TOTAL PRICE:</b>	<b>SEE SCHEDULE BELOW</b>

Item #	Description	Answer
6.001	ROAD WARRIOR PLOW - 30R10IS-ECT- LESS CUTTING EDGES	\$5,235.00
6.002	ROAD WARRIOR PLOW - 30R11IS-ECT- LESS CUTTING EDGES	\$5,422.00
6.003	ROAD WARRIOR PLOW - 30R12IS-ECT- LESS CUTTING EDGES	\$5,485.00
6.004	ROAD WARRIOR PLOW - 36R10IS-ECT- LESS CUTTING EDGES	\$5,215.00
6.005	ROAD WARRIOR PLOW - 36R11IS-ECT- LESS CUTTING EDGES	\$6,220.00
6.006	ROAD WARRIOR PLOW - 36R12IS-ECT- LESS CUTTING EDGES	\$6,263.00
6.007	ROAD WARRIOR PLOW - 42R10IS-ECT- LESS CUTTING EDGES	\$6,030.00
6.008	ROAD WARRIOR PLOW - 42R11IS-ECT- LESS CUTTING EDGES	\$6,374.00
6.009	ROAD WARRIOR PLOW - 42R12IS-ECT- LESS CUTTING EDGES	\$6,411.00
6.010	ROAD WARRIOR PLOW - 50R10IS-ECT- LESS CUTTING EDGES	\$5,656.00
6.011	ROAD WARRIOR PLOW - 50R11IS-ECT- LESS CUTTING EDGES	\$5,726.00
6.012	ROAD WARRIOR PLOW - 50R12IS-ECT- LESS CUTTING EDGES	\$6,440.00

<b>Reversible Plow Options</b>		
Item #	Plow Half Swivel	Answer
6.1	Plow Portion 46-B-MN	\$536.00
6.2	Plow Portion UH30" C-C	\$402.00
6.3	Plow Portion UH30.5" C-C	\$402.00
6.4	Plow Portion Tor-Lock (Arrowhead)	\$802.00
6.5	Plow Portion UQH	\$879.00
6.6	Plow Portion QL2	\$548.00
6.7	Plow Portion QCP	\$306.00
6.8	Plow Portion 29" Husting Hitch	\$1,286.00
6.9	Plow Portion 34" Husting Hitch	\$1,306.00
6.10	Plow Portion Coates Spear	\$785.00

Item #	Cutting Edges & Wear Components	Answer
6.11	Carbon Cutting Edge .50X8X120	\$170.00
6.12	Carbon Cutting Edge .50X8X132	\$194.00
6.13	Carbon Cutting Edge .50X8X144	\$223.00
6.14	Carbon Cutting Edge .625X8X120	\$192.00
6.15	Carbon Cutting Edge .625X8X132	\$200.00
6.16	Carbon Cutting Edge .625X8X144	\$260.00
6.17	Carbon Cutting Edge .75X8X120	\$275.00
6.18	Carbon Cutting Edge .75X8X132	\$211.00
6.19	Carbon Cutting Edge .75X8X144	\$262.00
6.20	Carbide Cutting Edge .75X8X120	\$942.00
6.21	Carbide Cutting Edge .75X8X132	\$1,035.00
6.22	Carbide Cutting Edge .75X8X144	\$1,129.00
6.23	1 1/2" x 10" Rubber Cutting Edge with Steel Backer	\$796.00
6.24	36" Kuper GK 5 Blade System Sections	\$677.00
6.25	48" Kuper GK 5 Blade System Sections	\$900.00
6.26	36" PolarFlex WING/PLOW ONLY Cutting Edge System Sections	\$925.00
6.27	48" PolarFlex WING/PLOW ONLY Cutting Edge System Sections	\$1,450.00
6.28	36" Joma WING/PLOW ONLY Cutting Edge System Sections	\$1,455.00

6.29	48" Joma WING/PLOW ONLY Cutting Edge System Sections	\$1,938.00
6.30	Add for 8" CARBON moldboard curb guard each (Left or Right)	\$98.00
6.31	Add for 8" CARBIDE moldboard curb guard each (Left or Right)	\$145.00
6.32	8" Cast Wear Shoe (Each)	\$140.00
Item #	Running Gear	Answer
6.33	3" x 8" Steel Wheels (Pair)	\$1,520.00
6.34	1" x 6" Runners Reversible Plows (Pair)	\$1,323.00
6.35	1" x 6" Runners Carbide Reversible Plows (Pair)	\$1,963.00
6.36	11" Mushroom Shoes (Pair)	\$966.00
6.37	11" Mushroom Shoes Carbide (Pair)	\$1,300.00
6.38	8" Pneumatic Runners (Pair)	\$1,486.00
6.39	Snow Wheel Systems Brackets Only (includes XL push-beam) (Pair)	\$420.00
6.40	Snow Wheel Systems 6509 Series Complete (Pair)	\$2,986.00
Item #	Features	Answer
6.41	Rod Markers (Pair)	\$40.00
6.42	Jack Stand	\$110.00
6.43	Rubber Shield 10	\$115.00
6.44	Rubber Shield 11	\$130.00
6.45	Rubber Shield 12	\$140.00
6.46	EST - Single Enclosed Spring Trip (Only Available in 30", 36" & 42")	NO ADDITIONAL CHARGE
6.47	DEST - Dual Enclosed Spring Trip ADD	\$375.00
6.48	SSTE w/Individual Springs and Shafts- Square Spring Trip Edge ADD	\$891.00
6.49	SSTE Sixth (6th) Spring Kit (5 are standard)	\$130.00
6.50	CTE - Compression Trip Edge (3 section) ADD (Only Available in 36" & 42")	\$906.00
6.51	SLT - Slotted Trip IN LIEU of ECT - External Compression Trip	\$325.00
6.52	Mailbox Cutout - Curbside Only	\$696.00
6.53	Mailbox Cutout - Dual Left & Right Sides	\$1,392.00
6.54	Single Mouse Ear ADD	\$696.00
6.55	Dual Mouse Ear ADD	\$1,392.00
6.56	4" Hydraulic Power Reversing Cylinder IN LIEU of 3" Standard	\$698.00
6.57	(7) Moldboard to Push-frame Connections Points with Bushings IN LIEU of above	\$45.00
6.58	304 Stainless Steel Moldboard for 10', 11' & 12'	\$582.00
6.59	3/8" Poly Moldboard Overlay on Steel Moldboard for 10', 11' & 12'	\$574.00
6.60	3/8" Poly Moldboard Over HD Steel Frame for 10,11' & 12'	\$1,085.00
6.61	Sliding Level Lift (Excluding Husting Hitches)	\$518.00
6.62	Tube Table With Henke Sliding Level Lift (4" x 10" Lift Cyl. Recommended) ADD*	\$2,430.00
6.63	Cable Lift in lieu of Chain Lift	\$69.00

	Cost per Loaded Mile for Delivery of Hoist	\$2.25
	Delivery Starting Point City, State, & Zip:	Lake Crystal, MN 56055
	Body Shop Rate	N/A
	Mechanic Shop Rate	\$130.00

Price quote for:	<b>6.0 NON MnDOT PRICE SCHEDULE - FRONT SNOW PLOW</b>
Vendor Name:	<b>J-Craft, Inc.</b>
Contact Person:	<b>Brandon Oachs or Shane Bretzman</b>
Street Address:	<b>52182 Ember Road</b>
P.O. Box:	
City, State, Zip:	<b>Lake Crystal MN, 56055</b>
Phone #:	<b>507-726-2828</b>
Toll Free #:	<b>1-800-763-6017</b>
Fax #:	<b>507-725-2559</b>
Email Address:	<b>boachs@tbei.com or sbretzman@tbei.com</b>

