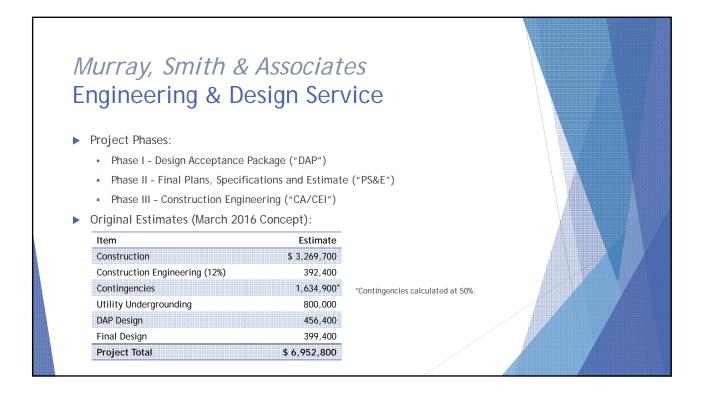
Agenda Item #4 -Presented at 1.25.17 FURA Mtg





## Murray, Smith & Associates Engineering & Design Service Agreement

- ▶ Scope: Engineering services for the 30% Design Acceptance Package (DAP)
- ▶ Signed: June 24, 2016
- ▶ Board authorized the City Manager to approve up to \$475,000 in negotiating the 30% DAP and related tasks.
- ► Negotiated Contract:
  - Required Tasks \$ 319,854
  - Contingent Tasks \$ 102,193
- Progress: DAP submitted November 30<sup>th</sup>.
- ► Expenditures: \$261,008.21 as of December 31, 2016 (Subcontractors to MSA are delayed by one billing cycle.)

## Murray, Smith & Associates Engineering & Design Service Agreement

▶ DAP Estimate (November 2016):

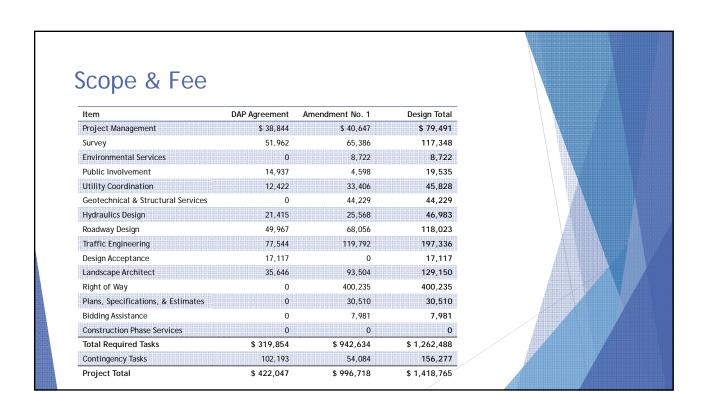
Item	Concept Estimate	DAP Estimate	
Construction	\$ 3,269,700	\$ 3,560,500	
Construction Engineering (12%)	392,400	427,260	
Contingencies	1,634,900*	1,068,150**	
Utility Undergrounding	800,000	720,000	
DAP Design	456,400	319,854	
Final Design	399,400	400,000	
Project Total	\$ 6,952,800	\$ 6,495,764	
Right of Way Administration		359,000	
Right of Way Acquisition		166,000	
Project Total	\$ 6,952,800	\$ 7,020,764	

<sup>\*</sup>Contingencies calculated at 50%

<sup>\*\*</sup>Contingencies calculated at 30%.

## Murray, Smith & Associates Agreement Amendment No. 1

▶ Scope: - Engineering services through Final Design and Construction Bidding



## Murray, Smith & Associates Engineering & Design Service Agreement

▶ DAP Estimate (November 2016):

Item	Concept Estimate	DAP Estimate	Amendment 1
Construction	\$ 3,269,700	\$ 3,560,500	\$ 3,560,500
Construction Engineering (12%)	392,400	427,260	427,260
Contingencies	1,634,900*	1,068,150**	1,068,150**
Utility Undergrounding	800,000	720,000	720,000
DAP Design	456,400	319,854	319,854
Final Design	399,400	400,000	596,483
Design & Construction Total	\$ 6,952,800	\$ 6,495,764	\$ 6,692,247
Right of Way Administration		359,000	400,235
Right of Way Acquisition		166,000	166,000
Project Total	\$ 6,952,800	\$ 7,020,764	\$ 7,258,482

<sup>\*</sup>Contingencies calculated at 50%.
\*\*Contingencies calculated at 30%.