City of Rochester, Nuts, Bolts and Hardwatre Bid # 09-48

June 11, 2009

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Description					
	Sanel	Fastenal	Lawson	Fastener Warehouse	Grayson Industries
Bolts Grade 8 Plus					
Coarse Thread					
Price for each					
1/4" x 1"	\$0.05	\$0.05	\$0.08	\$0.05	\$0.07
1/4" x 2"	\$0.09	\$0.10	\$0.13	\$0.12	\$0.29
1/4" x 3"	\$0.16	\$0.16	\$0.17	\$0.20	\$0.24
5/16" x 1"	\$0.08	\$0.07	\$0.11	\$0.08	\$0.25
5/16" x 2"	\$0.14	\$0.14	\$0.18	\$0.18	\$0.22
5/16" x 3"	\$0.20	\$0.20	\$0.25	\$0.25	\$0.23
3/8" x 2"	\$0.17	\$0.19	\$0.24	\$0.24	\$0.27
3/8" x 3"	\$0.24	\$0.27	\$0.33	\$0.34	\$0.38
1/2" x 2"	\$0.34	\$0.34	\$0.48	\$0.40	\$0.50
1/2" x 3"	\$0.49	\$0.49	\$0.59	\$0.60	\$0.80
1/2" x 4"	\$0.65	\$0.62	\$0.79	\$0.70	\$0.20
9/16" x 3"	\$0.64	\$0.63	\$0.86	\$0.75	\$0.14
9/16" x 4"	\$0.91	\$0.80	\$1.14	\$0.90	\$0.14
5/8" x 3"	\$0.70	\$0.78	\$1.17	\$0.80	\$1.32
5/8" x 4"	\$0.88	\$0.96	\$1.22	\$1.10	\$0.68

11/16" x 2"	N/A				\$0.25	
11/16" x 4"	N/A				\$0.29	
3/4" x 3"	\$1.15	\$1.13	\$1.53	\$1.25	\$1.87	
3/4" x 4"	\$1.54	\$1.53	\$1.79	\$1.65	\$1.94	
Bolts Grade 8 Plus	ψ 11.0 T	ψσσ		ψσσ	ψ110 ·	
Fine Thread						
Price at 1 each						
1/4" x 1"	\$0.05	\$0.05	\$0.07	\$0.06	\$0.06	
1/4" x 2"	\$0.10	\$0.11	\$0.13	\$0.14	\$0.28	
5/16" x 1"	\$0.10	\$0.08	\$0.11	\$0.09	\$0.20	
5/16" x 2"	\$0.15	\$0.16	\$0.17	\$0.20	\$0.21	
3/8" x 2"	\$0.19	\$0.21	\$0.22	\$0.27	\$0.26	
3/8" x 3"	\$0.28	\$0.30	\$0.33	\$0.40	\$0.37	
7/16" x 2"	\$0.35	\$0.30	\$0.32	\$0.32	\$0.24	
7/16" x 3"	\$0.41	\$0.43	\$0.44	\$0.45	\$0.25	
1/2" x 2"	\$0.36	\$0.38	\$0.47	\$0.44	\$0.48	
1/2" x 3"	\$0.56	\$0.56	\$0.59	\$0.65	\$0.72	
9/16" x 2"	\$0.49	\$0.50	\$0.59	\$0.50	\$0.12	
9/16" x 3"	\$0.78	\$0.74	\$0.86	\$0.80	\$0.14	
5/8" x 2"	\$0.62	\$0.61	\$0.65	\$0.65	\$0.71	
5/8" x 3"	\$0.92	\$0.87	\$0.92	\$0.85	\$0.75	
3/4" x 3"	\$1.30	\$1.39	\$1.36	\$1.30	\$1.55	
3/4" x 4"	\$1.77	\$1.43	\$1.68	\$1.70	\$1.60	

