COUNCIL DECISION REQUEST

SUBJECT: C. C. Cragin Line H Construction Contract Award

MEETING DATE: 6-20-13

SUBMITTED BY: LaRon Garrett, Asst. Town Mgr.

SUBMITTAL TO AGENDA
APPROVED BY TOWN MANAGER

AMOUNT BUDGETED: $4,250,000.00

EXPENDITURE REQUIRED: $1,765,446.65

EXHIBITS (If Applicable, To Be Attached): Bid Tabulation, Letter of Recommendation from Tetra Tech

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POSSIBLE MOTION

I move to award the construction contract for the C. C. Cragin Line H to Pearson Construction for a total bid price of $1,765,446.65 with the final project cost being based on actual field measured quantities and authorize the Mayor to sign all necessary contract documents.

SUMMARY OF THE BASIS FOR POSSIBLE MOTION:

We are continuing to move forward with the C. C. Cragin Water Line construction. Then next step is to construct the 18" water line from the water treatment plant site near Mesa del Caballo to the intersection of Tyler Parkway and Highway 87. This project also includes the portion of the surface water line from the water treatment plant site to Tyler Parkway.

A Call for Bids was published beginning April 30, 2013 and bids were received on June 5, 2013
We received six bids on this phase of the work. A summary of the bids is as follows:

Contractor	Total Bid
Pierson Construction	$1,765,446.65
Pilot West Corporation	$1,780.088.00
McCauley Construction	$1,796,830.22
Jonovich Companies	$1,850,830.11
Markham Contracting	$2,765,329.50
T&T Construction	$2,959,599.25

Tetra Tech, Inc., our consultant, estimated the cost to be $1,837,284. Tetra Tech has reviewed the bids and recommended to staff that the award be made to Pierson Construction. A copy of the complete bid tabulation is attached.

Staff recommends that this project be awarded to Pierson Construction for a total bid price of $1,765,446.65 with the final project cost being based on actual field measured quantities.

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COUNCIL DECISION REQUEST

PROS: This will allow the C. C. Cragin project to proceed on schedule

CONS: None

FUNDING:

Acct: 662-5-5451-00-8600C27	Budget:	Available:	Expense:	Remaining:
Acct:	Budget:	Available:	Expense:	Remaining:
Acct:	Budget:	Available:	Expense:	Remaining:

