

City of Ironwood  
213 S. Marquette St.  
Ironwood, MI 49938



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## Special Ironwood City Commission Meeting

A Special Meeting of the Ironwood City Commission will be held on Tuesday, June 6, 2017 at 4:15 P.M. in the City of Ironwood Commission Chambers, 213 S. Marquette Street, Ironwood, MI 49938.

The purpose of the Special Meeting will be to discuss and consider awarding a bid for the Phase IV Utility Project, approve Resolution #017-012, approve the revised water and sewer applications, and approve any other amendments related to the Phase IV Utility Project, contingent upon the review and approval from USDA Rural Development.

- A. Call the Special Meeting to Order.  
Recording of the Roll.
- B. Discuss and Consider appointing an acting chairperson.
- C. Citizens wishing to address the Commission on Items on the Agenda (Three Minute Limit).
- D. Discuss and consider awarding a bid and approving Resolution #017-012 for the Phase IV Utility Project and authorize acting chair to sign, contingent on review and approval from USDA Rural Development.
- E. Discuss and Consider approval of revised Water Application for Federal Assistance for the City of Ironwood Phase IV Utility Project in the amount of \$2,701,336 and authorize acting chair to sign all applicable documents.
- F. Discuss and Consider approval of revised Sewer Application for Federal Assistance for the City of Ironwood Phase IV Utility Project in the amount of \$1,685,000 and authorize acting chair to sign all applicable documents.
- G. Discuss and Consider approval of Sewer Engineering Amendment No. 1 for the City of Ironwood Phase IV Utility Project to Coleman Engineering Company in the amount of \$12,600 and authorize acting chair to sign all applicable documents.
- H. Discuss and Consider approval of Water Engineering Amendment No. 1 for the City of Ironwood Phase IV Utility Project to Coleman Engineering Company in the amount of \$19,600 and authorize acting chair to sign all applicable documents.
- I. Adjournment.



This Institution is an Equal Opportunity Provider, Employer and Housing Employer/Lender





## COLEMAN ENGINEERING COMPANY

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635 CIRCLE DRIVE • IRON MOUNTAIN, MI 49801  
PHONE: 906-774-3440 • FAX: 906-774-7776

200 EAST AYER STREET • IRONWOOD, MI 49938  
PHONE: 906-932-5048 • FAX: 906-932-3213

May 31, 2017

Ms. Annette DaLio-Burchell, Mayor  
City of Ironwood  
213 S. Marquette Street  
Ironwood, Michigan 49938

Re: City of Ironwood – Phase IV Utility Project  
Engineer's Recommendation of Award

Dear Ms. DaLio-Burchell:

We have reviewed the five (5) bids received May 25, 2017 from construction contractors for the above referenced project. We have prepared a Bid Tabulation (attached) and verified that all of the required forms for bidding were submitted. All bids appear to have met the bidding requirements.

The low bid for the local project was received from Ruotsala Construction, LLC of Ironwood, Michigan in the amount of \$3,218,303.00. Jake's Excavating & Landscaping, LLC of Ironwood, Michigan was second lowest bidder with a bid amount of \$3,528,967.48 realizing a difference of \$310,664.48 between the two.

The original sewer construction budget in the Rural Development obligation was \$1,270,400.00 with an additional contingency of \$127,020.00. With the Ruotsala Construction bid being \$1,281,398.50 for sewer, we propose to use \$10,998.50 of the contingency fund to cover the construction bid overage and then propose Change Order No. 1 in the amount of \$62,441.00 to add additional work that was included in the original preliminary engineering report and environmental review. This then leaves \$40,980.50 in the sewer contingency fund during construction after the engineering amendment discussed below.

The original water construction budget in the Rural Development obligation was \$2,266,900.00 with an additional contingency of \$226,611.00. Ruotsala Construction's water bid was \$1,936,904.50 for water items which is \$556,606.50 under the original obligation. We propose Change Order No. 1 which uses \$98,235.50 of the contingency fund to add additional work that was included in the original preliminary engineering report and environmental review. This then leaves \$158,106.92 in the water contingency fund during construction after the engineering amendment discussed below.

With the addition of water and sewer utility work proposed in Change Order No. 1, there would be additional engineering costs. Water Engineering Amendment No. 1 would be a total of \$19,600 which breaks down to Basic Engineering costs of \$11,300, Inspection costs of \$7,100 and Other Engineering costs of \$1,200. Sewer Engineering Amendment No. 1 would be a total of \$12,600 which breaks down to Basic Engineering costs of 7,300, Inspection costs of \$4,500 and Other Engineering costs of \$800.

The USDA – Rural Development (RD) budgets are broken into water and sewer. In the following tables, the first column is the amounts as agreed upon in the RD funding obligation process, the second column is the changes with Change Order No. 1 and Engineering Amendment No. 1 and the third column is the new total.

SEWER CATEGORY	ORIGINAL	CHANGES	TOTAL
Admin./Legal	\$34,000.00	\$0.00	\$34,000.00
Basic Engineering	\$146,828.00	\$7,300.00	\$154,128.00
Inspection	\$90,698.00	\$4,500.00	\$95,198.00
Other Engineering	\$16,054.00	\$800.00	\$16,854.00
Contingency	\$127,020.00	-\$86,039.00	40,981.00
Construction	\$1,270,400.00	\$73,439.00	\$1,343,839.00
TOTAL	\$1,685,000.00	0.00	1,685,000.00

WATER CATEGORY	ORIGINAL	CHANGES	TOTAL
Admin./Legal	\$36,000.00	\$0.00	\$36,000.00
Basic Engineering	\$262,001.00	\$11,300.00	\$273,301.00
Inspection	\$161,842.00	\$7,100.00	\$168,942.00
Other Engineering	\$28,646.00	\$1,200.00	\$29,846.00
Contingency	\$226,611.00	-\$68,504.00	\$158,107.00
Construction	\$2,266,900.00	-\$231,760.00	\$2,035,140.00
TOTAL	\$2,982,000.00	-\$280,664.00	\$2,701,336.00

We recommend the Commission approve the Ruotsala Construction, LLC base bid, execute Change Order No. 1 and Engineering Amendment No. 1 (both water and sewer), and concur with the budget amounts as presented herein. This approval should be in the form of resolution 017-012 which will be sent to Rural Development as part of the award and loan closing process. The City should realize this recommendation is not binding on the City and we can change the award as you direct. We realize the City may consider other information and take action that the Commission feels is in the best interest of the City.

We have prepared five (5) copies of the “Notice of Award” to Ruotsala Construction, LLC in anticipation of your concurrence with our recommendation. There are requirements listed on the Notice of Award that Ruotsala Construction, LLC will need to fulfill prior to completion of the award process. If you find Coleman Engineering Company’s recommendation acceptable and award the project, please sign all five (5) copies of the Notice of Award and return them to

Coleman Engineering Company. We will distribute the executed documents to the contractor along with other required contractual items. When the contract is complete, we will provide you with a fully executed set of Contract Documents.

Please contact Jeff Sjoquist, PE, or myself if you have any questions or require additional information.

Sincerely,

COLEMAN ENGINEERING COMPANY

A handwritten signature in black ink, appearing to read "Michael J. Foley". The signature is written in a cursive style with a large, sweeping initial "M".

Michael J. Foley, PE  
Project Manager

Enclosure

**City of Ironwood - Phase IV Utility Project  
Bid Tabulation for Bids Received May 25, 2017**

Description	Unit	Quantity	Ruotsala Construction, LLC		Jake's Excavating & Landscaping, LLC		Snow Country Contracting, Inc.	
			Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
101. 6-Inch Watermain	Ft	15	\$ 37.00	\$ 555.00	\$ 45.00	\$ 675.00	\$ 63.67	\$ 955.05
102. 8-Inch Watermain	Ft	6265	\$ 40.00	\$ 250,600.00	\$ 44.25	\$ 277,226.25	\$ 46.67	\$ 292,387.55
103. 12-Inch Watermain	Ft	228	\$ 55.00	\$ 12,540.00	\$ 60.00	\$ 13,680.00	\$ 67.51	\$ 15,392.28
104. 16-Inch Watermain	Ft	4961	\$ 100.00	\$ 496,100.00	\$ 80.00	\$ 396,880.00	\$ 91.59	\$ 454,377.99
105. 16-Inch Watermain - Special	Ft	540	\$ 70.00	\$ 37,800.00	\$ 56.00	\$ 30,240.00	\$ 72.67	\$ 39,241.80
106. 8-Inch Gate Valve & Box	Ea	19	\$ 1,600.00	\$ 30,400.00	\$ 1,725.00	\$ 32,775.00	\$ 1,366.19	\$ 25,957.61
107. 12-Inch Gate Valve & Box	Ea	11	\$ 2,800.00	\$ 30,800.00	\$ 2,750.00	\$ 30,250.00	\$ 2,422.31	\$ 26,645.41
108. 16-Inch Butterfly Valve & Box	Ea	7	\$ 6,500.00	\$ 45,500.00	\$ 7,500.00	\$ 52,500.00	\$ 3,714.79	\$ 26,003.53
109. Gate Box, Reconstruct, Case 1	Ea	5	\$ 1,000.00	\$ 5,000.00	\$ 450.00	\$ 2,250.00	\$ 1,899.50	\$ 9,497.50
110. 8 x 8 x 6 Tee	Ea	18	\$ 400.00	\$ 7,200.00	\$ 350.00	\$ 6,300.00	\$ 264.18	\$ 4,755.24
111. 8 x 8 x 8 Tee	Ea	6	\$ 300.00	\$ 1,800.00	\$ 415.00	\$ 2,490.00	\$ 328.81	\$ 1,972.86
112. 12 x 12 x 6 Tee	Ea	4	\$ 425.00	\$ 1,700.00	\$ 550.00	\$ 2,200.00	\$ 445.40	\$ 1,781.60
113. 12 x 12 x 8 Tee	Ea	1	\$ 450.00	\$ 450.00	\$ 615.00	\$ 615.00	\$ 471.60	\$ 471.60
114. 12 x 12 x 12 Tee	Ea	3	\$ 525.00	\$ 1,575.00	\$ 775.00	\$ 2,325.00	\$ 130.13	\$ 390.39
115. 16 x 16 x 6 Tee	Ea	1	\$ 650.00	\$ 650.00	\$ 900.00	\$ 900.00	\$ 788.62	\$ 788.62
116. 16 x 16 x 12 Tee	Ea	1	\$ 1,000.00	\$ 1,000.00	\$ 1,200.00	\$ 1,200.00	\$ 949.75	\$ 949.75
117. 16 x 16 x 16 Tee	Ea	3	\$ 1,100.00	\$ 3,300.00	\$ 1,500.00	\$ 4,500.00	\$ 1,174.63	\$ 3,523.89
118. 12 x 8 x 12 x 8 Cross	Ea	2	\$ 525.00	\$ 1,050.00	\$ 875.00	\$ 1,750.00	\$ 805.65	\$ 1,611.30
119. 8 x 6 Reducer	Ea	3	\$ 200.00	\$ 600.00	\$ 250.00	\$ 750.00	\$ 170.30	\$ 510.90
120. 12 x 8 Reducer	Ea	2	\$ 300.00	\$ 600.00	\$ 375.00	\$ 750.00	\$ 304.58	\$ 609.16
121. 8-Inch Cap/Plug	Ea	3	\$ 150.00	\$ 450.00	\$ 250.00	\$ 750.00	\$ 155.02	\$ 465.06
122. 8-Inch 45° Bend	Ea	6	\$ 250.00	\$ 1,500.00	\$ 250.00	\$ 1,500.00	\$ 290.38	\$ 1,742.28
123. 8-Inch 11.25° Bend	Ea	5	\$ 250.00	\$ 1,250.00	\$ 250.00	\$ 1,250.00	\$ 286.89	\$ 1,434.45
124. 12-Inch 45° Bend	Ea	3	\$ 375.00	\$ 1,125.00	\$ 550.00	\$ 1,650.00	\$ 368.98	\$ 1,106.94
125. 12-Inch 11.25° Bend	Ea	1	\$ 300.00	\$ 300.00	\$ 525.00	\$ 525.00	\$ 425.75	\$ 425.75
126. 16-Inch 45° Bend	Ea	2	\$ 700.00	\$ 1,400.00	\$ 1,350.00	\$ 2,700.00	\$ 923.55	\$ 1,847.10
127. 16-Inch 11.25° Bend	Ea	1	\$ 700.00	\$ 700.00	\$ 1,350.00	\$ 1,350.00	\$ 884.25	\$ 884.25
128. Steel Casing Pipe, 30-Inch, Jacked-In-Place	Ft	90	\$ 200.00	\$ 18,000.00	\$ 1,345.00	\$ 121,050.00	\$ 1,670.73	\$ 150,365.70
129. Line Stops - 6-Inch	Ea	1	\$ 5,000.00	\$ 5,000.00	\$ 4,500.00	\$ 4,500.00	\$ 6,015.50	\$ 6,015.50
130. Line Stops - 16-Inch	Ea	3	\$ 15,000.00	\$ 45,000.00	\$ 17,000.00	\$ 51,000.00	\$ 15,153.75	\$ 45,461.25
131. Air Relief Vault	Ea	3	\$ 5,000.00	\$ 15,000.00	\$ 6,800.00	\$ 20,400.00	\$ 3,047.93	\$ 9,143.79
132. Marker Post	Ea	39	\$ 50.00	\$ 1,950.00	\$ 40.00	\$ 1,560.00	\$ 63.99	\$ 2,495.61
133. 1-Inch Corporation Stop	Ea	74	\$ 125.00	\$ 9,250.00	\$ 65.00	\$ 4,810.00	\$ 220.04	\$ 16,282.96
134. 1-Inch Curb Stop & Box	Ea	69	\$ 200.00	\$ 13,800.00	\$ 225.00	\$ 15,525.00	\$ 306.32	\$ 21,136.08
135. 1-Inch Type K Copper Service	Ft	1703	\$ 25.00	\$ 42,575.00	\$ 28.75	\$ 48,961.25	\$ 35.63	\$ 60,677.89
136. 6 x 12 Grade Offset Adapter	Ea	10	\$ 200.00	\$ 2,000.00	\$ 550.00	\$ 5,500.00	\$ 386.45	\$ 3,864.50