	Information Requested	Answer
	Plow Type (Reversible RW PLP Plows)	
6.00	Two-Way Reversible Snow Plow - Make and Model	Henke 2 -Way Reversible Road Warrior PLP Plows
	Moldboard height	30", 36", 42" OR 50"
	Discharge Height	30", 36", 42" OR 50"
	Plow Throat depth from vertical to deepest point in.	26"
	Plowing Angle	35 degrees
	Moldboard thickness & type of steel	10 gauge Rolled Plate Moldboard with Integral Shield & 100% fully welded
	Type, size and number of vertical reinforcement ribs.	Plate, 1/2" x 4" Tapered, Qty. 6
	Adjustable Cutting Edge Angles to Pavement Measured from Roadway Surface through Perpendicular Back Toward Truck	3 positions from 10 to 25 degrees
	State number of hook up points from moldboard to frame.	5 connection points
	Type and size of reinforcement of frog at either end.	holes
	Type of Left Side Nose	Open
	Type and size of circle frame	N/A
	Size of double acting reversing cylinders.	Hydraulic power reverse & Plow Lift with (3) 4" x 15 1/8" x 2" D.A. cylinders & cushion valve to relieve reversing cylinders
	Size and type of reinforced snow flap	2 ply 12" rubber flap (optional)
	Type and size of push frame	Heavy-Duty, Tubular Steel Push Frame. Dual "A" arm lift with central pivot point to achieve parallel lift and oscillation. <b>NOTE: Henke parallel lift system (plow portion) Included, Henke parallel lift system flat plate hitch must be added (see truck hitches)</b>
	Cutting Edge (AASHO punched) size.	See Below for Cutting Edges

Distance beyond vertical that snow deflectors integral with moldboard extends.	26.5" at 10 degree layback
Size of adjustable snow shoes	See Below for Shoe Options
Weight of plow (less hitch and hydraulics)	plows
mechanisms.	ECT - External compression trip
Painting system with type of paint	painted to your color specification (verify at time of order)
Warranty Info	12 months from "In-Service" date

<b>List Volume Discounts:</b>	
Quantity 3 or more Plows (Plow Line Item Only)	2%
Quantity 5 or more Plows (Plow Line Item Only)	4%
<b>TOTAL PRICE:</b>	<b>SEE SCHEDULE BELOW</b>

Item #	Description	Answer
6.001	EDGES	\$12,932.00
6.002	EDGES	\$13,118.00
6.003	EDGES	\$13,180.00
6.004	EDGES	\$12,942.00
6.005	EDGES	\$13,948.00
6.006	EDGES	\$13,991.00
6.007	EDGES	\$13,758.00
6.008	EDGES	\$14,102.00
6.009	EDGES	\$14,140.00
6.010	EDGES	\$13,410.00
6.011	EDGES	\$13,455.00
6.012	EDGES	\$14,168.00

<b>Reversible Plow Options</b>		
Item #	Cutting Edges & Wear Components	Answer
6.1	Carbon Cutting Edge .50X8X120	\$170.00
6.2	Carbon Cutting Edge .50X8X132	\$194.00
6.3	Carbon Cutting Edge .50X8X144	\$223.00
6.4	Carbon Cutting Edge .625X8X120	\$192.00
6.5	Carbon Cutting Edge .625X8X132	\$200.00
6.6	Carbon Cutting Edge .625X8X144	\$260.00
6.7	Carbon Cutting Edge .75X8X120	\$275.00
6.8	Carbon Cutting Edge .75X8X132	\$211.00
6.9	Carbon Cutting Edge .75X8X144	\$262.00
6.10	Carbide Cutting Edge .75X8X120	\$942.00
6.11	Carbide Cutting Edge .75X8X132	\$1,035.00
6.12	Carbide Cutting Edge .75X8X144	\$1,129.00
6.13	1 1/2" x 10" Rubber Cutting Edge with Steel Backer	\$796.00
6.14	36" Kuper GK 5 Blade System Sections	\$677.00
6.15	48" Kuper GK 5 Blade System Sections	\$900.00
6.16	36" PolarFlex WING/PLOW ONLY Cutting Edge System Sections	\$925.00
6.17	48" PolarFlex WING/PLOW ONLY Cutting Edge System Sections	\$1,450.00
6.18	36" Joma WING/PLOW ONLY Cutting Edge System Sections	\$1,455.00
6.19	48" Joma WING/PLOW ONLY Cutting Edge System Sections	\$1,938.00
6.2	Add for 8" CARBON moldboard curb guard each (Left or Right)	\$98.00

6.21	Add for 8" CARBIDE moldboard curb guard each (Left or Right)	\$145.00
6.22	8" Cast Wear Shoe (Each)	\$140.00
<b>Item #</b>	<b>Running Gear</b>	<b>Answer</b>
6.23	3" x 8" Steel Wheels (Pair)	\$1,520.00
6.24	1" x 6" Runners Reversible Plows (Pair)	\$1,323.00
6.25	1" x 6" Runners Carbide Reversible Plows (Pair)	\$1,963.00
6.26	11" Mushroom Shoes (Pair)	\$966.00
6.27	11" Mushroom Shoes Carbide (Pair)	\$1,300.00
6.28	8" Pneumatic Runners (Pair)	\$1,486.00
6.29	Snow Wheel Systems Brackets Only (includes XL push-beam) (Pair)	\$420.00
6.30	Snow Wheel Systems 6509 Series Complete (Pair)	\$2,986.00
<b>Item #</b>	<b>Features</b>	<b>Answer</b>
6.31	Rod Markers (Pair)	\$40.00
6.32	Jack Stand	\$110.00
6.33	Rubber Shield 10	\$115.00
6.34	Rubber Shield 11	\$130.00
6.35	Rubber Shield 12	\$140.00
6.36	SSTE w/Individual Springs and Shafts- Square Spring Trip Edge ADD	\$891.00
6.37	SSTE Sixth (6th) Spring Kit (5 are standard)	\$130.00
6.38	CTE - Compression Trip Edge (3 section) ADD (Only Available in 36" & 42")	\$1,546.00
6.39	SLT - Slotted Trip IN LIEU of ECT - External Compression Trip	\$325.00
6.40	Mailbox Cutout - Curbside Only	\$696.00
6.41	Mailbox Cutout - Dual Left & Right Sides	\$1,392.00
6.42	Single Mouse Ear ADD	\$696.00
6.43	Dual Mouse Ear ADD	\$1,392.00
6.44	4" Hydraulic Power Reversing Cylinder IN LIEU of 3" Standard	\$698.00
6.45	(7) Moldboard to Push-frame Connections Points with Bushings IN LIEU of above	\$45.00
6.46	304 Stainless Steel Moldboard for 10', 11' & 12'	\$582.00
6.47	3/8" Poly Moldboard Overlay on Steel Moldboard for 10', 11' & 12'	\$574.00
6.48	3/8" Poly Moldboard Over HD Steel Frame for 10,11' & 12'	\$1,085.00

	Cost per Loaded Mile for Delivery of Hoist	\$2.25
	Delivery Starting Point City, State, & Zip:	Lake Crystal, MN 56055
	Body Shop Rate	N/A
	Mechanic Shop Rate	\$130.00

Price quote	<b>6.0 NON MnDOT PRICE SCHEDULE - FRONT SNOW PLOW</b>
Vendor Name	<b>J-Craft, Inc.</b>
Contact Person	<b>Brandon Oachs or Shane Bretzman</b>
Street Address	<b>52182 Ember Road</b>
P.O. Box:	
City, State, Zip	<b>Lake Crystal MN, 56055</b>
Phone #:	<b>507-726-2828</b>
Toll Free #:	<b>1-800-763-6017</b>
Fax #:	<b>507-725-2559</b>
Email Address	<b>boachs@tbei.com or sbretzman@tbei.com</b>

