Chandler · Arizona Where Values Make The Difference	PURCHASING ITEM FOR COUNCIL AGENDA Memo No. CP16-138	1. Agenda Item Number: 21
		2. Council Meeting Date: January 28, 2016
TO:	MAYOR & COUNCIL	3. Date Prepared: January 4, 2016
THROUGH:	CITY MANAGER	4. Requesting Department: Transportation & Development

5. SUBJECT: Construction contract to CS Construction, Inc., for Enhanced Communications Remote Sites – Fiber

6. RECOMMENDATION: Staff recommends City Council award a construction contract to CS Construction, Inc., for Enhanced Communications Remote Sites - Fiber, Project No. IT088.401, in an amount not to exceed $501,820.20.

7. BACKGROUND/DISCUSSION: City staff has identified remote City facilities that require enhanced communications high speed fiber optic service. These locations include Fire Station 2, Fire Station 3, Fire Station 4, Fire Station 5, Fire Station 6, Fire Station 7, Fire Station 8, Fire Station 10, McCullough Price House, Snedigar Recreation Center, Hamilton Aquatic Center, Nozomi Aquatic Center, Arrowhead Pool, Folley Pool and PDH9 (Old Fire Station 1).

The scope of work under this contract consists of bringing fiber optic service to these various remote City facility locations. The bid documents included the base bid and five (5) bid alternates.

The base bid included project site locations: Fire Station 2, Fire Station 3, Fire Station 4, Fire Station 5, Fire Station 6, Fire Station 7, Fire Station 8, Arrowhead Pool, Hamilton Aquatic Center, and Nozomi Aquatic Center.

Alternative 1: McCullough Price House

Alternative 2: Snedigar Recreation Center

Alternative 3: Fire Station 10

Alternative 4: Folley Pool and PDH9 (Old Fire Station 1)

Alternative 5: McCullough Price House, Snedigar Recreation Center, Fire Station 10, Folley Pool and PDH9 (Old Fire Station 1)

The proposed construction management agreement with AZTEC, Engineering Group, Inc. is also on the January 28, 2016, City Council Agenda for approval.

8. EVALUATION: Five (5) bids were opened on December 8, 2015. The bid results were as follows:

Contractor	Base Bid	Alt. 1	Alt. 2	Alt. 3	Alt. 4	Alt. 5
CS Construction, Inc.	$325,270.90	$24,740.25	$65,211.70	$15,186.85	$81,083.73	$176,549.30
Fishel Company	$353,174.78	$32,125.70	$75,501.76	$20,783.63	$79,614.00	$191,978.36
Contractors West, Inc.	$379,650.00	$35,706.10	$87,610.00	$20,704.90	$109,018.20	$268,553.80
AJP Electric, Inc.	$391,331.40	$40,800.70	$88,647.20	$17,188.72	$110,293.60	$247,355.28
Telcom Construction, Inc.	$415,854.84	$34,221.33	$87,808.35	$33,224.12	$107,321.45	$250,326.69

The Information Technology Division reviewed the bid results and recommends moving forward with the Base Bid and Alternate 5 for this project as sufficient budget exists to connect all sites. This contract includes the Base Bid and Alternate 5. The engineer's estimate for the Base Bid and Alternate 5 is $758,947.00. The comparable differences between the engineer's estimate and the bid results were primarily due to the estimate quantifying the long lead time and short supply of fiber impacting the estimated market price. The bid results suggest the market price for fiber has transitioned more economically than expected and the lead times have been reduced. The construction contract time is 180 calendar days for substantial completion and 210 days for final completion.

9. FINANCIAL IMPLICATIONS:

Cost:	$501,820.20
Savings:	0
Long Term Costs:	0
Fund Source:	

Account No.:	Fund Name:	Program Name:	CIP Funded:	Amount:
401.1287.6314.0.6IT088.0	General Funds	Remote Locations High Speed Connectivity	Yes	$501,820.20

10. PROPOSED MOTION: Move City Council award a construction contract to CS Construction, Inc., for Enhanced Communications Remote Sites - Fiber, Project No. IT088.401, in an amount not to exceed $501,820.20.