City of Ironwood - Phase IV Utility Project  
 Bid Tabulation for Bids Received May 25, 2017

Ruotsala Construction, LLC		Jake's Excavating & Landscaping, LLC		Snow Country Contracting, Inc.		
Description	Unit	Quantity	Unit Price	Extension	Unit Price	Extension
137. 6-Inch Ductile Iron Hydrant Lead	Ft	248	\$ 35.00	\$ 8,680.00	\$ 59.32	\$ 14,711.36
138. Fire Hydrant Assembly	Ea	20	\$ 4,500.00	\$ 90,000.00	\$ 3,936.55	\$ 78,731.00
139. Fire Hydrant Assembly - Special	Ea	1	\$ 5,500.00	\$ 5,500.00	\$ 6,419.00	\$ 6,419.00
140. Salvage Existing Hydrant	Ea	10	\$ 200.00	\$ 2,000.00	\$ 265.28	\$ 2,652.80
141. Connect to Existing 6 Watermain	Ea	3	\$ 1,000.00	\$ 3,000.00	\$ 1,305.63	\$ 3,916.89
142. Connect to Existing 8 Watermain	Ea	3	\$ 1,100.00	\$ 3,300.00	\$ 1,951.90	\$ 5,855.70
143. Connect to Existing 12 Watermain	Ea	14	\$ 1,200.00	\$ 16,800.00	\$ 2,148.40	\$ 30,077.60
144. Connect to Existing 16 Watermain	Ea	7	\$ 2,000.00	\$ 14,000.00	\$ 3,132.77	\$ 21,929.39
145. Remove Existing 16 Cap	Ea	1	\$ 100.00	\$ 100.00	\$ 1,112.19	\$ 1,112.19
146. Rock Excavation	Cyd	970	\$ 35.00	\$ 33,950.00	\$ 296.39	\$ 287,498.30
147. Special Backfill	Cyd	500	\$ 10.00	\$ 5,000.00	\$ 12.18	\$ 6,090.00
148. Stone Refill (MDOT 6A)	Cyd	500	\$ 25.00	\$ 12,500.00	\$ 29.21	\$ 14,605.00
149. Utility Exploration	Ea	45	\$ 250.00	\$ 11,250.00	\$ 111.35	\$ 5,010.75
150. Insulation	Sft	1148	\$ 1.00	\$ 1,148.00	\$ 2.54	\$ 2,915.92
151. TransCanada/Great Lakes Gas Pipeline Crossing	LS	1	\$ 80,000.00	\$ 80,000.00	\$ 207,363.50	\$ 207,363.50
152. Stream Crossing		1	\$ 6,500.00	\$ 6,500.00	\$ 14,606.50	\$ 14,606.50
153. CN Railroad Crossing	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 23,352.25	\$ 23,352.25
154. Maintain City Water Supply	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 200,070.00	\$ 200,070.00
<b>Water System Upgrades Subtotal:</b>			\$	1,402,248.00	\$	2,158,091.29

Ruotsala Construction, LLC		Jake's Excavating & Landscaping, LLC		Snow Country Contracting, Inc.		
Description	Unit	Quantity	Unit Price	Extension	Unit Price	Extension
200. 8 SDR 35 PVC Gravity Sewer	Ft	9515	\$ 50.00	\$ 475,750.00	\$ 46.18	\$ 439,402.70
201. 10 SDR 35 PVC Gravity Sewer	Ft	526	\$ 39.00	\$ 20,514.00	\$ 47.09	\$ 24,769.34
202. 4' Diameter Standard Manhole & Cover (VF)	Ft	345.3	\$ 300.00	\$ 103,590.00	\$ 372.17	\$ 128,510.30
203. Connect to Existing Sewer	Ea	8	\$ 800.00	\$ 6,400.00	\$ 854.78	\$ 6,838.24
204. 6 SDR 35 PVC Sewer Lateral	Ft	3902	\$ 30.00	\$ 117,060.00	\$ 31.07	\$ 121,235.14
205. Connect to Existing Sewer Lateral	Ea	84	\$ 100.00	\$ 8,400.00	\$ 327.50	\$ 27,510.00
206. 6 x 8 Sanitary Sewer Wye	Ea	86	\$ 100.00	\$ 8,600.00	\$ 85.45	\$ 7,348.70
207. Sanitary Sewer Lateral Cleanout	Ea	23	\$ 500.00	\$ 11,500.00	\$ 285.64	\$ 6,569.72
208. Cap Sewer Main - 8-Inch	Ea	2	\$ 200.00	\$ 400.00	\$ 68.78	\$ 137.56
209. Rock Excavation	Cyd	630	\$ 1.00	\$ 630.00	\$ 105.27	\$ 66,320.10
210. Special Backfill	Cyd	500	\$ 10.00	\$ 5,000.00	\$ 12.18	\$ 6,090.00
211. Stone Refill (MDOT 6A)	Cyd	500	\$ 25.00	\$ 12,500.00	\$ 29.21	\$ 14,605.00
212. Utility Exploration	Ea	35	\$ 250.00	\$ 8,750.00	\$ 111.35	\$ 3,897.25
213. Insulation	Sft	320	\$ 1.00	\$ 320.00	\$ 2.54	\$ 812.80
214. Culvert, HDPE, 24-Inch	Ft	100	\$ 40.00	\$ 4,000.00	\$ 37.34	\$ 3,734.00
215. Culvert, HDPE, 30-Inch	Ft	220	\$ 45.00	\$ 9,900.00	\$ 45.73	\$ 10,060.60

Ruotsala Construction, LLC		Jake's Excavating & Landscaping, LLC		Snow Country Contracting, Inc.		
Description	Unit	Quantity	Unit Price	Extension	Unit Price	Extension
200. 8 SDR 35 PVC Gravity Sewer	Ft	9515	\$ 50.00	\$ 475,750.00	\$ 46.18	\$ 439,402.70
201. 10 SDR 35 PVC Gravity Sewer	Ft	526	\$ 39.00	\$ 20,514.00	\$ 47.09	\$ 24,769.34
202. 4' Diameter Standard Manhole & Cover (VF)	Ft	345.3	\$ 300.00	\$ 103,590.00	\$ 372.17	\$ 128,510.30
203. Connect to Existing Sewer	Ea	8	\$ 800.00	\$ 6,400.00	\$ 854.78	\$ 6,838.24
204. 6 SDR 35 PVC Sewer Lateral	Ft	3902	\$ 30.00	\$ 117,060.00	\$ 31.07	\$ 121,235.14
205. Connect to Existing Sewer Lateral	Ea	84	\$ 100.00	\$ 8,400.00	\$ 327.50	\$ 27,510.00
206. 6 x 8 Sanitary Sewer Wye	Ea	86	\$ 100.00	\$ 8,600.00	\$ 85.45	\$ 7,348.70
207. Sanitary Sewer Lateral Cleanout	Ea	23	\$ 500.00	\$ 11,500.00	\$ 285.64	\$ 6,569.72
208. Cap Sewer Main - 8-Inch	Ea	2	\$ 200.00	\$ 400.00	\$ 68.78	\$ 137.56
209. Rock Excavation	Cyd	630	\$ 1.00	\$ 630.00	\$ 105.27	\$ 66,320.10
210. Special Backfill	Cyd	500	\$ 10.00	\$ 5,000.00	\$ 12.18	\$ 6,090.00
211. Stone Refill (MDOT 6A)	Cyd	500	\$ 25.00	\$ 12,500.00	\$ 29.21	\$ 14,605.00
212. Utility Exploration	Ea	35	\$ 250.00	\$ 8,750.00	\$ 111.35	\$ 3,897.25
213. Insulation	Sft	320	\$ 1.00	\$ 320.00	\$ 2.54	\$ 812.80
214. Culvert, HDPE, 24-Inch	Ft	100	\$ 40.00	\$ 4,000.00	\$ 37.34	\$ 3,734.00
215. Culvert, HDPE, 30-Inch	Ft	220	\$ 45.00	\$ 9,900.00	\$ 45.73	\$ 10,060.60

Ruotsala Construction, LLC		Jake's Excavating & Landscaping, LLC		Snow Country Contracting, Inc.		
Description	Unit	Quantity	Unit Price	Extension	Unit Price	Extension
200. 8 SDR 35 PVC Gravity Sewer	Ft	9515	\$ 50.00	\$ 475,750.00	\$ 46.18	\$ 439,402.70
201. 10 SDR 35 PVC Gravity Sewer	Ft	526	\$ 39.00	\$ 20,514.00	\$ 47.09	\$ 24,769.34
202. 4' Diameter Standard Manhole & Cover (VF)	Ft	345.3	\$ 300.00	\$ 103,590.00	\$ 372.17	\$ 128,510.30
203. Connect to Existing Sewer	Ea	8	\$ 800.00	\$ 6,400.00	\$ 854.78	\$ 6,838.24
204. 6 SDR 35 PVC Sewer Lateral	Ft	3902	\$ 30.00	\$ 117,060.00	\$ 31.07	\$ 121,235.14
205. Connect to Existing Sewer Lateral	Ea	84	\$ 100.00	\$ 8,400.00	\$ 327.50	\$ 27,510.00
206. 6 x 8 Sanitary Sewer Wye	Ea	86	\$ 100.00	\$ 8,600.00	\$ 85.45	\$ 7,348.70
207. Sanitary Sewer Lateral Cleanout	Ea	23	\$ 500.00	\$ 11,500.00	\$ 285.64	\$ 6,569.72
208. Cap Sewer Main - 8-Inch	Ea	2	\$ 200.00	\$ 400.00	\$ 68.78	\$ 137.56
209. Rock Excavation	Cyd	630	\$ 1.00	\$ 630.00	\$ 105.27	\$ 66,320.10
210. Special Backfill	Cyd	500	\$ 10.00	\$ 5,000.00	\$ 12.18	\$ 6,090.00
211. Stone Refill (MDOT 6A)	Cyd	500	\$ 25.00	\$ 12,500.00	\$ 29.21	\$ 14,605.00
212. Utility Exploration	Ea	35	\$ 250.00	\$ 8,750.00	\$ 111.35	\$ 3,897.25
213. Insulation	Sft	320	\$ 1.00	\$ 320.00	\$ 2.54	\$ 812.80
214. Culvert, HDPE, 24-Inch	Ft	100	\$ 40.00	\$ 4,000.00	\$ 37.34	\$ 3,734.00
215. Culvert, HDPE, 30-Inch	Ft	220	\$ 45.00	\$ 9,900.00	\$ 45.73	\$ 10,060.60