	Information Requested	Answer
	Plow Type (Reversible J-Plows)	
6.00	Two-Way Reversible Snow Plow - Make and Model	Henke 2 -Way Reversible J-Plows SSTE
	Moldboard height	38" OR 43"
	Discharge Height	38" OR 43"
	Plow Throat depth from vertical to deepest point in.	26"
	Plowing Angle	35 degrees
	Moldboard thickness & type of steel	3/16" Steel "inverted J" style moldboard or 3/8" Poly Moldboard
	Type, size and number of vertical reinforcement ribs.	(10) Vertical ribs, notched for water drainage
	Adjustable Cutting Edge Angles to Pavement Measured from Roadway Surface through Perpendicular Back Toward Truck	3 positions from 10 to 25 degrees
	State number of hook up points from moldboard to frame.	4 points with 1" bearing surface in bushings
	Type and size of reinforcement of frog at either end.	5/8" x 4" x 4" with 1/2" gussets between bolt hole
	Type of Left Side Nose	Open
	Type and size of circle frame	diameter, Heavy-duty, tubular steel push frame
	Size of double acting reversing cylinders.	Hydraulic power reverse with (2) 3" x 16" x 3" D.A. cylinders & cushion valve
	Size and type of reinforced snow flap	2 ply 12" rubber flap (optional)
	Type and size of push frame	Heavy-Duty Triangular Shaped A-Frame with 3/8" Thick Upper & Lower Plates
	Cutting Edge (AASHO punched) size.	See Below for Cutting Edges
	Distance beyond vertical that snow deflectors integral with moldboard extends.	26.5" at 10 degree layback
	Size of adjustable snow shoes	See Below for Shoe Options
	Weight of plow (less hitch and hydraulics)	2,364 lbs average weight between 10' - 12' plows

Type and number of resettable HD compression spring trip mechanisms.	SSTE - Square Spring Trip-Edge (5 Springs) Mechanical trip stops prevents over-stressing trip springs. Adjustable tension, torsion trip-edge with full length, 1.875" diamete trip shaft
Painting system with type of paint	Commercial Blast, Industrial primer, Plow painted to your color specification (verify at time
Warranty Info	12 months from "In-Service" date

<b>List Volume Discounts:</b>	
Quantity 3 or more Plows (Plow Line Item Only)	<b>2%</b>
Quantity 5 or more Plows (Plow Line Item Only)	<b>4%</b>
<b>TOTAL PRICE:</b>	<b>SEE SCHEDULE BELOW</b>

Item #	Description	Answer
6.001	J-PLOW - 38R10J-SSTE-STEEL PAINTED - LESS CUTTING EDGES	<b>\$7,927.00</b>
6.002	J-PLOW - 38R11J-SSTE-STEEL PAINTED - LESS CUTTING EDGES	<b>\$8,162.00</b>
6.003	J-PLOW - 38R12J-SSTE-STEEL PAINTED - LESS CUTTING EDGES	<b>\$8,154.00</b>
6.004	J-PLOW - 38R10J-SSTE-3/8" POLY MOLDBOARD - LESS CUTTING E	<b>\$8,076.00</b>
6.005	J-PLOW - 38R11J-SSTE-3/8" POLY MOLDBOARD - LESS CUTTING E	<b>\$8,406.00</b>
6.006	J-PLOW - 38R12J-SSTE-3/8" POLY MOLDBOARD - LESS CUTTING E	<b>\$8,452.00</b>
6.007	J-PLOW - 43R10J-SSTE-STEEL PAINTED - LESS CUTTING EDGES	<b>\$8,048.00</b>
6.008	J-PLOW - 43R11J-SSTE-STEEL PAINTED - LESS CUTTING EDGES	<b>\$8,162.00</b>
6.009	J-PLOW - 43R12J-SSTE-STEEL PAINTED - LESS CUTTING EDGES	<b>\$8,201.00</b>
6.010	J-PLOW - 43R10J-SSTE-3/8" POLY MOLDBOARD - LESS CUTTING E	<b>\$8,154.00</b>
6.011	J-PLOW - 43R11J-SSTE-3/8" POLY MOLDBOARD - LESS CUTTING E	<b>\$8,430.00</b>
6.012	J-PLOW - 43R12J-SSTE-3/8" POLY MOLDBOARD - LESS CUTTING E	<b>\$8,416.00</b>

<b>Reversible Plow Options</b>		
Item #	Plow Half Swivel	Answer
6.1	Plow Portion 46-B-MN	<b>\$536.00</b>
6.2	Plow Portion UH30" C-C	<b>\$402.00</b>
6.3	Plow Portion UH30.5" C-C	<b>\$402.00</b>
6.4	Plow Portion Tor-Lock (Arrowhead)	<b>\$802.00</b>
6.5	Plow Portion UQH	<b>\$879.00</b>
6.6	Plow Portion QL2	<b>\$548.00</b>
6.7	Plow Portion QCP	<b>\$306.00</b>
6.8	Plow Portion 29" Husting Hitch	<b>\$1,286.00</b>
6.9	Plow Portion 34" Husting Hitch	<b>\$1,306.00</b>
6.10	Plow Portion Coates Spear	<b>\$785.00</b>

Item #	Cutting Edges & Wear Components	Answer
6.11	Carbon Cutting Edge .50X8X120	<b>\$170.00</b>
6.12	Carbon Cutting Edge .50X8X132	<b>\$194.00</b>
6.13	Carbon Cutting Edge .50X8X144	<b>\$223.00</b>
6.14	Carbon Cutting Edge .625X8X120	<b>\$192.00</b>
6.15	Carbon Cutting Edge .625X8X132	<b>\$200.00</b>
6.16	Carbon Cutting Edge .625X8X144	<b>\$260.00</b>
6.17	Carbon Cutting Edge .75X8X120	<b>\$275.00</b>
6.18	Carbon Cutting Edge .75X8X132	<b>\$211.00</b>
6.19	Carbon Cutting Edge .75X8X144	<b>\$262.00</b>
6.20	Carbide Cutting Edge .75X8X120	<b>\$942.00</b>
6.21	Carbide Cutting Edge .75X8X132	<b>\$1,035.00</b>
6.22	Carbide Cutting Edge .75X8X144	<b>\$1,129.00</b>
6.23	1 1/2" x 10" Rubber Cutting Edge with Steel Backer	<b>\$796.00</b>

6.24	36" Kuper GK 5 Blade System Sections	\$677.00
6.25	48" Kuper GK 5 Blade System Sections	\$900.00
6.26	36" PolarFlex WING/PLOW ONLY Cutting Edge System Sections	\$925.00
6.27	48" PolarFlex WING/PLOW ONLY Cutting Edge System Sections	\$1,450.00
6.28	36" Joma WING/PLOW ONLY Cutting Edge System Sections	\$1,455.00
6.29	48" Joma WING/PLOW ONLY Cutting Edge System Sections	\$1,938.00
6.30	Add for 8" CARBON moldboard curb guard each (Left or Right)	\$98.00
6.31	Add for 8" CARBIDE moldboard curb guard each (Left or Right)	\$145.00
6.32	8" Cast Wear Shoe (Each)	\$140.00
<b>Item #</b>	<b>Running Gear</b>	<b>Answer</b>
6.33	3" x 8" Steel Wheels (Pair)	\$1,520.00
6.34	1" x 6" Runners Reversible Plows (Pair)	\$1,323.00
6.35	1" x 6" Runners Carbide Reversible Plows (Pair)	\$1,963.00
6.36	11" Mushroom Shoes (Pair)	\$966.00
6.37	11" Mushroom Shoes Carbide (Pair)	\$1,300.00
6.38	8" Pneumatic Runners (Pair)	\$1,486.00
6.39	Snow Wheel Systems Brackets Only (includes XL push-beam) (Pair)	\$420.00
6.40	Snow Wheel Systems 6509 Series Complete (Pair)	\$2,986.00
<b>Spec #</b>	<b>Features</b>	<b>Answer</b>
6.41	Rod Markers (Pair)	\$40.00
6.42	Jack Stand	\$85.00
6.43	Rubber Shield 10	\$183.00
6.44	Rubber Shield 11	\$225.00
6.45	Rubber Shield 12	\$220.00
6.46	"J" Plow Sixth (6th) Spring Kit (5 are standard)	\$130.00
6.47	"J" Plow SSTE with Individual Shafts & Springs	\$1,499.00
6.48	"J" Plow SSTE with Henke Exclusive Jet Wings	\$585.00
6.49	3/4" Bottom Angle IN LIEU of the 5/8" Standard	\$158.00
6.50	4" Hydraulic Power Reversing Cylinder IN LIEU of 3" Standard	\$698.00
6.51	(7) Moldboard to Push-frame Connections Points with Bushings IN LIEU of above	\$45.00
6.52	304 Stainless Steel Moldboard for 10', 11' & 12'	\$636.00
6.53	3/8" Poly Moldboard Overlay on Steel Moldboard for 10', 11' & 12'	\$574.00
6.54	3/8" Poly Moldboard Over HD Steel Frame for 10,11' & 12'	\$1,085.00
6.55	Sliding Level Lift (Excluding Husting Hitches)	\$518.00
6.56	Cable Lift in lieu of Chain Lift	\$69.00