FM: Hope Cribb Date: 6-11-13

FY 13-14 Budget 3,500,000 Avail 3,500,000 Exp. 1,765,446.65 Remain 1,734,553.35

CC CRAGIN TREATED WATER LINE PROJECT - LINE "H"
BID TABULATION
Project No. 133-16910-13004
June 5, 2013

Item No.	Description	ENGINEER'S ESTIMATE OF COST				Pierson Construction		Pilot West Corporation		McCauley Construction		Jonovich Companies		Markahm Contracting		T&T Construction	
		Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
A) General Items																	
1	MOBILIZATION	1	L S	$ 60,000.00	$ 60,000.00	$ 145,600.00	$ 145,600.00	$ 120,000.00	$ 120,000.00	$82,765.00	$ 82,765.00	$ 116,850.00	$ 116,850.00	$ 105,000.00	$ 105,000.00	$86,365.00	$ 86,365.00
2	TRAFFIC CONTROL	1	L S	50,000.00	50,000.00	9,300.00	9,300.00	80,000.00	80,000.00	51,588.00	51,588.00	20,910.00	20,910.00	134,000.00	134,000.00	45,900.00	45,900.00
3	COMPACTION TESTING	1	L S	14,000.00	14,000.00	16,000.00	16,000.00	18,000.00	18,000.00	8,200.00	8,200.00	34,440.00	34,440.00	24,000.00	24,000.00	12,600.00	12,600.00
4	STORMWATER POLLUTION PREVENTION	1	L S	18,000.00	18,000.00	25,000.00	25,000.00	75,000.00	75,000.00	12,798.00	12,798.00	12,300.00	12,300.00	13,000.00	13,000.00	18,850.00	18,850.00
5	DEMOBILIZATION	1	L S	30,000.00	30,000.00	6,900.00	6,900.00	5,000.00	5,000.00	25,925.00	25,925.00	24,600.00	24,600.00	30,000.00	30,000.00	26,300.00	26,300.00
Forest Service Special Provisions																	
6	CLEARING AND GRUBBING	25,000	S Y	$ 0.60	$ 20,000.00	$ 0.65	$ 16,250.00	$ 1.00	$ 25,000.00	$ 0.56	$ 14,000.00	$ 2.09	$ 52,250.00	$ 2.50	$ 62,500.00	$ 1.26	$ 31,500.00
7	INITIAL NOXIOUS WEED CONTROL	4,000	S Y	1.00	4,000.00	0.60	2,400.00	2.00	8,000.00	0.50	2,000.00	0.18	720.00	0.40	1,600.00	1.15	4,600.00
8	FINAL NOXIOUS WEED CONTROL	2,000	S Y	1.00	2,000.00	0.60	1,200.00	2.00	4,000.00	0.55	1,100.00	0.18	360.00	1.00	2,000.00	2.30	4,600.00
9	FIRE FIGHTING PROVISIONS	1	L S	8,000.00	8,000.00	1,500.00	1,500.00	25,000.00	25,000.00	3,240.00	3,240.00	3,690.00	3,690.00	75,000.00	75,000.00	26,560.00	26,560.00
10	HYDROMULCH SEEDING	25,000	S Y	2.50	62,500.00	0.60	15,000.00	0.50	12,500.00	1.36	34,000.00	4.18	104,500.00	0.65	16,250.00	0.52	13,000.00
11	INITIAL EQUIPMENT CLEANING	1	L S	2,500.00	2,500.00	1,500.00	1,500.00	8,000.00	8,000.00	3,604.00	3,604.00	2,460.00	2,460.00	4,500.00	4,500.00	4,425.00	4,425.00
	FINAL EQUIPMENT CLEANING	1	L S	5,000.00	5,000.00	800.00	800.00	8,000.00	8,000.00	3,604.00	3,604.00	2,460.00	2,460.00	4,500.00	4,500.00	4,425.00	4,425.00
	Total A) General Items . . .				$ 276,000.00		$ 241,450.00		$ 388,500.00		$ 242,824.00		$ 375,540.00		$ 472,350.00		$ 279,125.00
B) Paving																	
101	SAWCUT, REMOVE, AND REPLACE EXIST. A.C. PAVEMENT PER DTL ON DWG C-513	410	S Y	$ 37.00	$ 15,170.00	$ 60.00	$ 24,600.00	$ 39.00	$ 15,990.00	$ 45.30	$ 18,573.00	$ 55.35	$ 22,693.50	$ 90.00	$ 36,900.00	$ 71.00	$ 29,110.00
	Total B) Paving Items. . .				$ 15,170.00		$ 24,600.00		$ 15,990.00		$ 18,573.00		$ 22,693.50		$ 36,900.00		$ 29,110.00
C) Drainage																	