**City of Ironwood - Phase IV Utility Project  
Bid Tabulation for Bids Received May 25, 2017**

Description		Unit	Quantity	Unit Price	Extension
216. Culvert End Section, 24-Inch		Ea	7	\$ 408.91	\$ 2,862.37
217. Culvert End Section, 30-Inch		Ea	5	\$ 491.25	\$ 2,456.25
218. 12-inch HDPE Storm Sewer		Ft	1021	\$ 32.89	\$ 33,580.69
219. 15-inch HDPE Storm Sewer		Ft	861	\$ 35.98	\$ 30,978.78
220. 18-inch HDPE Storm Sewer		Ft	976	\$ 45.42	\$ 44,329.92
221. 24-inch HDPE Storm Sewer		Ft	465	\$ 57.65	\$ 26,807.25
222. 30-inch HDPE Storm Sewer		Ft	764	\$ 71.72	\$ 54,794.08
223. Storm Sewer Catch Basin, 2' Diameter		Ea	16	\$ 1,447.55	\$ 23,160.80
224. Storm Sewer Catch Basin, 4' & 5' Diameter		Ea	17	\$ 3,077.73	\$ 52,321.41
225. Connect to Existing Storm Sewer		Ea	1	\$ 844.95	\$ 844.95
226. Ditch Cleanout		Ft	920	\$ 6.62	\$ 6,090.40
227. Riprap, Heavy		Syd	160	\$ 46.26	\$ 7,401.60
228. Video Taping Sewer & Culvert Pipe		Ft	14448	\$ 1.05	\$ 15,170.40
229. Sewer Bulkhead - Through 18		Ea	105	\$ 124.45	\$ 13,067.25
230. Sewer Bulkhead - Over 18		Ea	25	\$ 176.85	\$ 4,421.25
231. Non-Structural Flowable Fill		Cyd	16	\$ 358.61	\$ 5,737.76
<b>Sanitary Sewer System Upgrades Subtotal:</b>				\$	1,191,866.61

Ruotsala Construction, LLC		Unit Price	Extension
		\$ 250.00	\$ 1,750.00
		\$ 300.00	\$ 1,500.00
		\$ 25.00	\$ 25,525.00
		\$ 30.00	\$ 25,830.00
		\$ 31.00	\$ 30,256.00
		\$ 40.00	\$ 18,600.00
		\$ 42.00	\$ 32,088.00
		\$ 1,500.00	\$ 24,000.00
		\$ 2,300.00	\$ 39,100.00
		\$ 700.00	\$ 700.00
		\$ 4.00	\$ 3,680.00
		\$ 50.00	\$ 8,000.00
		\$ 1.50	\$ 21,672.00
		\$ 250.00	\$ 26,250.00
		\$ 300.00	\$ 7,500.00
		\$ 200.00	\$ 3,200.00
		\$	1,062,965.00

Jake's Excavating & Landscaping, LLC		Unit Price	Extension
		\$ 275.00	\$ 1,925.00
		\$ 450.00	\$ 2,250.00
		\$ 25.00	\$ 25,525.00
		\$ 28.50	\$ 24,538.50
		\$ 33.50	\$ 32,696.00
		\$ 45.00	\$ 20,925.00
		\$ 52.00	\$ 39,728.00
		\$ 1,970.00	\$ 31,520.00
		\$ 2,550.00	\$ 43,350.00
		\$ 500.00	\$ 500.00
		\$ 5.00	\$ 4,600.00
		\$ 40.00	\$ 6,400.00
		\$ 1.20	\$ 17,337.60
		\$ 125.00	\$ 13,125.00
		\$ 200.00	\$ 5,000.00
		\$ 120.00	\$ 1,920.00
		\$	973,402.70

Snow Country Contracting, Inc.		Unit Price	Extension
		\$ 408.91	\$ 2,862.37
		\$ 491.25	\$ 2,456.25
		\$ 32.89	\$ 33,580.69
		\$ 35.98	\$ 30,978.78
		\$ 45.42	\$ 44,329.92
		\$ 57.65	\$ 26,807.25
		\$ 71.72	\$ 54,794.08
		\$ 1,447.55	\$ 23,160.80
		\$ 3,077.73	\$ 52,321.41
		\$ 844.95	\$ 844.95
		\$ 6.62	\$ 6,090.40
		\$ 46.26	\$ 7,401.60
		\$ 1.05	\$ 15,170.40
		\$ 124.45	\$ 13,067.25
		\$ 176.85	\$ 4,421.25
		\$ 358.61	\$ 5,737.76
		\$	1,191,866.61

\$	2.18	\$ 93,709.48
\$	3.17	\$ 4,583.82
\$	0.86	\$ 4,480.60
\$	6.18	\$ 43,321.80
\$	3.82	\$ 2,177.40
\$	78.13	\$ 24,610.95
\$	102.60	\$ 2,052.00
\$	17.10	\$ 98,102.70
\$	6.96	\$ 1,740.00
\$	3.96	\$ 5,940.00
\$	5.06	\$ 14,674.00
\$	7.89	\$ 154,833.36
\$	5.35	\$ 104,988.40
\$	15.34	\$ 19,880.64
\$	25.38	\$ 50,760.00
\$	8.97	\$ 90,238.20
\$	7.60	\$ 163,126.40

\$	2.85	\$ 122,510.10
\$	2.50	\$ 3,615.00
\$	1.50	\$ 7,815.00
\$	6.15	\$ 43,111.50
\$	4.00	\$ 2,280.00
\$	80.00	\$ 25,200.00
\$	300.00	\$ 6,000.00
\$	16.85	\$ 96,668.45
\$	5.20	\$ 1,300.00
\$	4.75	\$ 7,125.00
\$	4.75	\$ 13,775.00
\$	6.25	\$ 122,650.00
\$	5.40	\$ 105,969.60
\$	14.10	\$ 18,273.60
\$	11.00	\$ 22,000.00
\$	5.50	\$ 55,330.00
\$	5.65	\$ 121,271.60

\$	0.50	\$ 21,493.00
\$	1.00	\$ 1,446.00
\$	1.00	\$ 5,210.00
\$	4.00	\$ 28,040.00
\$	5.00	\$ 2,850.00
\$	50.00	\$ 15,750.00
\$	100.00	\$ 2,000.00
\$	14.00	\$ 80,318.00
\$	8.00	\$ 2,000.00
\$	3.00	\$ 4,500.00
\$	4.00	\$ 11,600.00
\$	7.00	\$ 137,368.00
\$	4.50	\$ 88,308.00
\$	15.00	\$ 19,440.00
\$	25.00	\$ 50,000.00
\$	5.50	\$ 55,330.00
\$	5.75	\$ 123,418.00

\$	2.85	\$ 122,510.10
\$	2.50	\$ 3,615.00
\$	1.50	\$ 7,815.00
\$	6.15	\$ 43,111.50
\$	4.00	\$ 2,280.00
\$	80.00	\$ 25,200.00
\$	300.00	\$ 6,000.00
\$	16.85	\$ 96,668.45
\$	5.20	\$ 1,300.00
\$	4.75	\$ 7,125.00
\$	4.75	\$ 13,775.00
\$	6.25	\$ 122,650.00
\$	5.40	\$ 105,969.60
\$	14.10	\$ 18,273.60
\$	11.00	\$ 22,000.00
\$	5.50	\$ 55,330.00
\$	5.65	\$ 121,271.60

\$	0.50	\$ 21,493.00
\$	1.00	\$ 1,446.00
\$	1.00	\$ 5,210.00
\$	4.00	\$ 28,040.00
\$	5.00	\$ 2,850.00
\$	50.00	\$ 15,750.00
\$	100.00	\$ 2,000.00
\$	14.00	\$ 80,318.00
\$	8.00	\$ 2,000.00
\$	3.00	\$ 4,500.00
\$	4.00	\$ 11,600.00
\$	7.00	\$ 137,368.00
\$	4.50	\$ 88,308.00
\$	15.00	\$ 19,440.00
\$	25.00	\$ 50,000.00
\$	5.50	\$ 55,330.00
\$	5.75	\$ 123,418.00

300. Slope Restoration, Type A	Syd	42986
301. Slope Restoration, Type B	Syd	1446
302. Wetland Restoration	Syd	5210
303. Sidewalk, Concrete, 4-Inch	Sft	7010
304. Sidewalk, Removal	Sft	570
305. Driveway, Non-Reinf. Concrete, 6-Inch	Sft	315
306. Detectable Warning Surface	Ft	20
307. Curb & Gutter, Conc, Det C-2	Ft	5737
308. Curb Sloped, HMA	Ft	250
309. Underdrain, Subgrade, 4-Inch	Ft	1500
310. Underdrain, Subgrade, Open-Graded, 4-Inch	Ft	2900
311. HMA (4E1, Leveling, 220#/SYD)	Syd	19624
312. HMA (5E1, Surface, 165#/SYD)	Syd	19624
313. HMA (5E1, Driveway, 275#/SYD)	Syd	1296
314. Subgrade Undercutting, Type III	Cyd	2000
315. Earth Excavation	Cyd	10060
316. Aggregate Base, 8-Inch	Syd	21464



**City of Ironwood - Phase IV Utility Project  
Bid Tabulation for Bids Received May 25, 2017**

Description		Unit	Quantity	Unit Price	Extension
317. Aggregate Base, 4-Inch		Syd	1278	\$ 4.00	\$ 5,112.00
318. Aggregate Surface, 8-Inch		Syd	6529	\$ 5.00	\$ 32,645.00
319. Shoulder, Class II, 4-Inch		Syd	813	\$ 4.00	\$ 3,252.00
320. Traffic Maintenance		LS	1	\$ 10,000.00	\$ 10,000.00
321. Pavt. Mrkg. Waterborne, 4-Inch, White		Ft	110	\$ 1.00	\$ 110.00
322. Pavt. Mrkg. Waterborne, 6-Inch, White		Ft	2305	\$ 1.00	\$ 2,305.00
323. Pavt. Mrkg. Waterborne, 4-Inch, Yellow		Ft	2275	\$ 1.00	\$ 2,275.00
324. Pavt. Mrkg. Waterborne, 18-Inch, Stop Bar		Ft	24	\$ 10.00	\$ 240.00
325. Pavt. Mrkg. Waterborne, Only		Ea	2	\$ 150.00	\$ 300.00
326. Pavt. Mrkg. Waterborne, Lt Turn Arrow Sym		Ea	1	\$ 200.00	\$ 200.00
327. Pavt. Mrkg. Waterborne, Rt Turn Arrow Sym		Ea	1	\$ 200.00	\$ 200.00
328. Erosion Control, Check Dam, Stone		Ea	15	\$ 75.00	\$ 1,125.00
329. Erosion Control, Sediment Basin		Ea	5	\$ 100.00	\$ 500.00
330. Erosion Control, Silt Fence		Ft	700	\$ 1.00	\$ 700.00
331. Erosion Control, Inlet Protection, Fabric Drop		Ea	55	\$ 25.00	\$ 1,375.00
332. Tree Removal, 12 and Bigger		Ea	12	\$ 300.00	\$ 3,600.00
333. Fence, Moving		Ft	30	\$ 35.00	\$ 1,050.00
334. Underdrain Outlet, 4-Inch		Ea	20	\$ 10.00	\$ 200.00
335. Post, Mailbox		Ea	6	\$ 400.00	\$ 2,400.00
336. Watering		Unit	1000	\$ 1.00	\$ 1,000.00
337. Removing Out of Service Pipeline		Ft	1250	\$ 3.00	\$ 3,750.00
338. Curb and Gutter, Rem		Ft	5280	\$ 6.00	\$ 31,680.00
<b>Water &amp; Sanitary Sewer Restoration Subtotal:</b>				\$	753,090.00

Ruotsala Construction, LLC		Unit Price	Extension
		\$ 4.00	\$ 5,112.00
		\$ 5.00	\$ 32,645.00
		\$ 4.00	\$ 3,252.00
		\$ 10,000.00	\$ 10,000.00
		\$ 1.00	\$ 110.00
		\$ 1.00	\$ 2,305.00
		\$ 1.00	\$ 2,275.00
		\$ 10.00	\$ 240.00
		\$ 150.00	\$ 300.00
		\$ 200.00	\$ 200.00
		\$ 200.00	\$ 200.00
		\$ 75.00	\$ 1,125.00
		\$ 100.00	\$ 500.00
		\$ 1.00	\$ 700.00
		\$ 25.00	\$ 1,375.00
		\$ 300.00	\$ 3,600.00
		\$ 35.00	\$ 1,050.00
		\$ 10.00	\$ 200.00
		\$ 400.00	\$ 2,400.00
		\$ 1.00	\$ 1,000.00
		\$ 3.00	\$ 3,750.00
		\$ 6.00	\$ 31,680.00
		\$	753,090.00

