

# Memorandum

*Making Conservation  
a California Way of Life*

**To:** SHIRA RAJENDRA  
Deputy Division Chief  
PPM and Office Engineer  
Division of Engineering Services

September 19, 2022

File: **01-434804**  
MEN-1-61.9/62.2  
01 0000 0672

**Attention:** APRIL PEREZ-HOLLINS  
Chief, Office of Construction Contract Awards

**From:** PETER LOVELADY   
North Region Office Engineer  
Office of Engineering Services

**Concur:** CAREN COONROD  
Project Manager

GEOFFREY WRIGHT  
Area Construction Engineer

**Subject: AWARD RECOMMENDATION – COST PLUST TIME CONTRACT**

Bids for this contract were opened September 7, 2022. The purpose is to widen bridge and upgrade bridge rail. Competition was adequate with six contractors submitting bids. The apparent lowest bid, from MCM Construction, is 7.63% (\$604,626.55) over the engineer's estimate (EE) of \$7,924,861.45. MCM Construction bid 90 working days (WD) for this contract, which is within the specified range of 80 to 110 WD. The four lowest bids are shown below.

Bid Rank	Bid Amount	Difference between Bidder & EE	Difference between Bidder & Low Bidder		WD Bid
1	\$8,529,488.00	7.63%	---	---	90
2	\$8,730,064.00	10.16%	\$200,576.00	2.35%	90
3	\$8,995,571.00	13.51%	\$466,083.00	5.46%	80
4	\$9,686,433.13	22.23%	\$1,156,945.13	13.56%	80

Caltrans area construction engineer (ACE), Geoffrey Wright, contacted M.C.M. Construction (Rank 1) on September 19, 2022, and spoke to chief estimator, Ron Burch, regarding the bid and the items in the following table.

Item Priority	Item No. & Item Description	EE Amount	Low Bid Amount	Amount Over/ Under EE	Percent Over/ Under EE
1	2. TIME-RELATED OVERHEAD (LS)	\$475,345	\$350,000	-\$125,345	-26.4%
Explanation:	Have small overhead and is simpler project.				
2	6. TRAFFIC CONTROL SYSTEM	\$228,000	\$100,000	-\$128,000	-56.1%
Explanation:	Simple traffic control package, signal systems greatly reduce needed traffic control, and is self-performed work to minimize costs.				
3	115. SANITARY SEWER FORCE MAIN RELOCATION	\$214,279	\$400,000	\$185,721	86.7%
Explanation:	This is subcontracted DBE work and has minimal markup. Is the cost to try to meet DBE commitment.				
4	81. ERECT PRECAST PRESTRESSED CONCRETE DECK	\$192,000	\$515,200	\$323,200	168.3%
Explanation:	This includes cost to drill holes for bolts, access to underside of bridge, including two mobilizations, install bolts and post grouting. This is partially subcontracted and includes access for cranes to set the "u" girder sections.				
5	61. HOT MIX ASPHALT (TYPE A)	\$160,600	\$243,090	\$82,490	51.4%
Explanation:	This is DBE subcontracted work with small quantity and two mobilizations. This is the cheapest bid received for the work. This is 100% subcontracted work and helps meet DBE commitment.				
6	10. PORTABLE SIGNAL SYSTEMS (EA)	\$160,000	\$65,000	-\$95,000	-59.4%
Explanation:	This is a pass-through subcontracted item and is trailer mounted system, this is the bid cost.				
7	72. DRIVE STEEL PILE (HP 12 X 84)	\$160,000	\$60,000	-\$100,000	-62.5%
Explanation:	This is self-performed work and bulk of cost is to move in and move out of the crane, each abutment is one day of work, and the contractor will leave the crane at the site until next pile drive event. Equipment is owned so cost is low.				