3/4" x 5"					
3/4" x 6"	\$2.42	\$1.76	\$2.06	\$1.95	\$1.78
	\$2.66	\$2.14	\$2.46	\$2.40	\$1.81
Nuts Grade 8 Plus					
Coarse Thread					
Price at 1 each					
1/4"	\$0.02	\$0.02	\$0.12	\$0.03	\$0.07
5/16"	\$0.03	\$0.03	\$0.15	\$0.04	\$0.08
3/8"	\$0.05	\$0.04	\$0.19	\$0.06	\$0.09
1/2"	\$0.11	\$0.10	\$0.40	\$0.15	\$0.27
9/16"	\$0.18	\$0.20	\$0.50	\$0.22	\$0.04
5/8"	\$0.21	\$0.21	\$0.64	\$0.30	\$0.15
3/4"	\$0.32	\$0.34	\$0.99	\$0.50	\$0.23
Nuts Grade 8 Plus					
Fine Thread					
Price at 1 each					
1/4"	\$0.02	\$0.03	\$0.10	\$0.03	\$0.02
5/16"	\$0.04	\$0.04	\$0.13	\$0.05	\$0.02
3/8"	\$0.05	\$0.05	\$0.17	\$0.07	\$0.04
7/16"	\$0.09	\$0.10	\$0.29	\$0.12	\$0.05
1/2"	\$0.12	\$0.13	\$0.35	\$0.16	\$0.08
9/16"	\$0.18	\$0.21	\$0.45	\$0.24	\$0.04
5/8"	\$0.21	\$0.25	\$0.50	\$0.35	\$0.15
3/4"	\$0.32	\$0.39	\$0.91	\$0.55	\$0.23

Flat Washers					
Grade 8 Plus					
1/4"	\$0.03	\$0.01	\$0.06	\$0.05	\$0.08
5/16"	\$0.04	\$0.02	\$0.07	\$0.06	\$0.09
3/8"	\$0.05	\$0.03	\$0.09	\$0.08	\$0.10
7/16"	\$0.07	\$0.04	\$0.10	\$0.12	\$0.04
1/2"	\$0.11	\$0.06	\$0.14	\$0.17	\$0.25
9/16"	\$0.15	\$0.09	\$0.19	\$0.26	\$0.04
5/8"	\$0.21	\$0.11	\$0.27	\$0.30	\$0.22
3/4"	\$0.24	\$0.14	\$0.33	\$0.45	\$0.23
Lock Washers					
Grade 8 Plus					
1/4"	\$0.02	\$0.01	\$0.03	\$0.02	\$0.08
5/16"	\$0.03	\$0.02	\$0.04	\$0.03	\$0.08
3/8"	\$0.04	\$0.03	\$0.06	\$0.04	\$0.09
7/16"	\$0.05	\$0.04	\$0.09	\$0.07	\$0.22
1/2"	\$0.11	\$0.06	\$0.15	\$0.08	\$0.50
9/16"	\$0.15	\$0.08	\$0.20	\$0.10	\$0.01
5/8"	\$0.15	\$0.11	\$0.27	\$0.12	\$0.13
3/4"	\$0.22	\$0.20	\$0.33	\$0.18	\$0.21
Stainless Steel Type 316					
¹ / ₄ -20x1/2"	\$0.29	\$0.13	\$0.13	\$0.07	\$0.20
¹ / ₄ -20x3/4"	\$0.33	\$0.16	\$0.15	\$0.09	\$0.22

¹ / ₄ -20x1"	\$0.40	\$0.19	\$0.17	\$0.12	\$0.30	
¹ / ₄ -20x1 ¹ / ₂ "	\$0.55	\$0.25	\$0.23	\$0.15	\$0.42	
1/4-20x2"						
5/16-18x1/2"	\$0.68	\$0.31	\$0.29	\$0.20	\$0.30	
	\$0.49	\$0.23	\$0.30	\$0.10	\$0.14	
5/16-18x3/4"	\$0.55	\$0.25	\$0.24	\$0.12	\$0.15	
5/16-18-1	\$0.64	\$0.28	\$0.26	\$0.14	\$0.18	
5/16-18x 1/12"						
7/1 < 10 AV	\$0.87	\$0.39	\$0.37	\$0.20	\$0.36	
5/16-18x2"	\$1.08	\$0.50	\$0.45	\$0.25	\$0.40	
3/8-16x2 ½"	\$0.68	\$0.86	\$0.87	\$0.60	\$0.53	
7/16-14x3/4"						
7/16-14x1"	N/A	\$0.43	\$0.61	\$0.50	\$0.22	
	\$1.70	\$0.64	\$0.61	\$0.60	\$0.63	
7/16-14x 1 ½"	\$2.17	\$0.82	\$0.80	\$0.80	\$0.79	
7/16-14x2"	\$2.76	\$1.07	\$1.01	\$1.00	\$0.92	
7/16-14x 2 ½"						
1/ 12-19	\$3.32	\$1.31	\$1.21	\$1.25	\$0.76	
¹ / ₂ -13x1"	\$1.86	\$0.88	\$0.71	\$0.75	\$0.48	
¹ / ₂ -13x 1/1/2"	\$2.31	\$1.15	\$0.90	\$0.95	\$0.63	
¹ / ₂ -12x2"						
Stainless Steel Type 316	\$2.90	\$1.35	\$1.35	\$1.10	\$0.66	
1/ 12 2 1/						
¹ / ₂ -13x 2 ¹ / ₂	\$3.47	\$1.64	\$1.29	\$1.30	\$1.05	
¹ / ₂ -13x3"	\$3.93	\$1.92	\$1.54	\$1.40	\$1.39	
5/8-11x 2 ½"			\$2.57	\$2.25		
5/8-11x3 ½"	\$5.86	\$2.11	φ∠.5/	φ∠.∠٥	\$1.50	
	\$7.49	\$2.87	\$3.32	\$2.75	\$1.89	
5/8-11x6"	\$12.26	\$5.19	\$5.60	\$4.00	\$2.55	