Jake's Excavating & Landscaping, LLC		Unit Price	Extension
		\$ 2.95	\$ 3,770.10
		\$ 5.27	\$ 34,407.83
		\$ 4.75	\$ 3,861.75
		\$ 39,500.00	\$ 39,500.00
		\$ 0.75	\$ 82.50
		\$ 1.00	\$ 2,305.00
		\$ 0.75	\$ 1,706.25
		\$ 7.00	\$ 168.00
		\$ 110.00	\$ 220.00
		\$ 150.00	\$ 150.00
		\$ 150.00	\$ 150.00
		\$ 100.00	\$ 1,500.00
		\$ 150.00	\$ 750.00
		\$ 3.00	\$ 2,100.00
		\$ 45.00	\$ 2,475.00
		\$ 275.00	\$ 3,300.00
		\$ 25.00	\$ 750.00
		\$ 30.00	\$ 600.00
		\$ 75.00	\$ 450.00
		\$ 3.00	\$ 3,000.00
		\$ 1.00	\$ 1,250.00
		\$ 4.50	\$ 23,760.00
		\$	901,151.28

Snow Country Contracting, Inc.		Unit Price	Extension
		\$ 4.06	\$ 5,188.68
		\$ 6.70	\$ 43,744.30
		\$ 5.92	\$ 4,812.96
		\$ 13,886.00	\$ 13,886.00
		\$ 0.63	\$ 69.30
		\$ 1.19	\$ 2,742.95
		\$ 0.63	\$ 1,433.25
		\$ 5.70	\$ 136.80
		\$ 108.30	\$ 216.60
		\$ 91.20	\$ 91.20
		\$ 91.20	\$ 91.20
		\$ 216.15	\$ 3,242.25
		\$ 556.75	\$ 2,783.75
		\$ 1.38	\$ 966.00
		\$ 57.00	\$ 3,135.00
		\$ 727.05	\$ 8,724.60
		\$ 18.34	\$ 550.20
		\$ 20.31	\$ 406.20
		\$ 45.85	\$ 275.10
		\$ 7.40	\$ 7,400.00
		\$ 3.29	\$ 4,112.50
		\$ 1.47	\$ 7,761.60
		\$	990,990.19

\$	2,158,091.29
\$	1,191,866.61
\$	990,990.19
\$	<b>4,340,948.09</b>

\$	1,654,413.50
\$	973,402.70
\$	901,151.28
\$	<b>3,528,967.48</b>

\$	1,402,248.00
\$	1,062,965.00
\$	753,090.00
\$	<b>3,218,303.00</b>

Water System Upgrades Subtotal:		\$	1,402,248.00
Sanitary Sewer System Upgrades Subtotal:		\$	1,062,965.00
Water & Sanitary Sewer Restoration Subtotal:		\$	753,090.00
<b>Total Base Bid:</b>		\$	<b>3,218,303.00</b>

\* - Indicates corrected figure in accordance with Section 00800 - Instructions to Bidders - 14.01.A



City of Ironwood - Phase IV Utility Project  
 Bid Tabulation for Bids Received May 25, 2017

Description	Unit	Quantity	A-1 Excavating, Inc.		Bacco Construction Company	
			Unit Price	Extension	Unit Price	Extension
101. 6-Inch Watermain	Ft	15	\$ 52.00	\$ 780.00	\$ 52.90	\$ 793.50
102. 8-Inch Watermain	Ft	6265	\$ 63.00	\$ 394,695.00	\$ 63.90	\$ 400,333.50
103. 12-inch Watermain	Ft	228	\$ 74.00	\$ 16,872.00	\$ 70.10	\$ 15,982.80
104. 16-inch Watermain	Ft	4961	\$ 87.00	\$ 431,607.00	\$ 110.00	\$ 545,710.00
105. 16-inch Watermain - Special	Ft	540	\$ 47.00	\$ 25,380.00	\$ 45.60	\$ 24,624.00
106. 8-inch Gate Valve & Box	Ea	19	\$ 1,325.00	\$ 25,175.00	\$ 1,600.00	\$ 30,400.00
107. 12-inch Gate Valve & Box	Ea	11	\$ 2,250.00	\$ 24,750.00	\$ 2,750.00	\$ 30,250.00
108. 16-inch Butterfly Valve & Box	Ea	7	\$ 3,200.00	\$ 22,400.00	\$ 6,300.00	\$ 44,100.00
109. Gate Box, Reconstruct, Case 1	Ea	5	\$ 600.00	\$ 3,000.00	\$ 502.00	\$ 2,510.00
110. 8 x 8 x 6 Tee	Ea	18	\$ 450.00	\$ 8,100.00	\$ 338.00	\$ 6,084.00
111. 8 x 8 x 8 Tee	Ea	6	\$ 515.00	\$ 3,090.00	\$ 385.00	\$ 2,310.00
112. 12 x 12 x 6 Tee	Ea	4	\$ 640.00	\$ 2,560.00	\$ 526.00	\$ 2,104.00
113. 12 x 12 x 8 Tee	Ea	1	\$ 700.00	\$ 700.00	\$ 580.00	\$ 580.00
114. 12 x 12 x 12 Tee	Ea	3	\$ 800.00	\$ 2,400.00	\$ 696.00	\$ 2,088.00
115. 16 x 16 x 6 Tee	Ea	1	\$ 1,025.00	\$ 1,025.00	\$ 902.00	\$ 902.00
116. 16 x 16 x 12 Tee	Ea	1	\$ 1,410.00	\$ 1,410.00	\$ 1,100.00	\$ 1,100.00
117. 16 x 16 x 16 Tee	Ea	3	\$ 1,540.00	\$ 4,620.00	\$ 1,300.00	\$ 3,900.00
118. 12 x 8 x 12 x 8 Cross	Ea	2	\$ 850.00	\$ 1,700.00	\$ 709.00	\$ 1,418.00
119. 8 x 6 Reducer	Ea	3	\$ 320.00	\$ 960.00	\$ 200.00	\$ 600.00
120. 12 x 8 Reducer	Ea	2	\$ 400.00	\$ 800.00	\$ 324.00	\$ 648.00
121. 8-inch Cap/Plug	Ea	3	\$ 170.00	\$ 510.00	\$ 133.00	\$ 399.00
122. 8-Inch 45° Bend	Ea	6	\$ 340.00	\$ 2,040.00	\$ 243.00	\$ 1,458.00
123. 8-Inch 11.25° Bend	Ea	5	\$ 340.00	\$ 1,700.00	\$ 238.00	\$ 1,190.00
124. 12-inch 45° Bend	Ea	3	\$ 600.00	\$ 1,800.00	\$ 445.00	\$ 1,335.00
125. 12-inch 11.25° Bend	Ea	1	\$ 600.00	\$ 600.00	\$ 420.00	\$ 420.00
126. 16-inch 45° Bend	Ea	2	\$ 950.00	\$ 1,900.00	\$ 783.00	\$ 1,566.00
127. 16-inch 11.25° Bend	Ea	1	\$ 950.00	\$ 950.00	\$ 789.00	\$ 789.00
128. Steel Casing Pipe, 30-Inch, Jacked-In-Place	Ft	90	\$ 1,385.00	\$ 124,650.00	\$ 383.00	\$ 34,470.00
129. Line Stops - 6-Inch	Ea	1	\$ 9,000.00	\$ 9,000.00	\$ 4,250.00	\$ 4,250.00
130. Line Stops - 16-Inch	Ea	3	\$ 25,100.00	\$ 75,300.00	\$ 16,200.00	\$ 48,600.00
131. Air Relief Vault	Ea	3	\$ 6,700.00	\$ 20,100.00	\$ 5,350.00	\$ 16,050.00
132. Marker Post	Ea	39	\$ 100.00	\$ 3,900.00	\$ 44.70	\$ 1,743.30
133. 1-inch Corporation Stop	Ea	74	\$ 170.00	\$ 12,580.00	\$ 230.00	\$ 17,020.00
134. 1-inch Curb Stop & Box	Ea	69	\$ 290.00	\$ 20,010.00	\$ 311.00	\$ 21,459.00
135. 1-inch Type K Copper Service	Ft	1703	\$ 38.00	\$ 64,714.00	\$ 40.80	\$ 69,482.40
136. 6 x 12 Grade Offset Adapter	Ea	10	\$ 640.00	\$ 6,400.00	\$ 441.00	\$ 4,410.00

City of Ironwood - Phase IV Utility Project  
 Bid Tabulation for Bids Received May 25, 2017

Description	Unit	Quantity	A-1 Excavating, Inc.		Bacco Construction Company		
			Unit Price	Extension	Unit Price	Extension	
137. 6-Inch Ductile Iron Hydrant Lead	Ft	248	\$ 46.00	\$ 11,408.00	\$ 44.90	\$ 11,135.20	
138. Fire Hydrant Assembly	Ea	20	\$ 4,100.00	\$ 82,000.00	\$ 5,050.00	\$ 101,000.00	
139. Fire Hydrant Assembly - Special	Ea	1	\$ 5,300.00	\$ 5,300.00	\$ 8,300.00	\$ 8,300.00	
140. Salvage Existing Hydrant	Ea	10	\$ 300.00	\$ 3,000.00	\$ 350.00	\$ 3,500.00	
141. Connect to Existing 6 Watermain	Ea	3	\$ 1,500.00	\$ 4,500.00	\$ 2,400.00	\$ 7,200.00	
142. Connect to Existing 8 Watermain	Ea	3	\$ 1,600.00	\$ 4,800.00	\$ 2,750.00	\$ 8,250.00	
143. Connect to Existing 12 Watermain	Ea	14	\$ 2,000.00	\$ 28,000.00	\$ 4,400.00	\$ 61,600.00	
144. Connect to Existing 16 Watermain	Ea	7	\$ 2,525.00	\$ 17,675.00	\$ 6,950.00	\$ 48,650.00	
145. Remove Existing 16 Cap	Ea	1	\$ 1,800.00	\$ 1,800.00	\$ 406.00	\$ 406.00	
146. Rock Excavation	Cyd	970	\$ 145.00	\$ 140,650.00	\$ 151.00	\$ 146,470.00	
147. Special Backfill	Cyd	500	\$ 27.00	\$ 13,500.00	\$ 9.85	\$ 4,925.00	
148. Stone Refill (MDOT 6A)	Cyd	500	\$ 39.00	\$ 19,500.00	\$ 26.40	\$ 13,200.00	
149. Utility Exploration	Ea	45	\$ 200.00	\$ 9,000.00	\$ 250.00	\$ 11,250.00	
150. Insulation	Sft	1148	\$ 2.00	\$ 2,296.00	\$ 2.70	\$ 3,099.60	
151. TransCanada/Great Lakes Gas Pipeline Crossing	LS	1	\$ 170,000.00	\$ 170,000.00	\$ 392,200.00	\$ 392,200.00	
152. Stream Crossing		1	\$ 10,000.00	\$ 10,000.00	\$ 2,050.00	\$ 2,050.00	
153. CN Railroad Crossing	LS	1	\$ 22,000.00	\$ 22,000.00	\$ 26,200.00	\$ 26,200.00	
154. Maintain City Water Supply	LS	1	\$ 51,000.00	\$ 51,000.00	\$ 53,700.00	\$ 53,700.00	
<b>Water System Upgrades Subtotal:</b>				<b>\$</b>	<b>1,914,607.00</b>	<b>\$</b>	<b>2,244,215.30</b>

200. 8 SDR 35 PVC Gravity Sewer	Ft	9515	\$ 53.00	\$ 504,295.50	\$ 53.10	\$ 505,246.50
201. 10 SDR 35 PVC Gravity Sewer	Ft	526	\$ 58.00	\$ 30,508.00	\$ 45.20	\$ 23,775.20
202. 4' Diameter Standard Manhole & Cover (VF)	Ft	345.3	\$ 355.00	\$ 122,581.50	\$ 335.00	\$ 115,675.50
203. Connect to Existing Sewer	Ea	8	\$ 1,400.00	\$ 11,200.00	\$ 338.00	\$ 2,704.00
204. 6 SDR 35 PVC Sewer Lateral	Ft	3902	\$ 40.00	\$ 156,080.00	\$ 35.90	\$ 140,081.80
205. Connect to Existing Sewer Lateral	Ea	84	\$ 100.00	\$ 8,400.00	\$ 210.00	\$ 17,640.00
206. 6 x 8 Sanitary Sewer Wye	Ea	86	\$ 110.00	\$ 9,460.00	\$ 96.80	\$ 8,324.80
207. Sanitary Sewer Lateral Cleanout	Ea	23	\$ 520.00	\$ 11,960.00	\$ 299.00	\$ 6,877.00
208. Cap Sewer Main - 8-Inch	Ea	2	\$ 50.00	\$ 100.00	\$ 158.00	\$ 316.00
209. Rock Excavation	Cyd	630	\$ 145.00	\$ 91,350.00	\$ 151.00	\$ 95,130.00
210. Special Backfill	Cyd	500	\$ 27.00	\$ 13,500.00	\$ 9.85	\$ 4,925.00
211. Stone Refill (MDOT 6A)	Cyd	500	\$ 39.00	\$ 19,500.00	\$ 26.40	\$ 13,200.00
212. Utility Exploration	Ea	35	\$ 200.00	\$ 7,000.00	\$ 250.00	\$ 8,750.00
213. Insulation	Sft	320	\$ 2.00	\$ 640.00	\$ 2.70	\$ 864.00
214. Culvert, HDPE, 24-Inch	Ft	100	\$ 48.00	\$ 4,800.00	\$ 49.30	\$ 4,930.00
215. Culvert, HDPE, 30-Inch	Ft	220	\$ 58.00	\$ 12,760.00	\$ 57.40	\$ 12,628.00