203	18" CMP, 16 GA	60	L F	$ 45.00	$ 2,700.00	$ 27.00	$ 1,620.00	$ 29.00	$ 1,740.00	$ 26.29	$ 1,577.40	$ 87.64	$ 5,258.40	$ 76.00	$ 4,560.00	$ 76.00	$ 4,560.00
231	18" METAL END SECTION	2	EA	750.00	1,500.00	300.00	600.00	500.00	1,000.00	327.00	654.00	183.27	366.54	520.00	1,040.00	890.00	1,780.00
241	TYPE "L" RIP-RAP, D50=9" SEE DETAIL ON C-513	8	S Y.	85.00	680.00	100.00	800.00	40.00	320.00	111.25	890.00	86.10	688.80	140.00	1,120.00	150.00	1,200.00
	Total C) Drainage Items . . .				$ 4,880.00		$ 3,020.00		$ 3,060.00		$ 3,121.40		$ 6,313.74		$ 6,720.00		$ 7,540.00
D) Water																	
	ESTIMATED ROCK EXCAVATION STA 10+06 TO 38+80	100	C Y	$ 300.00	$ 30,000.00	$ 175.00	$ 17,500.00	$ 75.00	$ 7,500.00	$ 150.00	$ 15,000.00	$ 430.50	$ 43,050.00	$ 79.00	$ 7,000.00	$ 442.00	$ 44,200.00
315	INSTALL 18" DIP WATER MAIN W/CATHODIC PROTECTION AS PROVIDED AND PROCURE AND INSTALL ALL INCIDENTAL ITEMS AS NECESSARY FOR THE COMPLETION OF THE PROJECT IN ACCORDANCE WITH THE PLANS AND THE CONTRACT DOCUMENTS	10,980	L F	95.00	1,043,100.00	88.50	971,730.00	72.00	790,560.00	67.57	741,918.60	79.95	877,851.00	131.00	1,438,380.00	167.50	1,839,150.00
321	CATHODIC PROTECTION ALONG PIPELINE INCLUDING WELDS, CONTINUITY TESTING, AND COATING REPAIRS	1	L S	27,000.00	27,000.00	29,000.00	29,000.00	21,000.00	21,000.00	56,710.40	56,710.40	30,750.00	30,750.00	28,000.00	28,000.00	26,900.00	26,900.00
322	CONSTRUCTION OF CATHODIC TEST STATION, INSTALLATION OF ANODES AND BACKFILL	1	L S	15,000.00	15,000.00	1,750.00	1,750.00	4,000.00	4,000.00	3,170.55	3,170.55	387.45	387.45	25,000.00	25,000.00	1,550.00	1,550.00
323	INSTALLATION OF ADDITIONAL 17 LB ANODES AT TEST STATION	3	EA	140.00	420.00	145.00	435.00	350.00	1,050.00	1,000.00	3,000.00	147.60	442.80	1,500.00	4,500.00	260.00	780.00
332	8" HDPE SURFACE WATER MAIN	9,618	L F	8.50	81,753.00	17.00	163,506.00	20.00	192,360.00	33.72	324,318.96	23.51	226,119.18	34.00	327,012.00	38.00	365,484.00
333	8" HDPE 90° BEND	4	EA	150.00	600.00	130.00	520.00	200.00	800.00	596.25	2,385.00	247.23	988.92	215.00	860.00	120.00	480.00
334	8" HDPE 45° BEND	5	EA	150.00	750.00	78.00	390.00	200.00	1,000.00	444.40	2,222.00	189.42	947.10	130.00	650.00	143.00	715.00
338	8" GATE VALVE, BOX AND COVER	12	EA	1,900.00	22,800.00	1,400.00	16,800.00	1,000.00	12,000.00	1,412.00	16,944.00	1,356.69	16,280.28	1,650.00	19,800.00	1,545.00	18,540.00
341	18" BUTTERFLY VALVE, BOX AND COVER	14	EA	5,400.00	75,600.00	4,000.00	56,000.00	4,000.00	56,000.00	5,008.00	70,112.00	4,204.14	58,857.96	6,300.00	88,200.00	4,250.00	59,500.00
344	18" x 18" DIP TEE	1	EA	1,600.00	1,600.00	1,800.00	1,800.00	2,112.00	2,112.00	5,873.00	5,873.00	2,071.32	2,071.32	2,400.00	2,400.00	1,821.00	1,821.00
349	18"x18"x6" MJxMJxFL TEE	1	EA	1,600.00	1,600.00	1,350.00	1,350.00	1,656.00	1,656.00	4,026.00	4,026.00	1,629.75	1,629.75	1,800.00	1,800.00	1,442.00	1,442.00
365	18" DIP 11.25° BEND	24	EA	1,400.00	33,600.00	1,050.00	25,200.00	1,300.00	31,200.00	1,101.00	26,424.00	1,282.89	30,789.36	1,400.00	33,600.00	1,608.00	38,592.00