	Cost per Loaded Mile for Delivery of Hoist	\$2.25
	Delivery Starting Point City, State, & Zip:	Lake Crystal, MN 56055
	Body Shop Rate	N/A
	Mechanic Shop Rate	\$130.00

Price quote	<b>6.0 NON MnDOT PRICE SCHEDULE - FRONT SNOW PLOW</b>	
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Vendor Name	<b>J-Craft, Inc.</b>	
Contact Person	<b>Brandon Oachs or Shane Bretzman</b>	
Street Address	<b>52182 Ember Road</b>	
P.O. Box:		
City, State, Zip	<b>Lake Crystal MN, 56055</b>	
Phone #:	<b>507-726-2828</b>	
Toll Free #:	<b>1-800-763-6017</b>	
Fax #:	<b>507-725-2559</b>	
Email Address	<b>boachs@tbei.com or sbretzman@tbei.com</b>	

	Information Requested	Answer
	Plow Type (Reversible PLP J-Plows)	
6.00	Two-Way Reversible Snow Plow - Make and Model	Henke 2 -Way Reversible PLP J-Plows SSTE
	Moldboard height	38" OR 43"
	Discharge Height	38" OR 43"
	Plow Throat depth from vertical to deepest point in.	26"
	Plowing Angle	35 degrees
	Moldboard thickness & type of steel	3/16" Steel "inverted J" style moldboard or 3/8" Poly Moldboard
	Type, size and number of vertical reinforcement ribs.	(10) Vertical ribs, notched for water drainage
	Adjustable Cutting Edge Angles to Pavement Measured from Roadway Surface through Perpendicular Back Toward Truck	3 positions from 10 to 25 degrees
	State number of hook up points from moldboard to frame.	4 points with 1" bearing surface in bushings
	Type and size of reinforcement of frog at either end.	5/8" x 4" x 4" with 1/2" gussets between bolt hole
	Type of Left Side Nose	Open
	Type and size of circle frame	diameter, Heavy-duty, tubular steel push frame
	Size of double acting reversing cylinders.	Hydraulic power reverse with (2) 3" x 16" x 3" D.A. cylinders & cushion valve
	Size and type of reinforced snow flap	2 ply 12" rubber flap (optional)
	Type and size of push frame	Heavy-Duty, Tubular Steel Push Frame. Dual "A" arm lift with central pivot point to achieve parallel lift and oscillation. <b>NOTE: Henke parallel lift system (plow portion) Included, Henke parallel lift system flat plate hitch must be added (see truck hitches)</b>
	Cutting Edge (AASHO punched) size.	See Below for Cutting Edges
	extends.	26.5" at 10 degree layback

Size of adjustable snow shoes	See Below for Shoe Options
Weight of plow (less hitch and hydraulics)	2,574 lbs average weight between 10' - 12' plows
Type and number of resettable HD compression spring trip mechanisms.	SSTE - Square Spring Trip-Edge (5 Springs) Mechanical trip stops prevents over-stressing trip springs. Adjustable tension, torsion trip-edge with full length, 1.875" diameter trip shaft
Painting system with type of paint	Commercial Blast, Industrial primer, Plow painted to your color specification (verify at time)
Warranty Info	12 months from "In-Service" date

**List Volume Discounts:**

Quantity 3 or more Plows (Plow Line Item Only)	<b>2%</b>
Quantity 5 or more Plows (Plow Line Item Only)	<b>4%</b>
<b>TOTAL PRICE:</b>	<b>SEE SCHEDULE BELOW</b>

Item #	Description	Answer
6.001	J-PLOW - 38R10J-PLP-SSTE-STEEL PAINTED - LESS CUTTING EDGES	<b>\$13,299.00</b>
6.002	J-PLOW - 38R11J-PLP-SSTE-STEEL PAINTED - LESS CUTTING EDGES	<b>\$13,340.00</b>
6.003	J-PLOW - 38R12J-PLP-SSTE-STEEL PAINTED - LESS CUTTING EDGES	<b>\$13,436.00</b>
6.004	J-PLOW - 38R10J-PLP-SSTE-3/8" POLY MOLDBOARD - LESS CUTTING	<b>\$13,675.00</b>
6.005	J-PLOW - 38R11J-PLP-SSTE-3/8" POLY MOLDBOARD - LESS CUTTING	<b>\$13,716.00</b>
6.006	J-PLOW - 38R12J-PLP-SSTE-3/8" POLY MOLDBOARD - LESS CUTTING	<b>\$13,759.00</b>
6.007	J-PLOW - 43R10J-PLP-SSTE-STEEL PAINTED - LESS CUTTING EDGES	<b>\$13,425.00</b>
6.008	J-PLOW - 43R11J-PLP-SSTE-STEEL PAINTED - LESS CUTTING EDGES	<b>\$13,464.00</b>
6.009	J-PLOW - 43R12J-PLP-SSTE-STEEL PAINTED - LESS CUTTING EDGES	<b>\$13,439.00</b>
6.010	J-PLOW - 43R10J-PLP-SSTE-3/8" POLY MOLDBOARD - LESS CUTTING	<b>\$13,618.00</b>
6.011	J-PLOW - 43R11J-PLP-SSTE-3/8" POLY MOLDBOARD - LESS CUTTING	<b>\$13,799.00</b>
6.012	J-PLOW - 43R12J-PLP-SSTE-3/8" POLY MOLDBOARD - LESS CUTTING	<b>\$13,722.00</b>

**Reversible Plow Options**

Item #	Cutting Edges & Wear Components	Answer
6.1	Carbon Cutting Edge .50X8X120	<b>\$170.00</b>
6.2	Carbon Cutting Edge .50X8X132	<b>\$194.00</b>
6.3	Carbon Cutting Edge .50X8X144	<b>\$223.00</b>
6.4	Carbon Cutting Edge .625X8X120	<b>\$192.00</b>
6.5	Carbon Cutting Edge .625X8X132	<b>\$200.00</b>
6.6	Carbon Cutting Edge .625X8X144	<b>\$260.00</b>
6.7	Carbon Cutting Edge .75X8X120	<b>\$275.00</b>
6.8	Carbon Cutting Edge .75X8X132	<b>\$211.00</b>
6.9	Carbon Cutting Edge .75X8X144	<b>\$262.00</b>
6.10	Carbide Cutting Edge .75X8X120	<b>\$942.00</b>
6.11	Carbide Cutting Edge .75X8X132	<b>\$1,035.00</b>
6.12	Carbide Cutting Edge .75X8X144	<b>\$1,129.00</b>
6.13	1 1/2" x 10" Rubber Cutting Edge with Steel Backer	<b>\$796.00</b>
6.14	36" Kuper GK 5 Blade System Sections	<b>\$677.00</b>
6.15	48" Kuper GK 5 Blade System Sections	<b>\$900.00</b>
6.16	36" PolarFlex WING/PLOW ONLY Cutting Edge System Sections	<b>\$925.00</b>
6.17	48" PolarFlex WING/PLOW ONLY Cutting Edge System Sections	<b>\$1,450.00</b>
6.18	36" Joma WING/PLOW ONLY Cutting Edge System Sections	<b>\$1,455.00</b>
6.19	48" Joma WING/PLOW ONLY Cutting Edge System Sections	<b>\$1,938.00</b>
6.20	Add for 8" CARBON moldboard curb guard each (Left or Right)	<b>\$98.00</b>
6.21	Add for 8" CARBIDE moldboard curb guard each (Left or Right)	<b>\$145.00</b>