Item Priority	Item No. & Item Description	EE Amount	Low Bid Amount	Amount Over/ Under EE	Percent Over/ Under EE
<b>8</b>	74. STRUCTURAL CONCRETE, BRIDGE	\$139,500	\$540,000	\$400,500	287.1%
Explanation:	This cost includes high intensity work for small quantities for each pier corbel and this also covers the cost for the cradles for the future utility placement. Complex form work for extremely small quantity at each discrete location. Expensive form work.				
<b>9</b>	101. 18" PLASTIC PIPE	\$117,000	\$85,800	-\$31,200	-26.7%
Explanation:	This is pass-through subcontracted work. Sub is a DBE contractor and is reflective of their quote to perform the work.				
<b>10</b>	110. MINOR CONCRETE (MISCELLANEOUS	\$90,000	\$42,500	-\$47,500	-52.8%
Explanation:	This will self-performed work and will be completed by staff already on the job gaining efficiency in the work.				
<b>11</b>	139. LIGHTING SYSTEM	\$90,000	\$145,000	\$55,000	61.1%
Explanation:	This is a pass-through cost from a subcontractor and is reflective of their cost to perform the work. Multiple quotes are in same price bracket within 10%, went with low bid.				
<b>12</b>	29. STREET SWEEPING	\$82,000	\$25,000	-\$57,000	-69.5%
Explanation:	Not much earthwork expected on this project and is reflective of cost to perform anticipated work.				
<b>13</b>	36. CONTRACTOR-SUPPLIED BIOLOGIST (LS)	\$82,000	\$35,000	-\$47,000	-57.3%
Explanation:	This is subcontracted work and is representative of the cost to perform the biological reviews.				
<b>14</b>	39. CLEARING AND GRUBBING (LS)	\$75,000	\$35,000	-\$40,000	-53.3%
Explanation:	This is subcontracted work and is representative of the cost to perform the work.				
<b>15</b>	116. STAIN GALVANIZED SURFACES (LS)	\$71,800	\$15,000	-\$56,800	-79.1%
Explanation:	This is the defined unit price extended from the price enumerated in the Special Provisions.				

Item Priority	Item No. & Item Description	EE Amount	Low Bid Amount	Amount Over/ Under EE	Percent Over/ Under EE
<b>16</b>	141. MODIFYING FLASHING BEACON SYSTEMS	\$70,000	\$45,000	-\$25,000	-35.7%
Explanation:	This is a pass-through cost from a subcontractor and is reflective of their cost to perform the work. Multiple quotes are in same price bracket within 10%, went with low bid.				
<b>17</b>	75. STRUCTURAL CONCRETE, RETAINING WALL	\$63,000	\$29,400	-\$33,600	-53.3%
Explanation:	This is the footing concrete for the concrete masonry units, has minimal finishing costs and simple forms.				
<b>18</b>	37. HYDROACOUSTIC MONITORING	\$50,000	\$25,000	-\$25,000	-50.0%
Explanation:	This is subcontracted work and is estimated for two days of piling driving, this is the cost to perform the work.				
<b>19</b>	85. BAR REINFORCING STEEL (EPOXY COATED)	\$49,676	\$26,852	-\$22,824	-45.9%
Explanation:	This is subcontracted work and is the cost for the work and is shared cost for other rebar items.				
<b>20</b>	44. STRUCTURE EXCAVATION (BRIDGE)	\$48,900	\$114,100	\$65,200	133.3%
Explanation:	This is reflective of the shoring that will be needed to shore the existing footing and the quantity of excavation is low, so the unit price is high.				
<b>21</b>	12. PORTABLE CHANGEABLE MESSAGE SIGN (LS)	\$40,000	\$12,000	-\$28,000	-70.0%
Explanation:	This is the cost to maintain the PCMS. We own the equipment which reduces our costs.				

The ACE contacted Bugler Construction (Rank 2), on September 19, 2022, and spoke to the company president, Glenn Bugler, regarding the bid and the items in the following table.