**City of Ironwood - Phase IV Utility Project  
Bid Tabulation for Bids Received May 25, 2017**

Description	Unit	Quantity	A-1 Excavating, Inc.		Bacco Construction Company	
			Unit Price	Extension	Unit Price	Extension
216. Culvert End Section, 24-Inch	Ea	7	\$ 340.00	\$ 2,380.00	\$ 477.00	\$ 3,339.00
217. Culvert End Section, 30-Inch	Ea	5	\$ 540.00	\$ 2,700.00	\$ 702.00	\$ 3,510.00
218. 12-inch HDPE Storm Sewer	Ft	1021	\$ 40.00	\$ 40,840.00	\$ 39.90	\$ 40,737.90
219. 15-inch HDPE Storm Sewer	Ft	861	\$ 43.00	\$ 37,023.00	\$ 39.50	\$ 34,009.50
220. 18-inch HDPE Storm Sewer	Ft	976	\$ 48.00	\$ 46,848.00	\$ 44.30	\$ 43,236.80
221. 24-inch HDPE Storm Sewer	Ft	465	\$ 56.00	\$ 26,040.00	\$ 54.80	\$ 25,482.00
222. 30-inch HDPE Storm Sewer	Ft	764	\$ 65.00	\$ 49,660.00	\$ 65.40	\$ 49,965.60
223. Storm Sewer Catch Basin, 2' Diameter	Ea	16	\$ 1,975.00	\$ 31,600.00	\$ 1,700.00	\$ 27,200.00
224. Storm Sewer Catch Basin, 4' & 5' Diameter	Ea	17	\$ 2,750.00	\$ 46,750.00	\$ 3,000.00	\$ 51,000.00
225. Connect to Existing Storm Sewer	Ea	1	\$ 1,000.00	\$ 1,000.00	\$ 455.00	\$ 455.00
226. Ditch Cleanout	Ft	920	\$ 9.00	\$ 8,280.00	\$ 4.75	\$ 4,370.00
227. Riprap, Heavy	Syd	160	\$ 50.00	\$ 8,000.00	\$ 59.40	\$ 9,504.00
228. Video Taping Sewer & Culvert Pipe	Ft	14448	\$ 1.50	\$ 21,672.00	\$ 2.50	\$ 36,120.00
229. Sewer Bulkhead - Through 18	Ea	105	\$ 130.00	\$ 13,650.00	\$ 66.20	\$ 6,951.00
230. Sewer Bulkhead - Over 18	Ea	25	\$ 200.00	\$ 5,000.00	\$ 106.00	\$ 2,650.00
231. Non-Structural Flowable Fill	Cyd	16	\$ 145.00	\$ 2,320.00	\$ 293.00	\$ 4,688.00
<b>Sanitary Sewer System Upgrades Subtotal:</b>				\$ 1,347,897.50	\$	\$ 1,304,286.60

300. Slope Restoration, Type A	Syd	42986	\$ 4.50	\$ 193,437.00	\$ 4.10	\$ 176,242.60
301. Slope Restoration, Type B	Syd	1446	\$ 3.50	\$ 5,061.00	\$ 4.30	\$ 6,217.80
302. Wetland Restoration	Syd	5210	\$ 3.00	\$ 15,630.00	\$ 2.45	\$ 12,764.50
303. Sidewalk, Concrete, 4-Inch	Sft	7010	\$ 7.00	\$ 49,070.00	\$ 6.40	\$ 44,864.00
304. Sidewalk, Removal	Sft	570	\$ 4.50	\$ 2,565.00	\$ 4.20	\$ 2,394.00
305. Driveway, Non-Reinf. Concrete, 6-Inch	Sft	315	\$ 73.00	\$ 22,995.00	\$ 62.80	\$ 19,782.00
306. Detectable Warning Surface	Ft	20	\$ 110.00	\$ 2,200.00	\$ 41.20	\$ 824.00
307. Curb & Gutter, Conc, Det C-2	Ft	5737	\$ 16.00	\$ 91,792.00	\$ 18.70	\$ 107,281.90
308. Curb Sloped, HMA	Ft	250	\$ 7.00	\$ 1,750.00	\$ 5.00	\$ 1,250.00
309. Underdrain, Subgrade, 4-Inch	Ft	1500	\$ 6.00	\$ 9,000.00	\$ 5.25	\$ 7,875.00
310. Underdrain, Subgrade, Open-Graded, 4-Inch	Ft	2900	\$ 9.00	\$ 26,100.00	\$ 10.00	\$ 29,000.00
311. HMA (4E1, Leveling, 220#/SYD)	Syd	19624	\$ 8.00	\$ 156,992.00	\$ 5.61	\$ 110,090.64
312. HMA (5E1, Surface, 165#/SYD)	Syd	19624	\$ 6.00	\$ 117,744.00	\$ 4.37	\$ 85,756.88
313. HMA (5E1, Driveway, 275#/SYD)	Syd	1296	\$ 17.00	\$ 22,032.00	\$ 12.31	\$ 15,953.76
314. Subgrade Undercutting, Type III	Cyd	2000	\$ 25.00	\$ 50,000.00	\$ 15.70	\$ 31,400.00
315. Earth Excavation	Cyd	10060	\$ 10.00	\$ 100,600.00	\$ 8.35	\$ 84,001.00
316. Aggregate Base, 8-Inch	Syd	21464	\$ 7.00	\$ 150,248.00	\$ 8.10	\$ 173,858.40

City of Ironwood - Phase IV Utility Project  
 Bid Tabulation for Bids Received May 25, 2017

Description	Unit	Quantity	A-1 Excavating, Inc.		Bacco Construction Company	
			Unit Price	Extension	Unit Price	Extension
317. Aggregate Base, 4-Inch	Syd	1278	\$ 5.00	\$ 6,390.00	\$ 3.60	\$ 4,600.80
318. Aggregate Surface, 8-Inch	Syd	6529	\$ 7.00	\$ 45,703.00	\$ 7.30	\$ 47,661.70
319. Shoulder, Class II, 4-Inch	Syd	813	\$ 7.00	\$ 5,691.00	\$ 6.85	\$ 5,569.05
320. Traffic Maintenance	LS	1	\$ 46,000.00	\$ 46,000.00	\$ 74,700.00	\$ 74,700.00
321. Pavt. Mrkg. Waterborne, 4-Inch, White	Ft	110	\$ 1.00	\$ 110.00	\$ 0.55	\$ 60.50
322. Pavt. Mrkg. Waterborne, 6-Inch, White	Ft	2305	\$ 1.00	\$ 2,305.00	\$ 0.85	\$ 1,959.25
323. Pavt. Mrkg. Waterborne, 4-Inch, Yellow	Ft	2275	\$ 0.75	\$ 1,706.25	\$ 0.55	\$ 1,251.25
324. Pavt. Mrkg. Waterborne, 18-Inch, Stop Bar	Ft	24	\$ 8.00	\$ 192.00	\$ 5.00	\$ 120.00
325. Pavt. Mrkg. Waterborne, Only	Ea	2	\$ 105.00	\$ 210.00	\$ 95.00	\$ 190.00
326. Pavt. Mrkg. Waterborne, Lt Turn Arrow Sym	Ea	1	\$ 90.00	\$ 90.00	\$ 80.00	\$ 80.00
327. Pavt. Mrkg. Waterborne, Rt Turn Arrow Sym	Ea	1	\$ 90.00	\$ 90.00	\$ 80.00	\$ 80.00
328. Erosion Control, Check Dam, Stone	Ea	15	\$ 200.00	\$ 3,000.00	\$ 245.00	\$ 3,675.00
329. Erosion Control, Sediment Basin	Ea	5	\$ 400.00	\$ 2,000.00	\$ 158.00	\$ 790.00
330. Erosion Control, Silt Fence	Ft	700	\$ 2.00	\$ 1,400.00	\$ 2.95	\$ 2,065.00
331. Erosion Control, Inlet Protection, Fabric Drop	Ea	55	\$ 70.00	\$ 3,850.00	\$ 49.50	\$ 2,722.50
332. Tree Removal, 12 and Bigger	Ea	12	\$ 500.00	\$ 6,000.00	\$ 779.00	\$ 9,348.00
333. Fence, Moving	Ft	30	\$ 70.00	\$ 2,100.00	\$ 51.00	\$ 1,530.00
334. Underdrain Outlet, 4-Inch	Ea	20	\$ 34.00	\$ 680.00	\$ 10.70	\$ 214.00
335. Post, Mailbox	Ea	6	\$ 200.00	\$ 1,200.00	\$ 99.10	\$ 594.60
336. Watering	Unit	1000	\$ 20.00	\$ 20,000.00	\$ 41.30	\$ 41,300.00
337. Removing Out of Service Pipeline	Ft	1250	\$ 4.00	\$ 5,000.00	\$ 2.65	\$ 3,312.50
338. Curb and Gutter, Rem	Ft	5280	\$ 2.00	\$ 10,560.00	\$ 3.70	\$ 19,536.00
<b>Water &amp; Sanitary Sewer Restoration Subtotal:</b>				\$ 1,181,493.25	\$	1,130,916.63
Water System Upgrades Subtotal:				\$ 1,914,607.00	\$	2,244,215.30
Sanitary Sewer System Upgrades Subtotal:				\$ 1,347,897.50	\$	1,304,286.60
Water & Sanitary Sewer Restoration Subtotal:				\$ 1,181,493.25	\$	1,130,916.63
<b>Total Base Bid:</b>				\$ 4,443,997.75	\$	4,679,418.53

\* - Indicates corrected figure in accordance with Section 00800 - Instructions

City of Ironwood - Phase IV Utility Project  
Restoration Item Breakdown

**Water Restoration**

Description	Units	Unit Price	Quantity	Extension
300. Slope Restoration, Type A	Syd	\$0.50	25325	\$12,662.50
301. Slope Restoration, Type B	Syd	\$1.00	1073	\$1,073.00
302. Wetland Restoration	Syd	\$1.00	5210	\$5,210.00
303. Sidewalk, Concrete, 4-Inch	Sft	\$4.00	5258	\$21,032.00
304. Sidewalk, Removal	Sft	\$5.00	428	\$2,140.00
305. Driveway, Non-Reinf. Concrete, 6-Inch	Sft	\$50.00	237	\$11,850.00
306. Detectable Warning Surface	Ft	\$100.00	10	\$1,000.00
307. Curb & Gutter, Conc, Det C-2	Ft	\$14.00	4303	\$60,242.00
308. Curb Sloped, HMA	Ft	\$8.00	188	\$1,504.00
309. Underdrain, Subgrade, 4-Inch	Ft	\$3.00	1125	\$3,375.00
310. Underdrain, Subgrade, Open-Graded, 4-Inch	Ft	\$4.00	2175	\$8,700.00
311. HMA (4E1, Leveling, 220#/SYD)	Syd	\$7.00	15013	\$105,091.00
312. HMA (5E1, Surface, 165#/SYD)	Syd	\$4.50	15013	\$67,558.50
313. HMA (5E1, Driveway, 275#/SYD)	Syd	\$15.00	972	\$14,580.00
314. Subgrade Undercutting, Type III	Cyd	\$25.00	1000	\$25,000.00
315. Earth Excavation	Cyd	\$5.50	5030	\$27,665.00
316. Aggregate Base, 8-Inch	Syd	\$5.75	16098	\$92,563.50
317. Aggregate Base, 4-Inch	Syd	\$4.00	958	\$3,832.00
318. Aggregate Surface, 8-Inch	Syd	\$5.00	4897	\$24,485.00
319. Shoulder, Class II, 4-Inch	Syd	\$4.00	610	\$2,440.00
320. Traffic Maintenance	LSUM	\$10,000.00	0.5	\$5,000.00
321. Pavt. Mrkg, Waterborne, 4-Inch, White	Ft	\$1.00	55	\$55.00
322. Pavt. Mrkg, Waterborne, 6-Inch, White	Ft	\$1.00	1153	\$1,153.00
323. Pavt. Mrkg, Waterborne, 4-Inch, Yellow	Ft	\$1.00	1137	\$1,137.00
324. Pavt. Mrkg, Waterborne, 18-Inch, Stop Bar	Ft	\$10.00	24	\$240.00
325. Pavt. Mrkg, Waterborne, Only	Ea	\$150.00	2	\$300.00
326. Pavt. Mrkg, Waterborne, Lt Turn Arrow Sym	Ea	\$200.00	1	\$200.00
327. Pavt. Mrkg, Waterborne, Rt Turn Arrow Sym	Ea	\$200.00	1	\$200.00
328. Erosion Control, Check Dam, Stone	Ea	\$75.00	8	\$600.00
329. Erosion Control, Sediment Basin	Ea	\$100.00	2	\$200.00
330. Erosion Control, Silt Fence	Ft	\$1.00	530	\$530.00
331. Erosion Control, Inlet Protection, Fabric Drop	Ea	\$25.00	0	\$0.00
332. Tree Removal, 12 and Bigger	Ea	\$300.00	10	\$3,000.00
333. Fence, Moving	Ft	\$35.00	30	\$1,050.00
334. Underdrain Outlet, 4-Inch	Ea	\$10.00	10	\$100.00
335. Post, Mailbox	Ea	\$400.00	4	\$1,600.00
336. Watering	Unit	\$1.00	750	\$750.00
337. Removing Out of Service Pipeline	Ft	\$3.00	926	\$2,778.00
338. Curb and Gutter, Rem	Ft	\$6.00	3960	\$23,760.00
			<b>\$534,656.50</b>	