CC CRAGIN TREATED WATER LINE PROJECT - LINE "H"
BID TABULATION
Project No. 133-16910-13004
June 5, 2013

Item No.	Description	ENGINEER'S ESTIMATE OF COST				Pierson Construction		Pilot West Corporation		McCauley Construction		Jonovich Companies		Markahm Contracting		T&T Construction	
		Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
366	18" DIP 22.5° BEND	8	EA	1,200.00	9,600.00	925.00	7,400.00	1,100.00	8,800.00	2,975.00	23,800.00	1,162.35	9,298.80	1,230.00	9,840.00	2,055.00	16,440.00
367	18" DIP 45° BEND	7	EA	1,300.00	9,100.00	1,025.00	7,175.00	1,250.00	8,750.00	1,360.00	9,520.00	1,260.75	8,825.25	1,350.00	9,450.00	1,595.00	11,165.00
368	18" DIP 90° BEND	3	EA	1,400.00	4,200.00	1,125.00	3,375.00	1,400.00	4,200.00	1,985.00	5,955.00	1,361.61	4,084.83	1,500.00	4,500.00	1,204.00	3,612.00
382	AIR RELEASE VALVE PER DTL. ON C-501	19	EA	2,850.00	54,150.00	2,600.00	49,400.00	3,800.00	72,200.00	1,800.00	34,200.00	269.37	5,118.03	3,000.00	57,000.00	2,265.00	43,035.00
392	CAP WATER MAIN FOR FUTURE EXTENSION	1	EA	150.00	150.00	80.00	80.00	675.00	675.00	1,049.00	1,049.00	729.39	729.39	1,200.00	1,200.00	1,195.00	1,195.00
399	TEMPORARY SAMPLING TAP PER DTL. ON C-513	7	EA	500.00	3,500.00	2,200.00	15,400.00	3,000.00	21,000.00	1,118.00	7,826.00	1,031.97	7,223.79	4,100.00	28,700.00	1,981.00	13,867.00
	Total D) Water Items ...				$1,414,523.00		$ 1,368,811.00		$ 1,236,863.00		$ 1,354,454.51		$ 1,325,445.21		$ 2,087,892.00		$ 2,488,468.00
E) Sewer																	
526	CONCRETE ENCASEMENT PER WATER AND SANITARY SEWER CROSSING PER MAG STD. DTL. 404-3	1	EA	$ 500.00	$ 500.00	$ 2,400.00	$ 2,400.00	$ 3,000.00	$ 3,000.00	$ 5,870.00	$ 5,870.00	$ 615.00	$ 615.00	$ 1,000.00	$ 1,000.00	$ 1,634.00	$ 1,634.00
	Total E) Sewer Items ...				$ 500.00		$ 2,400.00		$ 3,000.00		$ 5,870.00		$ 615.00		$ 1,000.00		$ 1,634.00
F) Signage and Marking																	
610	STOP SIGN R1-1 (30 x 30)	1	EA	$ 250.00	$ 250.00	$ 440.00	$ 440.00	$ 500.00	$ 500.00	$ 337.00	$ 337.00	$ 738.00	$ 738.00	$ 400.00	$ 400.00	$ 850.00	$ 850.00
	Total F) Signage and Marking Items ...				$ 250.00		$ 440.00		$ 500.00		$ 337.00		$ 738.00		$ 400.00		$ 850.00
G) Miscellaneous																	
803	PROTECT IN-PLACE EXISTING UTILITIES	5	L.S.	$ 150.00	$ 750.00	$ 900.00	$ 4,500.00	$ 500.00	$ 2,500.00	$ 201.60	$ 1,008.00	$ 369.00	$ 1,845.00	$ 1,400.00	$ 7,000.00	$ 995.00	$ 4,975.00
805	REMOVE AND REPLACE EXISTING SIGN	5	EA	200.00	1,000.00	130.00	650.00	250.00	1,250.00	201.60	1,008.00	246.00	1,230.00	250.00	1,250.00	300.00	1,500.00
807	PROTECT IN-PLACE EXISTING TREE	3	L.S.	100.00	300.00	140.00	420.00	500.00	1,500.00	250.00	750.00	984.00	2,952.00	1,200.00	3,600.00	1,150.00	3,450.00
809	PROTECT IN-PLACE EXISTING CULVERT & REGRADE	10	EA	400.00	4,000.00	300.00	3,000.00	1,000.00	10,000.00	265.00	2,650.00	615.00	6,150.00	650.00	6,500.00	765.00	7,650.00
813	REMOVE EXISTING CULVERT AND REPLACE WITH IN-KIND TO EXISTING OR BETTER CONDITION	50	L.F.	500.00	25,000.00	29.00	1,450.00	40.00	2,000.00	60.92	3,046.00	98.40	4,920.00	52.00	2,600.00	46.00	2,300.00
814	PROTECT IN-PLACE EXISTING WATER LINE	3	L.S.	200.00	600.00	325.00	975.00	300.00	900.00	844.66	2,533.98	615.00	1,845.00	1,275.00	3,825.00	2,984.00	8,952.00
819	PROTECT IN-PLACE EXISTING FENCE	1	L.S.	100.00	100.00	150.00	150.00	500.00	500.00	262.00	262.00	615.00	615.00	650.00	650.00	2,500.00	2,500.00
822	PROTECT IN-PLACE EXISTING STORM DRAIN PIPE	2	L.S.	400.00	800.00	325.00	650.00	250.00	500.00	524.00	1,048.00	615.00	1,230.00	670.00	1,340.00	3,000.00	6,000.00
823	PROTECT IN-PLACE EXISTING LIGHT POLE	2	EA	100.00	200.00	150.00	300.00	500.00	1,000.00	262.00	524.00	615.00	1,230.00	500.00	1,000.00	3,000.00	6,000.00
831	REMOVE & REPLACE EXISTING FENCE W/LIKE IN KIND	56	L.F.	25.00	1,400.00	35.00	1,960.00	10.00	560.00	9.05	506.80	14.76	826.56	20.00	1,120.00	10.00	560.00
840	STABILIZED CONSTRUCTION ENTRANCE PER DWG C-218	1,501	S.F.	3.00	4,503.00	1.65	2,476.65	5.00	7,505.00	2.93	4,397.93	1.23	1,846.23	3.50	5,253.50	1.25	1,876.25
845	6' TALL TEMPORARY CHAIN LINK FENCE TO ENCLOSE CONSTRUCTION YARD	1,020	S.F.	20.00	20,400.00	7.50	7,650.00	5.00	5,100.00	3.58	3,651.60	4.92	5,018.40	16.00	16,320.00	3.65	3,723.00
846	6' TALL, 20' WIDE DOUBLE SWING GATE	1	EA	1,250.00	1,250.00	150.00	150.00	1,000.00	1,000.00	400.00	400.00	1,845.00	1,845.00	300.00	300.00	30.00	30.00
850	SILT FENCE PER DWG C-602 AND C-218	9,620	L.F.	0.90	8,658.00	3.70	35,594.00	3.00	28,860.00	2.60	25,012.00	2.46	23,665.20	4.45	42,809.00	3.80	36,556.00
	HOUSTON MESA PRESSURE MANAGEMENT STATION PER DWG C-514	1	EA	28,500.00	28,500.00	33,000.00	33,000.00	40,000.00	40,000.00	65,039.00	65,039.00	33,810.24	33,810.24	31,000.00	31,000.00	33,960.00	33,960.00
	TYLER PARKWAY PRESSURE MANAGEMENT STATION PER DWG C-515	1	EA	28,500.00	28,500.00	31,800.00	31,800.00	29,000.00	29,000.00	59,813.00	59,813.00	30,456.03	30,456.03	35,500.00	35,500.00	32,840.00	32,840.00
	Total G) Miscellaneous ...				$ 125,961.00		$ 124,725.65		$ 132,175.00		$ 171,650.31		$ 119,484.66		$ 160,067.50		$ 152,872.25
	BID TOTALS						$1,765,446.65		$1,780,088.00		$1,796,830.22		$1,850,830.11		$2,765,329.50		$ 2,959,599.25