6.22	8" Cast Wear Shoe (Each)	\$140.00
Item #	Running Gear	Answer
6.23	3" x 8" Steel Wheels (Pair)	\$1,520.00
6.24	1" x 6" Runners Reversible Plows (Pair)	\$1,323.00
6.25	1" x 6" Runners Carbide Reversible Plows (Pair)	\$1,963.00
6.26	11" Mushroom Shoes (Pair)	\$966.00
6.27	11" Mushroom Shoes Carbide (Pair)	\$1,300.00
6.28	8" Pneumatic Runners (Pair)	\$1,486.00
6.29	Snow Wheel Systems Brackets Only (includes XL push-beam) (Pair)	\$420.00
6.30	Snow Wheel Systems 6509 Series Complete (Pair)	\$2,986.00
Item #	Features	Answer
6.31	Rod Markers (Pair)	\$40.00
6.32	Jack Stand	\$85.00
6.33	Rubber Shield 10	\$183.00
6.34	Rubber Shield 11	\$225.00
6.35	Rubber Shield 12	\$220.00
6.36	"J" Plow Sixth (6th) Spring Kit (5 are standard)	\$130.00
6.37	"J" Plow SSTE with Individual Shafts & Springs	\$1,499.00
6.38	"J" Plow SSTE with Henke Exclusive Jet Wings	\$585.00
6.39	3/4" Bottom Angle IN LIEU of the 5/8" Standard	\$158.00
6.40	4" Hydraulic Power Reversing Cylinder IN LIEU of 3" Standard	\$698.00
6.41	(7) Moldboard to Push-frame Connections Points with Bushings IN LIEU of above	\$45.00
6.42	304 Stainless Steel Moldboard for 10', 11' & 12'	\$636.00
6.43	3/8" Poly Moldboard Overlay on Steel Moldboard for 10', 11' & 12'	\$574.00
6.44	3/8" Poly Moldboard Over HD Steel Frame for 10,11' & 12'	\$1,085.00
6.45	Sliding Level Lift (Excluding Husting Hitches)	\$518.00
6.46	Cable Lift in lieu of Chain Lift	\$69.00

	Cost per Loaded Mile for Delivery of Hoist	\$2.25
	Delivery Starting Point City, State, & Zip:	Lake Crystal, MN 56055
	Body Shop Rate	N/A
	Mechanic Shop Rate	\$130.00

Price quote	<b>6.0 NON MnDOT PRICE SCHEDULE - FRONT SNOW PLOW</b>	
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Vendor Name	<b>J-Craft, Inc.</b>	
Contact Person	<b>Brandon Oachs or Shane Bretzman</b>	
Street Address	<b>52182 Ember Road</b>	
P.O. Box:		
City, State, Zip	<b>Lake Crystal MN, 56055</b>	
Phone #:	<b>507-726-2828</b>	
Toll Free #:	<b>1-800-763-6017</b>	
Fax #:	<b>507-725-2559</b>	
Email Address	<b>boachs@tbei.com or sbretzman@tbei.com</b>	

	Information Requested	Answer
	Plow Type (Expressway Plow)	
6.00	R.H. snow plow, Make & Model	Henke Expressway, SLT
	Nose height	40", 46"
	Discharge height	58", 60", 53"
	Plow throat depth from vertical to deepest point	32"
	Plowing angle	35 degrees
	Moldboard thickness & type of steel	3/16" Thick, Rolled Plate Moldboard with Integral Shield
	Type, size and number of vertical reinforcement ribs	Plate, 1/2" x 4" Tapered, Qty. 8
	Adjustable cutting edge angles to pavement measured from roadway surface through perpendicular back toward truck	Two Position Dual Stabilizer Bars
	State number of hook up points from moldboard to frame	4 points with 1" bearing surface
	Type and size of reinforcement of frog at either end	5/8" x 4" x 4" with 1/2" gussets between bolt holes
	Type of left side nose	Open
	Type and size of circle frame	3 1/2" x 3 1/2" x 1/2" rolled angle
	Size and type of reinforced snow flap	2 ply 12" rubber flap (optional)
	Type of Pivot Push-Beam	4" x 4" x 3/8" square steel tube
	Cutting Edge (AASHO punched) size.	See Below for Cutting Edges
	Distance beyond vertical that nose snow deflectors integrate with moldboard extends	26" @ 39" Side
	Size of adjustable snow shoes	See Below for Shoe Options
	Weight of plow (less hitch and hydraulics)	2,628 lbs average weight between 11' - 12' plows
	Type and number of re-settable HD compression spring trip mechanism	Two Slotted Trip (SLT) Spring Assemblies

Painting system with type of paint	Commercial Blast, Industrial primer, Plow painted to your color specification (verify at time of order)
Warranty Info	12 months from "In-Service" date

<b>List Volume Discounts:</b>	
Quantity 3 or more Plows (Plow Line Item Only)	2%
Quantity 5 or more Plows (Plow Line Item Only)	4%
<b>TOTAL PRICE:</b>	<b>SEE SCHEDULE BELOW</b>

Item #	Description	Answer
6.001	Expressway-11'-40"-58"- (SLT) Slotted Trip - LESS CUTTING EDGES	\$6,764.00
6.002	Expressway-12'-40"-58"- (SLT) Slotted Trip - LESS CUTTING EDGES	\$7,125.00
6.003	Expressway-11'-40"-60"- (SLT) Slotted Trip - LESS CUTTING EDGES	\$6,821.00
6.004	Expressway-12'-40"-60"- (SLT) Slotted Trip - LESS CUTTING EDGES	\$7,181.00
6.005	Expressway-11'-46"-53"- (SLT) Slotted Trip - LESS CUTTING EDGES	\$6,895.00
6.006	Expressway-12'-46"-53"- (SLT) Slotted Trip - LESS CUTTING EDGES	\$7,256.00

<b>Reversible Plow Options</b>		
Item #	Plow Half Swivel	Answer
6.1	Plow Portion 46-B-MN	\$536.00
6.2	Plow Portion UH30" C-C	\$402.00
6.3	Plow Portion UH30.5" C-C	\$402.00
6.4	Plow Portion Tor-Lock (Arrowhead)	\$802.00
6.5	Plow Portion UQH	\$879.00
6.6	Plow Portion QL2	\$548.00
6.7	Plow Portion QCP	\$306.00
6.8	Plow Portion 29" Husting Hitch	\$1,286.00
6.9	Plow Portion 34" Husting Hitch	\$1,306.00
6.10	Plow Portion Coates Spear	\$785.00

Item #	Cutting Edges & Wear Components	Answer
6.11	Carbon Cutting Edge .50X8X132	\$194.00
6.12	Carbon Cutting Edge .50X8X144	\$223.00
6.13	Carbon Cutting Edge .625X8X132	\$200.00
6.14	Carbon Cutting Edge .625X8X144	\$260.00
6.15	Carbon Cutting Edge .75X8X132	\$211.00
6.16	Carbon Cutting Edge .75X8X144	\$262.00
6.17	Carbide Cutting Edge .75X8X132	\$1,035.00
6.18	Carbide Cutting Edge .75X8X144	\$1,129.00
6.19	1 1/2" x 10" Rubber Cutting Edge with Steel Backer	\$796.00
6.20	36" Kuper GK 5 Blade System Sections	\$677.00
6.21	48" Kuper GK 5 Blade System Sections	\$900.00
6.22	36" PolarFlex WING/PLOW ONLY Cutting Edge System Sections	\$925.00
6.23	48" PolarFlex WING/PLOW ONLY Cutting Edge System Sections	\$1,450.00
6.24	36" Joma WING/PLOW ONLY Cutting Edge System Sections	\$1,455.00
6.25	48" Joma WING/PLOW ONLY Cutting Edge System Sections	\$1,938.00
6.26	Add for 8" CARBON moldboard curb guard each (Left or Right)	\$98.00
6.27	Add for 8" CARBIDE moldboard curb guard each (Left or Right)	\$145.00
6.28	8" Cast Wear Shoe (Each)	\$140.00

Item #	Running Gear	Answer
6.29	3" x 8" Steel Wheels (Pair)	\$1,475.00
6.30	1" x 6" Runners OWFA Plows (Pair)	\$977.00
6.31	1" x 6" Runners Carbide OWFA Plows (Pair)	\$1,630.00
6.32	11" Mushroom Shoes (Pair)	\$966.00
6.33	11" Mushroom Shoes Carbide (Pair)	\$1,300.00
6.34	8" Pneumatic Runners OWFA (Pair)	\$1,441.00