**Sanitary Sewer Restoration**

Description	Units	Unit Price	Quantity	Extension
300. Slope Restoration, Type A	Syd	\$0.50	17661	\$8,830.50
301. Slope Restoration, Type B	Syd	\$1.00	373	\$373.00
302. Wetland Restoration	Syd	\$1.00	0	\$0.00

City of Ironwood - Phase IV Utility Project  
Restoration Item Breakdown

303. Sidewalk, Concrete, 4-Inch	Sft	\$4.00	1752	\$7,008.00
304. Sidewalk, Removal	Sft	\$5.00	142	\$710.00
305. Driveway, Non-Reinf. Concrete, 6-Inch	Sft	\$50.00	78	\$3,900.00
306. Detectable Warning Surface	Ft	\$100.00	10	\$1,000.00
307. Curb & Gutter, Conc, Det C-2	Ft	\$14.00	1434	\$20,076.00
308. Curb Sloped, HMA	Ft	\$8.00	62	\$496.00
309. Underdrain, Subgrade, 4-Inch	Ft	\$3.00	375	\$1,125.00
310. Underdrain, Subgrade, Open-Graded, 4-Inch	Ft	\$4.00	725	\$2,900.00
311. HMA (4E1, Leveling, 220#/SYD)	Syd	\$7.00	4611	\$32,277.00
312. HMA (5E1, Surface, 165#/SYD)	Syd	\$4.50	4611	\$20,749.50
313. HMA (5E1, Driveway, 275#/SYD)	Syd	\$15.00	324	\$4,860.00
314. Subgrade Undercutting, Type III	Cyd	\$25.00	1000	\$25,000.00
315. Earth Excavation	Cyd	\$5.50	5030	\$27,665.00
316. Aggregate Base, 8-Inch	Syd	\$5.75	5366	\$30,854.50
317. Aggregate Base, 4-Inch	Syd	\$4.00	320	\$1,280.00
318. Aggregate Surface, 8-Inch	Syd	\$5.00	1632	\$8,160.00
319. Shoulder, Class II, 4-Inch	Syd	\$4.00	203	\$812.00
320. Traffic Maintenance	LSUM	\$10,000.00	0.5	\$5,000.00
321. Pavt. Mrkg, Waterborne, 4-Inch, White	Ft	\$1.00	55	\$55.00
322. Pavt. Mrkg, Waterborne, 6-Inch, White	Ft	\$1.00	1152	\$1,152.00
323. Pavt. Mrkg, Waterborne, 4-Inch, Yellow	Ft	\$1.00	1138	\$1,138.00
324. Pavt. Mrkg, Waterborne, 18-Inch, Stop Bar	Ft	\$10.00	0	\$0.00
325. Pavt. Mrkg, Waterborne, Only	Ea	\$150.00	0	\$0.00
326. Pavt. Mrkg, Waterborne, Lt Turn Arrow Sym	Ea	\$200.00	0	\$0.00
327. Pavt. Mrkg, Waterborne, Rt Turn Arrow Sym	Ea	\$200.00	0	\$0.00
328. Erosion Control, Check Dam, Stone	Ea	\$75.00	7	\$525.00
329. Erosion Control, Sediment Basin	Ea	\$100.00	3	\$300.00
330. Erosion Control, Silt Fence	Ft	\$1.00	170	\$170.00
331. Erosion Control, Inlet Protection, Fabric Drop	Ea	\$25.00	55	\$1,375.00
332. Tree Removal, 12 and Bigger	Ea	\$300.00	2	\$600.00
333. Fence, Moving	Ft	\$35.00	0	\$0.00
334. Underdrain Outlet, 4-Inch	Ea	\$10.00	10	\$100.00
335. Post, Mailbox	Ea	\$400.00	2	\$800.00
336. Watering	Unit	\$1.00	250	\$250.00
337. Removing Out of Service Pipeline	Ft	\$3.00	324	\$972.00
338. Curb and Gutter, Rem	Ft	\$6.00	1320	\$7,920.00
				<b>\$218,433.50</b>

Water System Subtotal:	\$1,936,904.50
Sewer System Subtotal:	\$1,281,398.50
<b>Restoration Total:</b>	<b>\$3,218,303.00</b>

RESOLUTION #017-012

CITY OF IRONWOOD  
Gogebic County, Michigan

Resolution for the Award of the City of Ironwood Phase IV Utility Project

A RESOLUTION OF THE CITY OF IRONWOOD, MICHIGAN TO AWARD THE PHASE IV UTILITY PROJECT TO RUOTSALA CONSTRUCTION, LLC OF IRONWOOD, MICHIGAN.

WHEREAS, the City of Ironwood anticipated receiving Rural Development funding for the construction of their Phase IV Utility Project; and

WHEREAS, the City of Ironwood received bids from five (5) contractors on May 25, 2017; and

WHEREAS, Coleman Engineering Company, Inc. has reviewed said bids and issued a letter dated May 31, 2017 explaining the review of said bids; and

WHEREAS, the Bid of Ruotsala Construction, LLC has been determined to be the lowest bid received in the amount of \$3,218,303.00; and

WHEREAS, the Bid of Ruotsala Construction Company, LLC. is less than the project budget; and

WHEREAS, the City intends to add work to the Contract with Ruotsala Construction Company, LLC via a Change Order #1 for a total of \$160,675.50 to bring the construction contract amount to \$3,378,979.50 ; and

WHEREAS, Change Order #1 will be signed concurrently with the Agreement; and

NOW, THEREFORE, BE IT RESOLVED, THAT THE COMMISSION OF THE CITY OF IRONWOOD, GOGEBIC COUNTY, STATE OF MICHIGAN.

- A. Awards the contract for construction of the “City of Ironwood Phase IV Utility Project” to Ruotsala Construction, LLC of Ironwood, Michigan in the amount of their bid price of \$3,218,303.00 contingent upon Rural Development concurrence with said Award and execution of a Change Order #1 the construction contract amount to \$3,378,979.50.

ADOPTED this 6<sup>th</sup> day of June, 2017.



CITY OF IRONWOOD

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Rick Semo, Commissioner

I, Karen M. Gullan, City Clerk of the City of Ironwood certify that the City of Ironwood Commission adopted the foregoing resolution in public session held on Tuesday, June 6, 2017.

Dated: \_\_\_\_\_

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Karen M. Gullan, City Clerk



**APPLICATION FOR  
FEDERAL ASSISTANCE**

<b>1. TYPE OF SUBMISSION:</b> Application <input checked="" type="checkbox"/> <b>Construction</b> <input type="checkbox"/> <b>Non-Construction</b>		Pre-application <input type="checkbox"/> <b>Construction</b> <input type="checkbox"/> <b>Non-Construction</b>	<b>2. DATE SUBMITTED</b>	Applicant Identifier
		<b>3. DATE RECEIVED BY STATE</b>	State Application Identifier	
		<b>4. DATE RECEIVED BY FEDERAL AGENCY</b>	Federal Identifier	
<b>5. APPLICANT INFORMATION</b>				
Legal Name: City of Ironwood, Michigan			<b>Organizational Unit:</b> Department: Municipal	
Organizational DUNS: 074797663			Division:	
<b>Address:</b> Street: 213 South Marquette St.			<b>Name and telephone number of person to be contacted on matters involving this application (give area code)</b> Prefix: Mr. First Name: Scott	
City: Ironwood			Middle Name: B.	
County: Gogebic			Last Name: Erickson	
State: Michigan		Zip Code: 49938	Suffix:	
Country: USA			Email: ericksons@cityofironwood.org	
<b>6. EMPLOYER IDENTIFICATION NUMBER (EIN):</b> 38-6004566			Phone Number (give area code) (906) 932-5050	Fax Number (give area code) (906) 932-5745
<b>8. TYPE OF APPLICATION:</b> <input type="checkbox"/> New <input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Revision If Revision, enter appropriate letter(s) in box(es) (See back of form for description of letters.) <input type="checkbox"/> <input type="checkbox"/> Other (specify) No net change in award amount, move within Cost Classifications.			<b>7. TYPE OF APPLICANT:</b> (See back of form for Application Types) C - Municipal Other (specify)	
<b>10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER:</b> TITLE (Name of Program): W & WD 10-760			<b>9. NAME OF FEDERAL AGENCY:</b> USDA - Rural Development	
<b>12. AREAS AFFECTED BY PROJECT (Cities, Counties, States, etc.):</b> City of Ironwood, Michigan			<b>11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT:</b> Phase IV Sanitary Sewer System Improvements Project - See Attached Narrative	
<b>13. PROPOSED PROJECT</b> Start Date: May 2017 Ending Date: June 2018			<b>14. CONGRESSIONAL DISTRICTS OF:</b> a. Applicant District 1 b. Project District 1	
<b>15. ESTIMATED FUNDING:</b>			<b>16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?</b>	
a. Federal	\$	1,685,000 <sup>00</sup>	a. Yes. <input checked="" type="checkbox"/> THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON DATE: May 26, 2016	
b. Applicant	\$	<sup>00</sup>	b. No. <input type="checkbox"/> PROGRAM IS NOT COVERED BY E. O. 12372	
c. State	\$	<sup>00</sup>	<input type="checkbox"/> OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW	
d. Local	\$	<sup>00</sup>	<b>17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT?</b>	
e. Other	\$	<sup>00</sup>	<input type="checkbox"/> Yes If "Yes" attach an explanation. <input checked="" type="checkbox"/> No	
f. Program Income	\$	<sup>00</sup>		
g. TOTAL	\$	<sup>00</sup>		
<b>18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT. THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.</b>				
<b>a. Authorized Representative</b>				
Prefix Mr.	First Name Rick		Middle Name	
Last Name Semo			Suffix Ironwood	
b. Title Commissioner			c. Telephone Number (give area code) (906) 932-5050	
d. Signature of Authorized Representative			e. Date Signed June 6, 2017	

## INSTRUCTIONS FOR THE SF-424

Public reporting burden for this collection of information is estimated to average 45 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0043), Washington, DC 20503.

**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

This is a standard form used by applicants as a required face sheet for pre-applications and applications submitted for Federal assistance. It will be used by Federal agencies to obtain applicant certification that States which have established a review and comment procedure in response to Executive Order 12372 and have selected the program to be included in their process, have been given an opportunity to review the applicant's submission.