Construction Cost Total (Items B, C, D, E, G) ...	$1,561,284.00
General Items Total (Item A) ...	$ 276,000.00
Total Construction Cost ...	$1,837,284.00
Contingencies (10%) ...	$ 183,728.40
TOTAL ENGINEER'S CONSTRUCTION COST ESTIMATE	$2,021,012.40

Submitted Contractor Bid Amount ...	$1,796,840.22	$1,850,886.76	$2,765,429.50	

TETRA TECH

June 6, 2013

Mr. LaRon Garrett
Town of Payson
Assistant Town Manager
303 N. Beeline Highway
Payson, AZ 85541

Reference: CC Cragin Treated Water Line – Line "H"

Dear LaRon:

In accordance with our contract with the Town of Payson to provide Bidding Services on the above referenced project we have reviewed all six (6) bids that were submitted to the Town and find that Pierson Construction Corp. is the low bidder for this project. All of his contractor's bidding information is in order and we therefore recommend Pierson Construction Corp. for the project.

The second low bidder was Pilot West Corporation and the third low bidder was McCauley Construction, Inc. Both of the bids for these two contractors were also found to be in order if needed by the Town. The three low bids were as follows:

1. Pierson Construction Corp. $1,765,446.65
2. Pilot West Corporation $1,780,088.00
3. McCauley Construction, Inc. $1,796,840.22

If you have any questions regarding the bids please do not hesitate to contact our office.

Sincerely,

Forrest L. Switzer
Project Manager

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Tetra Tech, Inc.
421 South Beeline Highway, Payson, AZ 85541
Tel 928.474.4636 Fax 928.474.4867 www.tetratech.com