6.35	Snow Wheel Systems Brackets Only (includes XL push-beam) (Pair)	<b>\$420.00</b>
6.36	Snow Wheel Systems Single or Dual Wheel Complete (Pair)	<b>\$2,986.00</b>
Item #	Features	Answer
6.37	Rod Markers (Pair)	<b>\$40.00</b>
6.38	Jack Stand	<b>\$66.00</b>
6.39	Rubber Shield 11' - 30-60 OWFA Plows	<b>\$122.00</b>
6.40	Rubber Shield 12' - 30-60 OWFA Plows	<b>\$130.00</b>
6.41	ECT - External Compression Trip ADD	<b>\$250.00</b>
6.42	DEST - Dual Enclosed Spring Trip ADD	<b>\$1,101.00</b>
6.43	Tube Table With Henke Sliding Level Lift ADD*	<b>\$625.00</b>
6.44	PLP Plow ADDER (No Plow Half Swivel Needed for this Option)	<b>\$6,250.00</b>
6.45	Cable Lift in lieu of Chain Lift	<b>\$69.00</b>

	Cost per Loaded Mile for Delivery of Hoist	\$2.25
	Delivery Starting Point City, State, & Zip:	<b>Lake Crystal, MN 56055</b>
	Body Shop Rate	N/A
	Mechanic Shop Rate	\$130.00

Price quote	<b>6.0 NON MnDOT PRICE SCHEDULE - FRONT SNOW PLOW</b>	
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Vendor Name	<b>J-Craft, Inc.</b>	
Contact Person	<b>Brandon Oachs or Shane Bretzman</b>	
Street Address	<b>52182 Ember Road</b>	
P.O. Box:		
City, State, Zip	<b>Lake Crystal MN, 56055</b>	
Phone #:	<b>507-726-2828</b>	
Toll Free #:	<b>1-800-763-6017</b>	
Fax #:	<b>507-725-2559</b>	
Email Address	<b>boachs@tbei.com or sbretzman@tbei.com</b>	

	Information Requested	Answer
	Plow Type (Alaska Expressway Plow)	

6.00	R.H. snow plow, Make & Model	Henke Alaska Expressway, SLT
	Nose height	39"
	Discharge height	57"
	Plow throat depth from vertical to deepest point	30"
	Plowing angle	35 degrees
	Moldboard thickness & type of steel	3/16" Thick, Rolled Plate Moldboard with Integral Shield
	Type, size and number of vertical reinforcement ribs	Plate, 1/2" x 4" Tapered, Qty. 8
	Adjustable cutting edge angles to pavement measured from roadway surface through perpendicular back toward truck	Two Position Single Stabilizer Bar
	State number of hook up points from moldboard to frame	4 points with 1" bearing surface
	Type and size of reinforcement of frog at either end	5/8" x 4" x 4" with 1/2" gussets between bolt holes
	Type of left side nose	Open
	Type and size of circle frame	3 1/2" x 3 1/2" x 1/2" rolled angle
	Size and type of reinforced snow flap	2 ply 12" rubber flap (optional)
	Type of Pivot Push-Beam	4" x 4" x 3/8" square steel tube
	Cutting Edge (AASHO punched) size.	See Below for Cutting Edges
	Distance beyond vertical that nose snow deflectors integrate with moldboard extends	30"
	Size of adjustable snow shoes	See Below for Shoe Options
	Weight of plow (less hitch and hydraulics)	1,800 lbs average weight between 11' - 12' plows
	Type and number of re-settable HD compression spring trip mechanism	Two Slotted Trip (SLT) Spring Assemblies

Painting system with type of paint	Commercial Blast, Industrial primer, Plow painted to your color specification (verify at time of order)
Warranty Info	12 months from "In-Service" date

<b>List Volume Discounts:</b>	
Quantity 3 or more Plows (Plow Line Item Only)	<b>2%</b>
Quantity 5 or more Plows (Plow Line Item Only)	<b>4%</b>
<b>TOTAL PRICE:</b>	<b>SEE SCHEDULE BELOW</b>

Item #	Description	Answer
6.001	Alaska Expressway-11'-39"-57"- (SLT) Slotted Trip - LESS CUTTING E	<b>\$8,094.00</b>
6.002	Alaska Expressway-12'-39"-57"- (SLT) Slotted Trip - LESS CUTTING E	<b>\$9,087.00</b>

<b>Reversible Plow Options</b>		
Item #	Plow Half Swivel	Answer
6.1	Plow Portion 46-B-MN	<b>\$536.00</b>
6.2	Plow Portion UH30" C-C	<b>\$402.00</b>
6.3	Plow Portion UH30.5" C-C	<b>\$402.00</b>
6.4	Plow Portion Tor-Lock (Arrowhead)	<b>\$802.00</b>
6.5	Plow Portion UQH	<b>\$879.00</b>
6.6	Plow Portion QL2	<b>\$548.00</b>
6.7	Plow Portion QCP	<b>\$306.00</b>
6.8	Plow Portion 29" Husting Hitch	<b>\$1,286.00</b>
6.9	Plow Portion 34" Husting Hitch	<b>\$1,306.00</b>
6.10	Plow Portion Coates Spear	<b>\$785.00</b>

Item #	Cutting Edges & Wear Components	Answer
6.11	Carbon Cutting Edge .50X8X132	<b>\$194.00</b>
6.12	Carbon Cutting Edge .50X8X144	<b>\$223.00</b>
6.13	Carbon Cutting Edge .625X8X132	<b>\$200.00</b>
6.14	Carbon Cutting Edge .625X8X144	<b>\$260.00</b>
6.15	Carbon Cutting Edge .75X8X132	<b>\$211.00</b>
6.16	Carbon Cutting Edge .75X8X144	<b>\$262.00</b>
6.17	Carbide Cutting Edge .75X8X132	<b>\$1,035.00</b>
6.18	Carbide Cutting Edge .75X8X144	<b>\$1,129.00</b>
6.19	1 1/2" x 10" Rubber Cutting Edge with Steel Backer	<b>\$796.00</b>
6.20	36" Kuper GK 5 Blade System Sections	<b>\$677.00</b>
6.21	48" Kuper GK 5 Blade System Sections	<b>\$900.00</b>
6.22	36" PolarFlex WING/PLOW ONLY Cutting Edge System Sections	<b>\$925.00</b>
6.23	48" PolarFlex WING/PLOW ONLY Cutting Edge System Sections	<b>\$1,450.00</b>
6.24	36" Joma WING/PLOW ONLY Cutting Edge System Sections	<b>\$1,455.00</b>
6.25	48" Joma WING/PLOW ONLY Cutting Edge System Sections	<b>\$1,938.00</b>
6.26	Add for 8" CARBON moldboard curb guard each (Left or Right)	<b>\$98.00</b>
6.27	Add for 8" CARBIDE moldboard curb guard each (Left or Right)	<b>\$145.00</b>
6.28	8" Cast Wear Shoe (Each)	<b>\$140.00</b>

Item #	Running Gear	Answer
6.29	3" x 8" Steel Wheels (Pair)	<b>\$1,475.00</b>
6.30	1" x 6" Runners OWFA Plows (Pair)	<b>\$977.00</b>
6.31	1" x 6" Runners Carbide OWFA Plows (Pair)	<b>\$1,630.00</b>
6.32	11" Mushroom Shoes (Pair)	<b>\$966.00</b>
6.33	11" Mushroom Shoes Carbide (Pair)	<b>\$1,300.00</b>
6.34	8" Pneumatic Runners OWFA (Pair)	<b>\$1,441.00</b>
6.35	Snow Wheel Systems Brackets Only (includes XL push-beam) (Pair)	<b>\$420.00</b>
6.36	Snow Wheel Systems Single or Dual Wheel Complete (Pair)	<b>\$2,986.00</b>