Item:	Entry:	Item:	Entry:																
1.	Select Type of Submission.	11.	Enter a brief descriptive title of the project. If more than one program is involved, you should append an explanation on a separate sheet. If appropriate (e.g., construction or real property projects), attach a map showing project location. For preapplications, use a separate sheet to provide a summary description of this project.																
2.	Date application submitted to Federal agency (or State if applicable) and applicant's control number (if applicable).	12.	List only the largest political entities affected (e.g., State, counties, cities).																
3.	State use only (if applicable).	13.	Enter the proposed start date and end date of the project.																
4.	Enter Date Received by Federal Agency Federal identifier number: If this application is a continuation or revision to an existing award, enter the present Federal Identifier number. If for a new project, leave blank.	14.	List the applicant's Congressional District and any District(s) affected by the program or project																
5.	Enter legal name of applicant, name of primary organizational unit (including division, if applicable), which will undertake the assistance activity, enter the organization's DUNS number (received from Dun and Bradstreet), enter the complete address of the applicant (including country), and name, telephone number, e-mail and fax of the person to contact on matters related to this application.	15.	Amount requested or to be contributed during the first funding/budget period by each contributor. Value of in kind contributions should be included on appropriate lines as applicable. If the action will result in a dollar change to an existing award, indicate only the amount of the change. For decreases, enclose the amounts in parentheses. If both basic and supplemental amounts are included, show breakdown on an attached sheet. For multiple program funding, use totals and show breakdown using same categories as item 15.																
6.	Enter Employer Identification Number (EIN) as assigned by the Internal Revenue Service.	16.	Applicants should contact the State Single Point of Contact (SPOC) for Federal Executive Order 12372 to determine whether the application is subject to the State intergovernmental review process.																
7.	Select the appropriate letter in the space provided. <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">A. State</td> <td style="width: 50%;">I. State Controlled Institution of Higher Learning</td> </tr> <tr> <td>B. County</td> <td>J. Private University</td> </tr> <tr> <td>C. Municipal</td> <td>K. Indian Tribe</td> </tr> <tr> <td>D. Township</td> <td>L. Individual</td> </tr> <tr> <td>E. Interstate</td> <td>M. Profit Organization</td> </tr> <tr> <td>F. Intermunicipal</td> <td>N. Other (Specify)</td> </tr> <tr> <td>G. Special District</td> <td>O. Not for Profit Organization</td> </tr> <tr> <td>H. Independent School District</td> <td></td> </tr> </table>	A. State	I. State Controlled Institution of Higher Learning	B. County	J. Private University	C. Municipal	K. Indian Tribe	D. Township	L. Individual	E. Interstate	M. Profit Organization	F. Intermunicipal	N. Other (Specify)	G. Special District	O. Not for Profit Organization	H. Independent School District		17.	This question applies to the applicant organization, not the person who signs as the authorized representative. Categories of debt include delinquent audit disallowances, loans and taxes.
A. State	I. State Controlled Institution of Higher Learning																		
B. County	J. Private University																		
C. Municipal	K. Indian Tribe																		
D. Township	L. Individual																		
E. Interstate	M. Profit Organization																		
F. Intermunicipal	N. Other (Specify)																		
G. Special District	O. Not for Profit Organization																		
H. Independent School District																			
8.	Select the type from the following list: <ul style="list-style-type: none"> <li>• "New" means a new assistance award.</li> <li>• "Continuation" means an extension for an additional funding/budget period for a project with a projected completion date.</li> <li>• "Revision" means any change in the Federal Government's financial obligation or contingent liability from an existing obligation. If a revision enter the appropriate letter: <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">A. Increase Award</td> <td style="width: 50%;">B. Decrease Award</td> </tr> <tr> <td>C. Increase Duration</td> <td>D. Decrease Duration</td> </tr> </table> </li> </ul>	A. Increase Award	B. Decrease Award	C. Increase Duration	D. Decrease Duration	18.	To be signed by the authorized representative of the applicant. A copy of the governing body's authorization for you to sign this application as official representative must be on file in the applicant's office. (Certain Federal agencies may require that this authorization be submitted as part of the application.)												
A. Increase Award	B. Decrease Award																		
C. Increase Duration	D. Decrease Duration																		
9.	Name of Federal agency from which assistance is being requested with this application.																		
10.	Use the Catalog of Federal Domestic Assistance number and title of the program under which assistance is requested.																		

**BUDGET INFORMATION - Construction Programs**

NOTE: Certain Federal assistance programs require additional computations to arrive at the Federal share of project costs eligible for participation. If such is the case, you will be notified.

COST CLASSIFICATION	a. Total Cost	b. <del>Costs Not Allowable</del> +/- Changes for Participation	c. Total Allowable Costs (Columns a-b)
1. Administrative and legal expenses	\$ 34,000 .00	\$ 0.00	\$ 34,000 .00
2. Land, structures, rights-of-way, appraisals, etc.	\$ 0.00	\$ 0.00	\$ 0.00
3. Relocation expenses and payments	\$ 0.00	\$ 0.00	\$ 0.00
4. Architectural and engineering fees	\$ 146,828 .00	\$ 7,300.00	\$ 154,128 .00
5. Other architectural and engineering fees	\$ 16,054 .00	\$ 800.00	\$ 16,854 .00
6. Project inspection fees	\$ 90,698 .00	\$ 4,500.00	\$ 95,198 .00
7. Site work	\$ 0.00	\$ 0.00	\$ 0.00
8. Demolition and removal	\$ 0.00	\$ 0.00	\$ 0.00
9. Construction	\$ 1,270,400 .00	\$ 73,439.00	\$ 1,343,839 .00
10. Equipment	\$ 0.00	\$ 0.00	\$ 0.00
11. Miscellaneous	\$ 0.00	\$ 0.00	\$ 0.00
12. SUBTOTAL (sum of lines 1-11)	\$ 1,557,980 .00	\$ 86,039.00	\$ 1,644,019 .00
13. Contingencies	\$ 127,020 .00	\$ -86,039.00	\$ 40,981 .00
14. SUBTOTAL	\$ 1,685,000 .00	\$ -0.00	\$ 1,685,000 .00
15. Project (program) income	\$ .00	\$ .00	\$ 0.00
16. TOTAL PROJECT COSTS (subtract #15 from #14)	\$ 1,685,000 .00	\$ -0.00	\$ 1,685,000 .00
FEDERAL FUNDING			

17. Federal assistance requested, calculate as follows:  
 (Consult Federal agency for Federal percentage share.)  
 Enter the resulting Federal share.

Enter eligible costs from line 16c Multiply X 100.00 %

\$ 1,685,000 .00

## INSTRUCTIONS FOR THE SF-424C

Public reporting burden for this collection of information is estimated to average 180 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0041), Washington, DC 20503.

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*Column a.* - If this is an application for a "New" project, enter the total estimated cost of each of the items listed on lines 1 through 16 (as applicable) under "COST CLASSIFICATION."

If this application entails a change to an existing award, enter the eligible amounts *approved under the previous award* for the items under "COST CLASSIFICATION."

*Column b.* - If this is an application for a "New" project, enter that portion of the cost of each item in Column a. which is *not* allowable for Federal assistance. Contact the Federal agency for assistance in determining the allowability of specific costs.

If this application entails a change to an existing award, enter the adjustment [+ or (-)] to the previously approved costs (from column a.) reflected in this application.

*Column.* - This is the net of lines 1 through 16 in columns "a." and "b."

---

Line 1 - Enter estimated amounts needed to cover administrative expenses. Do not include costs which are related to the normal functions of government. Allowable legal costs are generally only those associated with the purchases of land which is allowable for Federal participation and certain services in support of construction of the project.

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Line 12 - Total of items 1 through 11.

Line 13 - Enter estimated contingency costs. (Consult the Federal agency for the percentage of the estimated construction cost to use.)

Line 14 - Enter the total of lines 12 and 13.

Line 15 - Enter estimated program income to be earned during the grant period, e.g., salvaged materials, etc.

Line 16 - Subtract line 15 from line 14.

Line 17 - This block is for the computation of the Federal share. Multiply the total allowable project costs from line 16, column "c." by the Federal percentage share (this may be up to 100 percent; consult Federal agency for Federal percentage share) and enter the product on line 17.

**ASSURANCES - CONSTRUCTION PROGRAMS**

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**NOTE:** Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the Awarding Agency. Further, certain Federal assistance awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will not dispose of, modify the use of, or change the terms of the real property title, or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal interest in the title of real property in accordance with awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure non-discrimination during the useful life of the project.
4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progress reports and such other information as may be required by the assistance awarding agency or State.
6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
7. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
8. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
10. Will comply with all Federal statutes relating to non-discrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681 1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.



11. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal and federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
12. Will comply with the provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
13. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333) regarding labor standards for federally-assisted construction subagreements.
14. Will comply with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
15. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
16. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
17. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
18. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
19. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL	TITLE  Commissioner	
APPLICANT ORGANIZATION City of Ironwood, Michigan		DATE SUBMITTED June 6, 2017

**APPLICATION FOR  
FEDERAL ASSISTANCE**

Version 7/03

<b>1. TYPE OF SUBMISSION:</b> Application		<b>2. DATE SUBMITTED</b>	Applicant Identifier
<input checked="" type="checkbox"/> <b>Construction</b>	Pre-application	<b>3. DATE RECEIVED BY STATE</b>	State Application Identifier
<input type="checkbox"/> <b>Non-Construction</b>	<input type="checkbox"/> <b>Construction</b>	<b>4. DATE RECEIVED BY FEDERAL AGENCY</b>	Federal Identifier
<input type="checkbox"/> <b>Non-Construction</b>			
<b>5. APPLICANT INFORMATION</b>			
Legal Name: City of Ironwood, Michigan		<b>Organizational Unit:</b> Department: Municipal	
Organizational DUNS: 074797663		Division:	
<b>Address:</b> Street: 213 South Marquette St.		<b>Name and telephone number of person to be contacted on matters involving this application (give area code)</b>	
City: Ironwood		Prefix: Mr.	First Name: Scott
County: Gogebic		Middle Name B.	
State: Michigan		Last Name Erickson	
Zip Code 49938	Suffix:		
Country: USA		Email: ericksons@cityofironwood.org	
<b>6. EMPLOYER IDENTIFICATION NUMBER (EIN):</b> 38-6004566		Phone Number (give area code) (906) 932-5050	Fax Number (give area code) (906) 932-5745
<b>8. TYPE OF APPLICATION:</b> <input type="checkbox"/> New <input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Revision If Revision, enter appropriate letter(s) in box(es) (See back of form for description of letters.) Other (specify)    B <input type="checkbox"/>		<b>7. TYPE OF APPLICANT: (See back of form for Application Types)</b> C - Municipal Other (specify)	
<b>10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER:</b> TITLE (Name of Program): W & WD 10-760		<b>9. NAME OF FEDERAL AGENCY:</b> USDA - Rural Development	
<b>12. AREAS AFFECTED BY PROJECT (Cities, Counties, States, etc.):</b> City of Ironwood, Michigan		<b>11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT:</b> Phase IV Water System Improvements Project- See Attached Narrative	
<b>13. PROPOSED PROJECT</b> Start Date: May 2017    Ending Date: June 2018		<b>14. CONGRESSIONAL DISTRICTS OF:</b> a. Applicant District 1    b. Project District 1	
<b>15. ESTIMATED FUNDING:</b>		<b>16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?</b>	
a. Federal	\$ 2,701,336. <sup>00</sup>	a. Yes. <input checked="" type="checkbox"/> THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON DATE: May 26, 2016	
b. Applicant	\$ . <sup>00</sup>	b. No. <input type="checkbox"/> PROGRAM IS NOT COVERED BY E. O. 12372	
c. State	\$ . <sup>00</sup>	<input type="checkbox"/> OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW	
d. Local	\$ . <sup>00</sup>	<b>17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT?</b>	
e. Other	\$ . <sup>00</sup>	<input type="checkbox"/> Yes If "Yes" attach an explanation. <input checked="" type="checkbox"/> No	
f. Program Income	\$ . <sup>00</sup>		
g. TOTAL	\$ . <sup>00</sup>		
<b>18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT. THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.</b>			
<b>a. Authorized Representative</b>			
Prefix Mr.	First Name Rick	Middle Name	
Last Name Semo		Suffix Ironwood	
b. Title Commissioner		c. Telephone Number (give area code) (906) 932-5050	
d. Signature of Authorized Representative		e. Date Signed June 6, 2017	

## INSTRUCTIONS FOR THE SF-424

Public reporting burden for this collection of information is estimated to average 45 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0043), Washington, DC 20503.

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This is a standard form used by applicants as a required face sheet for pre-applications and applications submitted for Federal assistance. It will be used by Federal agencies to obtain applicant certification that States which have established a review and comment procedure in response to Executive Order 12372 and have selected the program to be included in their process, have been given an opportunity to review the applicant's submission.