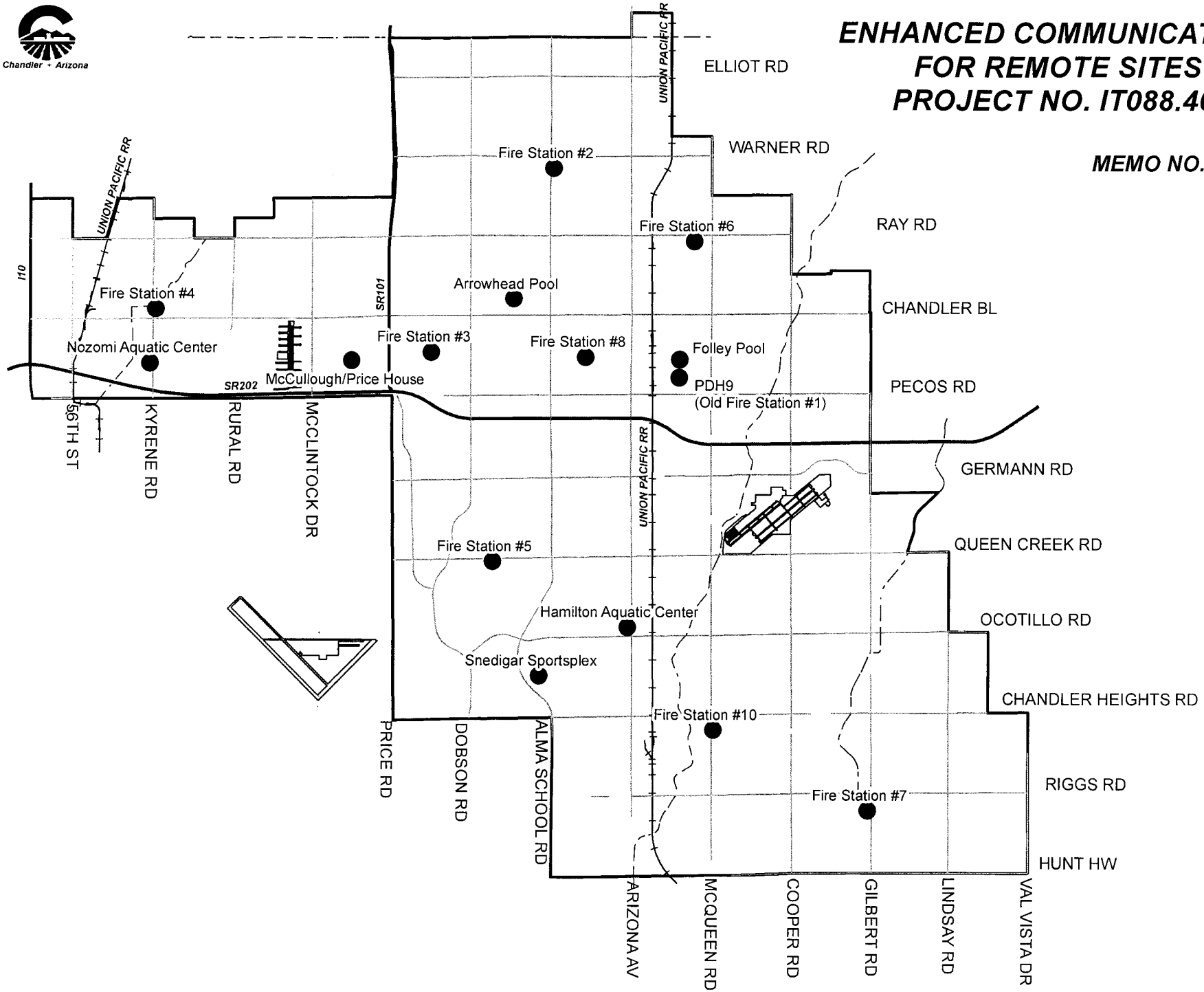
ATTACHMENTS: Location Map

APPROVALS

11. Requesting Department Bob Fortier, Capital Projects Manager	**13. Department Head** R.J. Zeder, Transportation & Development Director
12. Transportation & Development Daniel W. Cook, City Engineer	**14. Acting City Manager** Marsha Reed

ENHANCED COMMUNICATIONS FOR REMOTE SITES PROJECT NO. IT088.401

MEMO NO. CP16-138



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