Item #	Features	Answer
6.37	Rod Markers (Pair)	<b>\$40.00</b>

6.38	Jack Stand	<b>\$66.00</b>
6.39	Rubber Shield 11' - 30-60 OWFA Plows	<b>\$122.00</b>
6.40	Rubber Shield 12' - 30-60 OWFA Plows	<b>\$130.00</b>
6.41	ECT - External Compression Trip ADD	<b>\$250.00</b>
6.42	DEST - Dual Enclosed Spring Trip ADD	<b>\$1,101.00</b>
6.43	Tube Table With Henke Sliding Level Lift ADD*	<b>\$625.00</b>
6.44	PLP Plow ADDER (No Plow Half Swivel Needed for this Option)	<b>\$5,788.00</b>
6.45	Cable Lift in lieu of Chain Lift	<b>\$69.00</b>

	Cost per Loaded Mile for Delivery of Hoist	\$2.25
	Delivery Starting Point City, State, & Zip:	<b>Lake Crystal, MN 56055</b>
	Body Shop Rate	N/A
	Mechanic Shop Rate	\$130.00

Price quote	<b>6.0 NON MnDOT PRICE SCHEDULE - FRONT SNOW PLOW</b>	
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Vendor Name	<b>J-Craft, Inc.</b>	
Contact Person	<b>Brandon Oachs or Shane Bretzman</b>	
Street Address	<b>52182 Ember Road</b>	
P.O. Box:		
City, State, Zip	<b>Lake Crystal MN, 56055</b>	
Phone #:	<b>507-726-2828</b>	
Toll Free #:	<b>1-800-763-6017</b>	
Fax #:	<b>507-725-2559</b>	
Email Address	<b>boachs@tbei.com or sbretzman@tbei.com</b>	

	Information Requested	Answer
	Plow Type (Poly Flex Plow)	
6.00	Two-Way Reversible Snow Plow - Make and Model	2-Way Rev Poly Flex Plow
	Moldboard height	34" to 51"
	Discharge Height	34" to 51"
	Plowing Angle	35 degrees
	Moldboard contour minimum	34"
	Moldboard contour maximum	51"
	Discharge Adjustments	34" to 51" high
	State number of hook up points from moldboard to frame.	4 points with 1" bearing surface in bushings
	Type of Left Side Nose	Open
	Type and size of push frame	Heavy-Duty Triangular Shaped A-Frame with 3/8" Thick Upper & Lower Plates
	Size of double acting reversing cylinders.	Hydraulic power reverse with (2) 3" x 16" x 3" D.A. cylinders & cushion valve
	Size and type of reinforced snow flap	2 ply 12" rubber flap (optional)
	Cutting Edge (AASHO punched) size.	See Below for Cutting Edges
	Size of adjustable snow shoes	See Below for Shoe Options
	Weight of plow (less hitch and hydraulics)	2,200 lbs
	Trip mechanism description	SSTE - Square Spring Trip edge
	Painting system with type of paint	Commercial Blast, Industrial primer, Plow Frame painted Black (Poly Unpainted)
	Warranty Info	12 months from "In-Service" date

<b>List Volume Discounts:</b>	
Quantity 3 or more Plows (Plow Line Item Only)	<b>2%</b>
Quantity 5 or more Plows (Plow Line Item Only)	<b>4%</b>

	<b>TOTAL PRICE:</b>	<b>SEE SCHEDULE BELOW</b>
<b>Item #</b>	<b>Description</b>	<b>Answer</b>
6.001	POLY FLEX PLOW - 34-51R11-PLP-SSTE - LESS CUTTING EDGES	\$10,650.00
6.002	POLY FLEX PLOW - 34-51R12-PLP-SSTE - LESS CUTTING EDGES	\$11,930.00
<b>Reversible Plow Options</b>		
<b>Item #</b>	<b>Plow Half Swivel</b>	<b>Answer</b>
6.1	Plow Portion 46-B-MN	\$536.00
6.2	Plow Portion UH30" C-C	\$402.00
6.3	Plow Portion UH30.5" C-C	\$402.00
6.4	Plow Portion Tor-Lock (Arrowhead)	\$802.00
6.5	Plow Portion UQH	\$879.00
6.6	Plow Portion QL2	\$548.00
6.7	Plow Portion QCP	\$306.00
6.8	Plow Portion 29" Husting Hitch	\$1,286.00
6.9	Plow Portion 34" Husting Hitch	\$1,306.00
6.10	Plow Portion Coates Spear	\$785.00
<b>Item #</b>	<b>Cutting Edges &amp; Wear Components</b>	<b>Answer</b>
6.11	Carbon Cutting Edge .50X8X132	\$194.00
6.12	Carbon Cutting Edge .50X8X144	\$223.00
6.13	Carbon Cutting Edge .625X8X132	\$200.00
6.14	Carbon Cutting Edge .625X8X144	\$260.00
6.15	Carbon Cutting Edge .75X8X132	\$211.00
6.16	Carbon Cutting Edge .75X8X144	\$262.00
6.17	Carbide Cutting Edge .75X8X132	\$1,035.00
6.18	Carbide Cutting Edge .75X8X144	\$1,129.00
6.19	1 1/2" x 10" Rubber Cutting Edge with Steel Backer	\$796.00
6.20	36" Kuper GK 5 Blade System Sections	\$677.00
6.21	48" Kuper GK 5 Blade System Sections	\$900.00
6.22	36" PolarFlex WING/PLOW ONLY Cutting Edge System Sections	\$925.00
6.23	48" PolarFlex WING/PLOW ONLY Cutting Edge System Sections	\$1,450.00
6.24	36" Joma WING/PLOW ONLY Cutting Edge System Sections	\$1,455.00
6.25	48" Joma WING/PLOW ONLY Cutting Edge System Sections	\$1,938.00
6.26	Add for 8" CARBON moldboard curb guard each (Left or Right)	\$98.00
6.27	Add for 8" CARBIDE moldboard curb guard each (Left or Right)	\$145.00
6.28	8" Cast Wear Shoe (Each)	\$140.00
<b>Item #</b>	<b>Running Gear</b>	<b>Answer</b>
9.29	3" x 8" Steel Wheels (Pair)	\$1,520.00
9.30	1" x 6" Runners Reversible Plows (Pair)	\$1,323.00
9.31	1" x 6" Runners Carbide Reversible Plows (Pair)	\$1,963.00
9.32	11" Mushroom Shoes (Pair)	\$966.00
9.33	11" Mushroom Shoes Carbide (Pair)	\$1,300.00
9.34	8" Pneumatic Runners (Pair)	\$1,486.00
9.35	Snow Wheel Systems Brackets Only (includes XL push-beam) (Pair)	\$420.00
9.36	Snow Wheel Systems 6509 Series Complete (Pair)	\$2,986.00
<b>Item #</b>	<b>Features</b>	<b>Answer</b>
9.37	Rod Markers (Pair)	\$40.00
9.38	Jack Stand	\$85.00
9.39	Rubber Shield 11	\$225.00
9.40	Rubber Shield 12	\$220.00

Cost per Loaded Mile for Delivery of Hoist	\$2.25
Delivery Starting Point City, State, & Zip:	Lake Crystal, MN 56055
Body Shop Rate	N/A

	Mechanic Shop Rate	\$130.00

Price quote	<b>6.0 NON MnDOT PRICE SCHEDULE - FRONT SNOW PLOW</b>	
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Vendor Name	<b>J-Craft, Inc.</b>	
Contact Person	<b>Brandon Oachs or Shane Bretzman</b>	
Street Address	<b>52182 Ember Road</b>	
P.O. Box:		
City, State, Zip	<b>Lake Crystal MN, 56055</b>	
Phone #:	<b>507-726-2828</b>	
Toll Free #:	<b>1-800-763-6017</b>	
Fax #:	<b>507-725-2559</b>	
Email Address	<b>boachs@tbei.com or sbretzman@tbei.com</b>	