³ / ₄ -10x2 ¹ / ₂ ''	#0.70	¢2.22	¢2.07	¢2.00	¢4.70
³ / ₄ -10x 3 ¹ / ₂ "	\$8.78	\$3.32	\$3.97	\$3.00	\$1.78
3/4-10x6"	\$11.78	\$4.29	\$5.10	\$3.75	\$2.85
	\$18.37	\$8.03	\$6.65	\$5.00	\$4.50
7/8-9x4"	\$19.53	\$7.07	\$8.88	\$6.00	\$5.68
7/8-9x6	\$26.69	\$10.76	\$12.41	\$9.50	\$8.20
Stainless Steel Type 316 Flat Wa		\$10.76	φ12.41	φ9.50	φο.20
¹/4-20x1/2"	\$0.03	\$0.03	\$0.09	\$0.04	\$0.10
¹ / ₄ -20x3/4"	Ψο.σο	φο.σο	\$0.11	Ψ0.04	\$0.10
¹/₄-20x1"			\$0.17		\$0.10
¹ / ₄ -20x1 ¹ / ₂ ''			\$0.19		\$0.10
¹/4-20x2''			\$0.29		\$0.10
5/16-18x1/2"	\$0.07	\$0.05	\$0.37	\$0.05	\$0.14
5/16-18x3/4"			\$0.63		\$0.14
5/16-18-1			\$0.89		\$0.14
5/16-18x 1/12"					\$0.14
5/16-18x2"					\$0.14
3/8-16x2 ¹ /2"	\$0.08	\$0.06		\$0.06	\$0.17
7/16-14x3/4"	\$0.11	\$0.17		\$0.12	\$0.12
7/16-14x1"					\$0.12
7/16-14x 1 ¹ / ₂ "					\$0.12
7/16-14x2"					\$0.12
7/16-14x 2 ½"					\$0.12
¹ / ₂ -13x1"	\$0.19	\$0.18		\$0.15	\$0.15

¹ / ₂ -13x 1/1/2"					\$0.15	
¹/2-12x2"					\$0.15	
¹ / ₂ -13x 2 ¹ / ₂						
¹ / ₂ -13x3"					\$0.15	
5/8-11x 2 ½"	\$0.30	\$0.28		0.3	\$0.15 \$0.26	
5/8-11x3 ¹ / ₂ ''	φυ.30	φυ.20		0.3	\$0.26	
5/8-11x6"					\$0.26	
³ / ₄ -10x2 ¹ / ₂ "	\$0.52	\$0.62		0.5	\$0.20	
³ / ₄ -10x 3 ¹ / ₂ "	ψ0.02	ψ0.02		0.0	\$0.48	
3.4-10x6"					\$0.48	
7/8-9x4"	\$0.76	\$0.65		0.8	\$0.15	
7/8-9x6	Voc	45155		9.0	\$0.15	
Stainless Steel Type 316 Lock Washers					V 51.10	
1/4-20x1/2"	\$0.06	\$0.04	\$0.05	\$0.04	\$0.07	
¹ / ₄ -20x3/4"	Ψοισο	Ψ0.0.		ψο.ο .		
¹/₄-20x1"						
¹ / ₄ -20x1 ¹ / ₂ "						
¹ / ₄ -20x2"						
5/16-18x1/2"	\$0.11	\$0.07		\$0.05		
5/16-18x3/4"	T	42.2.				
5/16-18-1				5.55		
5/16-18x 1/12"			752			
5/16-18x2"						
1/4-20x1/2" 1/4-20x1" 1/4-20x1" 1/4-20x1 1/2" 1/4-20x2" 5/16-18x1/2" 5/16-18x3/4" 5/16-18x 1/12" 5/16-18x2"	\$0.06	\$0.04	\$0.05 \$0.06 \$0.08 \$0.10 \$0.14 \$0.29 \$0.49 \$0.72	\$0.04 \$0.05 0.06	\$0.07 \$0.07 \$0.07 \$0.07 \$0.07 \$0.11 \$0.11 \$0.11 \$0.11	

