



Wendel
 111 Washington Avenue North, Suite 300
 Minneapolis, Minnesota 55401
 (612) 332-1401

Medford Public School - RTU Replacement
Project Costs Based on Owatonna Heating & Cooling Bid
 April 5, 2017

	Aaon Base Bid + Alternates 2, 4 & 6	Carrier Alternate 1 + Alternates 3, 5 & 7	Aaon Base Bid + Alternates 2 & 4	Carrier Alternate 1 + Alternates 3 & 5	Aaon Base Bid + Alternate 2	Carrier Alternate 1 + Alternate 3	Aaon Base Bid	Carrier Alternate 1
Bid Results	\$1,902,300	\$1,821,000	\$1,685,600	\$1,590,000	\$1,393,800	\$1,322,000	\$1,134,400	\$1,093,000
Probable Cost Carrier Structural Change Order	\$0	\$47,463	\$0	\$47,463	\$0	\$47,463	\$0	\$47,463
Bid Results + Carrier Change Order	\$1,902,300	\$1,868,463	\$1,685,600	\$1,637,463	\$1,393,800	\$1,369,463	\$1,134,400	\$1,140,463
Assumed Carrier Savings		\$33,837		\$48,137		\$24,337		(\$6,063)
A/E Fee 6.5% x Bid Results	\$123,650	\$118,365	\$109,564	\$103,350	\$90,597	\$85,930	\$73,736	\$71,045
A/E Fee: 6.5% 80% x Bid Results x Alt. not taken	\$0	\$0	\$11,268	\$12,012	\$26,442	\$25,948	\$39,931	\$37,856
Structural Phase 1 Fee	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Structural Phase 2 Fee	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000
Structural Carrier Design Fee	\$0	\$7,500	\$0	\$7,500	\$0	\$7,500	\$0	\$7,500
A/E Fees	\$148,650	\$150,865	\$145,832	\$147,862	\$142,039	\$144,378	\$138,667	\$141,401
Plan Review Fee	\$5,045	\$5,045	\$5,045	\$5,045	\$5,045	\$5,045	\$5,045	\$5,045
Assumed Special Inspections & Testing Fee	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Assumed Commissioning Fee	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
Other Fees	\$30,045	\$30,045	\$30,045	\$30,045	\$30,045	\$30,045	\$30,045	\$30,045
Approximate Project Cost	\$2,080,995	\$2,049,373	\$1,861,477	\$1,815,370	\$1,565,884	\$1,543,886	\$1,303,112	\$1,311,909
Assumed Carrier Savings		\$31,621		\$46,107		\$21,998		(\$8,797)
Construction Contingency @ 8%	\$152,184	\$149,477	\$134,848	\$130,997	\$111,504	\$109,557	\$90,752	\$91,237
A/E Fee on Construction Contingency - 6.5%	\$9,892	\$9,716	\$8,765	\$8,515	\$7,248	\$7,121	\$5,899	\$5,930
Total Construction Contingency	\$162,076	\$159,193	\$143,613	\$139,512	\$118,752	\$116,678	\$96,651	\$97,167
Approximate Project Cost + Contengency	\$2,243,070	\$2,208,566	\$2,005,091	\$1,954,882	\$1,684,636	\$1,660,564	\$1,399,763	\$1,409,077
Assumed Carrier Savings		\$34,504		\$50,209		\$24,071		(\$9,314)