Information Requested		Answer
Plow Type (FVX "V" PLP Plows)		
6.00	Two-Way Reversible Snow Plow - Make and Model	Henke FVX Folding "V" Plow / PLP
	Moldboard height	41"
	Discharge height	41"
	Plow Throat depth from vertical to deepest point in.	26"
	Moldboard thickness & type of steel	10 gauge A36 carbon steel
	Type, size and number of vertical reinforcement ribs.	(12) .375" x 4.75" tapered vertical ribs with formed box panel reinforcement
	Adjustable cutting edge angles to pavement measured from roadway surface through perpendicular back toward truck.	Hydraulic pitch cylinder to allow adjustment
	State number of hook up points from moldboard to frame.	3 connection points
	Type and size of reinforcement of frog at either end.	4" x 4" .625" thick bottom angle
	Type and size of circle frame	N/A
	Size of double acting reversing cylinders.	(2) Independent 3.5" x 16.5" x 2" D.A. hydraulic cylinders for wing operation and (1) 3.5" x 3.37" x 1.75" rod pitch cylinder for level lift with cushion valve for reversing cylinders
	Size and type of reinforced snow flap	2 ply 12" rubber flap (optional)
	Cutting Edge (AASHO punched) size.	See Below for Cutting Edges
	Size of adjustable snow shoes	See Below for Shoe Options
	Type and size of push frame	Heavy-Duty, Tubular Steel Push Frame. Dual "A" arm lift with central pivot point to achieve parallel lift and oscillation. <b>NOTE: Henke parallel lift system (plow portion) Included, Henke parallel lift system flat plate hitch must be added (see truck hitches)</b>
	Distance beyond vertical that snow deflectors integral with moldboard extend	12" at 10 degree layback
	Weight of plow (less hitch and hydraulics)	3,325 lbs

Type and number of resettable HD compression spring trip mechanisms.	CTE - Compression Spring Trip-edge (6) vertically oriented compression springs
Painting system with type of paint	Commercial Blast, Industrial primer, Plow Frame painted Black (Poly Unpainted)
Warranty Info	12 months from "In-Service" date

<b>List Volume Discounts:</b>	
Quantity 3 or more Plows (Plow Line Item Only)	<b>2%</b>
Quantity 5 or more Plows (Plow Line Item Only)	<b>4%</b>
<b>TOTAL PRICE:</b>	<b>SEE SCHEDULE BELOW</b>

Item #	Description	Answer
6.001	FVX41R10, CTE,PLOW-PLP - LESS CUTTING EDGES	<b>\$14,716.00</b>
6.002	FVX41R11, CTE,PLOW-PLP - LESS CUTTING EDGES	<b>\$14,796.00</b>
6.003	FVX41R12, CTE,PLOW-PLP - LESS CUTTING EDGES	<b>\$14,851.00</b>
6.004	FVX41R14, CTE,PLOW-PLP - LESS CUTTING EDGES	<b>\$16,196.00</b>

<b>Plow Options</b>		
Item #	Cutting Edges & Wear Components	Answer
6.1	Carbon Cutting Edge .75 x 6" x 10'	<b>\$410.00</b>
6.2	Carbon Cutting Edge .75 x 6" x 11'	<b>\$395.00</b>
6.3	Carbon Cutting Edge .75 x 6" x 12'	<b>\$439.00</b>
6.4	Carbon Cutting Edge .75 x 6" x 14'	<b>\$475.00</b>
6.5	Carbide Cutting Edge .75 x 6" x 10'	<b>\$1,215.00</b>
6.6	Carbide Cutting Edge .75 x 6" x 11'	<b>\$1,106.00</b>
6.7	Carbide Cutting Edge .75 x 6" x 12'	<b>\$1,211.00</b>
6.8	Carbide Cutting Edge .75 x 6" x 14'	<b>\$1,395.00</b>
6.9	Add for 6" CARBON moldboard curb guard each (Left or Right)	<b>\$95.00</b>
6.10	Add for 8" CARBIDE moldboard curb guard each (Left or Right)	<b>\$130.00</b>
Item #	Running Gear	Answer
6.11	11" Mushroom Shoes (Pair)	<b>\$486.00</b>
Item #	Features	Answer
6.12	Rod Markers (Pair)	<b>\$40.00</b>
6.13	Rubber Shield 10	<b>\$99.00</b>
6.14	Rubber Shield 11	<b>\$130.00</b>
6.15	Rubber Shield 12	<b>\$130.00</b>
6.16	Rubber Shield 14	<b>\$130.00</b>

Cost per Loaded Mile for Delivery of Hoist	<b>\$2.25</b>
Delivery Starting Point City, State, & Zip:	<b>Lake Crystal, MN 56055</b>
Body Shop Rate	N/A
Mechanic Shop Rate	<b>\$130.00</b>

Price quote	<b>6.0 NON MnDOT PRICE SCHEDULE - FRONT SNOW PLOW</b>	
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Vendor Name	<b>J-Craft, Inc.</b>	
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Street Address	<b>52182 Ember Road</b>	
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Toll Free #:	<b>1-800-763-6017</b>	
Fax #:	<b>507-725-2559</b>	
Email Address	<b>boachs@tbei.com or sbretzman@tbei.com</b>	

	Information Requested	Answer
	Plow Type (Fixed Position V-Plow)	
6.00	V Snow Plow, Make & Model	Henke Low Profile Fixed Position V-Plow
	Height of moldboard at nose	42"
	Height of moldboard at rear	74"
	Degree of Vee	30°
	Degree of cutting edge	25°
	Moldboard thickness & type of steel	3/16" thick, high tensile steel rolled plate moldboard
	Size of adjustable snow shoes (three)	Heavy-duty screw adjustable running gear assemblies with (3) heavy-duty Shoes
	Overall Cutting Width	120"
	Overall Upper Tail Width	132"
	Cutting Edge (AASHO punched) size.	See Below for Cutting Edges
	Plow Shoe Runners	1" x 6" Low Top Runners Screw Adjustable Included
	Swivel	Automatic Snap Coupling type plow half swivel
	Weight of plow (less hitch and hydraulics)	2259 lbs
	Painting system with type of paint	painted to your color specification (verify at time of order)
	Warranty Info	12 months from "In-Service" date

<b>List Volume Discounts:</b>		
Quantity 3 or more Plows (Plow Line Item Only)		<b>2%</b>
Quantity 5 or more Plows (Plow Line Item Only)		<b>4%</b>
<b>TOTAL PRICE:</b>		<b>SEE SCHEDULE BELOW</b>
Item #	Description	Answer
6.001	Low Profile Fixed Position V-Plow with Plow Portion 29" Husting Hitch	<b>\$8,119.00</b>

6.002	Low Profile Fixed Postion V-Plow with Plow Portion 34" Husting Hitch	\$8,206.00
6.003	Low Profile Fixed Postion V-Plow with Blank Plow Portion - (Need to pick Plow Half Swivel)	\$8,465.00
V-Plow Plow Options		
Item #	Plow Half Swivel	Answer
6.1	Roller Kit 29" Husting Hitch Plow Half	\$445.00
6.2	Roller Kit 29" Husting Hitch Truck Half	\$301.00
6.3	Roller Kit 34" Husting Hitch Plow Half	\$445.00
6.4	Roller Kit 34" Husting Hitch Truck Half	\$301.00
6.5	Plow Portion 46-B-MN	\$536.00
6.6	Plow Portion UH30" C-C	\$403.00
6.7	Plow Portion UH30.5" C-C	\$354.00
6.8	Plow Portion Tor-Lock (Arrowhead)	\$790.00
6.9	Plow Portion UQH	\$856.00
6.10	Plow Portion QL2	\$550.00
6.11	Plow Portion QCP	\$306.00
6.12	Plow Portion 29" Husting Hitch	\$1,288.00
6.17	Plow Portion 34" Husting Hitch	\$1,306.00
6.18	Plow Portion Coates Spear	\$785.00
Item #	Cutting Edges & Wear Components	Answer
6.19	Carbon Cutting Edge .50X8X60 (pair)	\$160.00
6.2	Carbide Cutting Edge .75X8X60 (pair)	\$1,104.00

	Cost per Loaded Mile for Delivery of Hoist	\$2.25
	Delivery Starting Point City, State, & Zip:	Lake Crystal, MN 56055
	Body Shop Rate	N/A
	Mechanic Shop Rate	\$130.00