Item:	Entry:	Item:	Entry:																
1.	Select Type of Submission.	11.	Enter a brief descriptive title of the project. If more than one program is involved, you should append an explanation on a separate sheet. If appropriate (e.g., construction or real property projects), attach a map showing project location. For preapplications, use a separate sheet to provide a summary description of this project.																
2.	Date application submitted to Federal agency (or State if applicable) and applicant's control number (if applicable).	12.	List only the largest political entities affected (e.g., State, counties, cities).																
3.	State use only (if applicable).	13.	Enter the proposed start date and end date of the project.																
4.	Enter Date Received by Federal Agency Federal identifier number: If this application is a continuation or revision to an existing award, enter the present Federal Identifier number. If for a new project, leave blank.	14.	List the applicant's Congressional District and any District(s) affected by the program or project																
5.	Enter legal name of applicant, name of primary organizational unit (including division, if applicable), which will undertake the assistance activity, enter the organization's DUNS number (received from Dun and Bradstreet), enter the complete address of the applicant (including country), and name, telephone number, e-mail and fax of the person to contact on matters related to this application.	15.	Amount requested or to be contributed during the first funding/budget period by each contributor. Value of in kind contributions should be included on appropriate lines as applicable. If the action will result in a dollar change to an existing award, indicate only the amount of the change. For decreases, enclose the amounts in parentheses. If both basic and supplemental amounts are included, show breakdown on an attached sheet. For multiple program funding, use totals and show breakdown using same categories as item 15.																
6.	Enter Employer Identification Number (EIN) as assigned by the Internal Revenue Service.	16.	Applicants should contact the State Single Point of Contact (SPOC) for Federal Executive Order 12372 to determine whether the application is subject to the State intergovernmental review process.																
7.	Select the appropriate letter in the space provided. <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">A. State</td> <td style="width: 50%;">I. State Controlled Institution of Higher Learning</td> </tr> <tr> <td>B. County</td> <td>J. Private University</td> </tr> <tr> <td>C. Municipal</td> <td>K. Indian Tribe</td> </tr> <tr> <td>D. Township</td> <td>L. Individual</td> </tr> <tr> <td>E. Interstate</td> <td>M. Profit Organization</td> </tr> <tr> <td>F. Intermunicipal</td> <td>N. Other (Specify)</td> </tr> <tr> <td>G. Special District</td> <td>O. Not for Profit Organization</td> </tr> <tr> <td>H. Independent School District</td> <td></td> </tr> </table>	A. State	I. State Controlled Institution of Higher Learning	B. County	J. Private University	C. Municipal	K. Indian Tribe	D. Township	L. Individual	E. Interstate	M. Profit Organization	F. Intermunicipal	N. Other (Specify)	G. Special District	O. Not for Profit Organization	H. Independent School District		17.	This question applies to the applicant organization, not the person who signs as the authorized representative. Categories of debt include delinquent audit disallowances, loans and taxes.
A. State	I. State Controlled Institution of Higher Learning																		
B. County	J. Private University																		
C. Municipal	K. Indian Tribe																		
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G. Special District	O. Not for Profit Organization																		
H. Independent School District																			
8.	Select the type from the following list: <ul style="list-style-type: none"> <li>• "New" means a new assistance award.</li> <li>• "Continuation" means an extension for an additional funding/budget period for a project with a projected completion date.</li> <li>• "Revision" means any change in the Federal Government's financial obligation or contingent liability from an existing obligation. If a revision enter the appropriate letter: <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">A. Increase Award</td> <td style="width: 50%;">B. Decrease Award</td> </tr> <tr> <td>C. Increase Duration</td> <td>D. Decrease Duration</td> </tr> </table> </li> </ul>	A. Increase Award	B. Decrease Award	C. Increase Duration	D. Decrease Duration	18.	To be signed by the authorized representative of the applicant. A copy of the governing body's authorization for you to sign this application as official representative must be on file in the applicant's office. (Certain Federal agencies may require that this authorization be submitted as part of the application.)												
A. Increase Award	B. Decrease Award																		
C. Increase Duration	D. Decrease Duration																		
9.	Name of Federal agency from which assistance is being requested with this application.																		
10.	Use the Catalog of Federal Domestic Assistance number and title of the program under which assistance is requested.																		

**BUDGET INFORMATION - Construction Programs**

NOTE: Certain Federal assistance programs require additional computations to arrive at the Federal share of project costs eligible for participation. If such is the case, you will be notified.

COST CLASSIFICATION	a. Total Cost	b. <del>Costs Not Allowable</del> <sup>+/- Changes</sup> for Participation	c. Total Allowable Costs (Columns a-b)
1. Administrative and legal expenses	\$ 36,000 .00	0.00	\$ 36,000 .00
2. Land, structures, rights-of-way, appraisals, etc.	\$ 0.00	0.00	\$ 0.00
3. Relocation expenses and payments	\$ 0.00	0.00	\$ 0.00
4. Architectural and engineering fees	\$ 262,001 .00	11,300.00	\$ 273,301 .00
5. Other architectural and engineering fees	\$ 28,646 .00	1,200.00	\$ 29,846 .00
6. Project inspection fees	\$ 161,842 .00	7,100.00	\$ 168,942 .00
7. Site work	\$ 0.00	0.00	\$ 0.00
8. Demolition and removal	\$ 0.00	0.00	\$ 0.00
9. Construction	\$ 2,266,900 .00	-231,760.00	\$ 2,035,140 .00
10. Equipment	\$ 0.00	0.00	\$ 0.00
11. Miscellaneous	\$ 0.00	0.00	\$ 0.00
12. SUBTOTAL (sum of lines 1-11)	\$ 2,755,389 .00	-212,160.00	\$ 2,543,229 .00
13. Contingencies	\$ 226,611 .00	-68,504.00	\$ 158,107 .00
14. SUBTOTAL	\$ 2,982,000 .00	-280,664.00	\$ 2,701,336 .00
15. Project (program) income	\$ .00	.00	\$ 0.00
16. TOTAL PROJECT COSTS (subtract #15 from #14)	\$ 2,982,000 .00	-280,664.00	\$ 2,701,336 .00
FEDERAL FUNDING			

17. Federal assistance requested, calculate as follows:  
 (Consult Federal agency for Federal percentage share.)  
 Enter the resulting Federal share.

Enter eligible costs from line 16c Multiply X 100.00 %

\$ 2,701,336 .00

## INSTRUCTIONS FOR THE SF-424C

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*Column a.* - If this is an application for a "New" project, enter the total estimated cost of each of the items listed on lines 1 through 16 (as applicable) under "COST CLASSIFICATION."

If this application entails a change to an existing award, enter the eligible amounts *approved under the previous award* for the items under "COST CLASSIFICATION."

*Column b.* - If this is an application for a "New" project, enter that portion of the cost of each item in Column a. which is *not* allowable for Federal assistance. Contact the Federal agency for assistance in determining the allowability of specific costs.

If this application entails a change to an existing award, enter the adjustment [+ or (-)] to the previously approved costs (from column a.) reflected in this application.

*Column.* - This is the net of lines 1 through 16 in columns "a." and "b."

---

Line 1 - Enter estimated amounts needed to cover administrative expenses. Do not include costs which are related to the normal functions of government. Allowable legal costs are generally only those associated with the purchases of land which is allowable for Federal participation and certain services in support of construction of the project.

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Line 4 - Enter estimated basic engineering fees related to construction (this includes start-up services and preparation of project performance work plan).

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Line 9 - Enter estimated cost of the construction contract.

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Line 11 - Enter estimated miscellaneous costs.

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Line 13 - Enter estimated contingency costs. (Consult the Federal agency for the percentage of the estimated construction cost to use.)

Line 14 - Enter the total of lines 12 and 13.

Line 15 - Enter estimated program income to be earned during the grant period, e.g., salvaged materials, etc.

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Line 17 - This block is for the computation of the Federal share. Multiply the total allowable project costs from line 16, column "c." by the Federal percentage share (this may be up to 100 percent; consult Federal agency for Federal percentage share) and enter the product on line 17.



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As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will not dispose of, modify the use of, or change the terms of the real property title, or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal interest in the title of real property in accordance with awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure non-discrimination during the useful life of the project.
4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progress reports and such other information as may be required by the assistance awarding agency or State.
6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
7. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
8. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
10. Will comply with all Federal statutes relating to non-discrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681 1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.

11. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal and federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
12. Will comply with the provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
13. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333) regarding labor standards for federally-assisted construction subagreements.
14. Will comply with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
15. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
16. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
17. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
18. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
19. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL	TITLE  Commissioner
APPLICANT ORGANIZATION City of Ironwood, Michigan	DATE SUBMITTED June 6, 2017



This is **EXHIBIT K**, consisting of 2 pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated August 18, 2016.

**AMENDMENT TO OWNER-ENGINEER AGREEMENT**  
**Amendment No. 1**

The Effective Date of this Amendment is: June 6, 2017.

Background Data

Effective Date of Owner-Engineer Agreement: August 18, 2016

Owner: City of Ironwood, Michigan

Engineer: Coleman Engineering Company, Inc.

Project: City of Ironwood Phase IV Utility Project (Sewer Portion)

Nature of Amendment:

- Additional Services to be performed by Engineer
- Modifications to services of Engineer
- Modifications to responsibilities of Owner
- Modifications of payment to Engineer
- Modifications to time(s) for rendering services
- Modifications to other terms and conditions of the Agreement

Description of Modifications:

The Scope of Services currently authorized to be performed by Engineer in accordance with the Agreement is modified as follows:

Add Francis Street water and sanitary sewer utility improvements from Lawrence Street to Lowell Street for a total sewer engineering cost of \$12,600. This includes Basic Services for \$7,300, Resident Project Representative for \$4,500 and Other Services for \$800. This work shall not be initiated until authorized in writing/email by the City Manager.

Agreement Summary:

Original agreement amount:	\$ <u>253,580</u>
Net change for prior amendments:	\$ <u>0</u>
This amendment amount:	\$ <u>12,600</u>
Adjusted Agreement amount:	\$ <u>266,180</u>

~~Change in time for services (days or date, as applicable):~~ \_\_\_\_\_

The foregoing Agreement Summary is for reference only and does not alter the terms of the Agreement, including those set forth in Exhibit C.

Owner and Engineer hereby agree to modify the above-referenced Agreement as set forth in this Amendment. All provisions of the Agreement not modified by this or previous Amendments remain in effect.

OWNER:

ENGINEER:

\_\_\_\_\_  
By: \_\_\_\_\_  
Print name: Rick Semo  
Title: Commissioner  
Date Signed: June 6, 2017

\_\_\_\_\_  
By: \_\_\_\_\_  
Print name: Michael Foley  
Title: Project Engineer  
Date Signed: June 6, 2017

This is **EXHIBIT K**, consisting of 2 pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated August 18, 2016.

**AMENDMENT TO OWNER-ENGINEER AGREEMENT**  
**Amendment No. 1**

The Effective Date of this Amendment is: June 6, 2017.

Background Data

Effective Date of Owner-Engineer Agreement: August 18, 2016

Owner: City of Ironwood, Michigan

Engineer: Coleman Engineering Company, Inc.

Project: City of Ironwood Phase IV Utility Project (Water Portion)

Nature of Amendment:

- Additional Services to be performed by Engineer
- Modifications to services of Engineer
- Modifications to responsibilities of Owner
- Modifications of payment to Engineer
- Modifications to time(s) for rendering services
- Modifications to other terms and conditions of the Agreement

Description of Modifications:

The Scope of Services currently authorized to be performed by Engineer in accordance with the Agreement is modified as follows:

Add Francis Street water and sanitary sewer utility improvements from Lawrence Street to Lowell Street for a total water engineering cost of \$19,600. This includes Basic Services for \$11,300, Resident Project Representative for \$7,100 and Other Services for \$1,200. This work shall not be initiated until authorized in writing/email by the City Manager.

Agreement Summary:

Original agreement amount:	\$ 452,489
Net change for prior amendments:	\$ 0
This amendment amount:	\$ 19,600
Adjusted Agreement amount:	\$ 472,089

Change in time for services (days or date, as applicable): \_\_\_\_\_

The foregoing Agreement Summary is for reference only and does not alter the terms of the Agreement, including those set forth in Exhibit C.

Owner and Engineer hereby agree to modify the above-referenced Agreement as set forth in this Amendment. All provisions of the Agreement not modified by this or previous Amendments remain in effect.

OWNER:

ENGINEER:

\_\_\_\_\_  
By: \_\_\_\_\_  
Print name: Rick Semo  
Title: Commissioner  
Date Signed: June 6, 2017

\_\_\_\_\_  
By: \_\_\_\_\_  
Print name: Michael Foley  
Title: Project Engineer  
Date Signed: June 6, 2017