3/8-16x2 ½''	CO 47	CO 44			CO 40
7/16-14x3/4"	\$0.17	\$0.11			\$0.10
7/16-14x1"	\$0.23	\$0.13		0.12	\$0.11
					\$0.11
7/16-14x 1 ½"					\$0.11
7/16-14x2"					
7/16-14x 2 ½"					\$0.11
¹ / ₂ -13x1"					\$0.11
½-13x 1/1/2"	\$0.35	\$0.23		0.14	\$0.15
					\$0.15
¹ / ₂ -12x2"					\$0.15
¹ / ₂ -13x 2 ¹ / ₂					\$0.15
¹ / ₂ -13x3"					
5/8-11x 2 ½"					\$0.15
5/8-11x3 ½'	\$0.67	\$0.44			\$0.26
					\$0.26
5/8-11x6"					\$0.26
³ / ₄ -10x2 ¹ / ₂ ''	\$1.06	\$0.73			\$0.08
³ / ₄ -10x 3 ¹ / ₂ "	¥1133				
3.4-10x6"					\$0.78
7/8-9x4"					\$0.08
	\$1.70	\$0.94			\$0.08
7/8-9x6					\$0.08
Stainless Steel Type 316 Nuts			\$0.18		
¹/₄-20x1/2''	(0.45	#0.00		00.04	00.44
1/4-20x3/4''	\$0.15	\$0.08	\$0.20	\$0.04	\$0.14
			\$0.25		\$0.14
¹ / ₄ -20x1"			\$0.37		\$0.14

¹ / ₄ -20x1 ¹ / ₂ ''					1
74-2UX1 72			\$0.59		\$0.14
¹ / ₄ -20x2"			\$0.98		\$0.14
5/16-18x1/2"	0.00	00.40		00.07	
5/16-18x3/4"	\$0.23	\$0.13	\$1.66	\$0.07	\$0.16
			\$2.26		\$0.16
5/16-18-1					\$0.16
5/16-18x 1/12"					\$0.16
5/16-18x2"					
3/8-16x2 ¹ / ₂ "					\$0.16
	\$0.33	\$0.19		0.1	\$0.17
7/16-14x3/4"	\$0.60	\$0.27		0.2	\$0.24
7/16-14x1"					\$0.24
7/16-14x 1 ½"					
7/16-14x2"					\$0.24
					\$0.24
7/16-14x 2 ½"					\$0.24
¹ / ₂ -13x1"	\$0.75	\$0.43		0.25	\$0.40
¹ / ₂ -13x 1/1/2"					\$0.40
¹ / ₂ -12x2"					ψ0.40
¹ / ₂ -13x 2 ¹ / ₂					\$0.40
					\$0.40
¹ / ₂ -13x3"					\$0.40
5/8-11x 2 ½"	\$1.40	\$0.83		0.6	\$0.43
5/8-11x3 ½"	ψ1.40	ψ0.03		0.0	ψ0.43
					\$0.43
5/8-11x6"					\$0.43
³ / ₄ -10x2 ¹ / ₂ "	\$2.15	\$1.38		0.8	\$0.65
³ / ₄ -10x 3 ¹ / ₂ "					
					\$0.65

3.4-10x6"				\$0.65
7/8-9x4"	\$3.74	\$1.66	1.25	\$0.32
7/8-9x6				\$0.32