Item Priority	Item No. & Item Description	EE Amount	Low Bid Amount	Amount Over/ Under EE	Percent Over/ Under EE
1	80. FURNISH PRECAST PRESTRESSED	\$832,000	\$1,344,000	\$512,000	61.5%
Explanation:	This is a quote from the supplier with an overhead markup.				
2	2. TIME-RELATED OVERHEAD (LS)	\$475,345	\$160,000	-\$315,345	-66.3%
Explanation:	This is the cost required to cover overhead for this project.				
3	128. CALIFORNIA ST-75 BRIDGE RAIL	\$331,200	\$574,080	\$242,880	73.3%
Explanation:	Material costs have escalated, and this is known cost to perform the work based upon previous experience.				
4	6. TRAFFIC CONTROL SYSTEM	\$228,000	\$85,000	-\$143,000	-62.7%
Explanation:	This is cost to cover anticipated work for traffic control, costs are reduced due to temp signal.				
5	115. SANITARY SEWER FORCE MAIN RELOCATION	\$214,279	\$450,000	\$235,721	110.0%
Explanation:	This is subcontracted work to a DBE contractor and is the cost to perform the work.				
6	81. ERECT PRECAST PRESTRESSED CONCRETE DECK	\$192,000	\$320,000	\$128,000	66.7%
Explanation:	This is subcontracted work and is the cost to perform the work.				
7	61. HOT MIX ASPHALT (TYPE A)	\$160,600	\$248,200	\$87,600	54.5%
Explanation:	This is subcontracted work to a DBE contractor and is the cost to perform the work.				
8	10. PORTABLE SIGNAL SYSTEMS (EA)	\$160,000	\$50,000	-\$110,000	-68.8%
Explanation:	This is subcontracted work to a DBE contractor and is the cost to perform the work.				
9	72. DRIVE STEEL PILE (HP 12 X 84)	\$160,000	\$120,000	-\$40,000	-25.0%
Explanation:	This is subcontracted work to a DBE contractor and is the cost to perform the work.				

Item Priority	Item No. & Item Description	EE Amount	Low Bid Amount	Amount Over/ Under EE	Percent Over/ Under EE
10	101. 18" PLASTIC PIPE	\$117,000	\$78,000	-\$39,000	-33.3%
Explanation:	This is subcontracted work to a DBE contractor and is the cost to perform the work.				
11	110. MINOR CONCRETE (MISCELLANEOUS)	\$90,000	\$65,000	-\$25,000	-27.8%
Explanation:	Self-performing the work and familiar with work and costs to perform the work.				
12	139. LIGHTING SYSTEM	\$90,000	\$200,000	\$110,000	122.2%
Explanation:	This is subcontracted work and is the cost to perform the work with overhead markup.				
13	29. STREET SWEEPING	\$82,000	\$18,000	-\$64,000	-78.0%
Explanation:	No explanation provided.				
14	39. CLEARING AND GRUBBING (LS)	\$75,000	\$18,000	-\$57,000	-76.0%
Explanation:	Self-performing the work and this is sufficient to cover costs of the work.				
15	116. STAIN GALVANIZED SURFACES (LS)	\$71,800	\$4,000	-\$67,800	-94.4%
Explanation:	Materials are drop shipped from supplier to coater and then direct ship to site. This is cost to place coating only.				
16	94. PLACE POLYESTER CONCRETE OVERLAY	\$64,264	\$96,396	\$32,132	50.0%
Explanation:	This is subcontracted work and is the cost to perform the work with overhead markup.				
17	75. STRUCTURAL CONCRETE, RETAINING WALL	\$63,000	\$46,200	-\$16,800	-26.7%
Explanation:	Self-performing the work and this is sufficient to cover costs of the work.				
18	37. HYDROACOUSTIC MONITORING	\$50,000	\$15,000	-\$35,000	-70.0%
Explanation:	This is subcontracted work to a DBE contractor and is the cost to perform the work.				

Item Priority	Item No. & Item Description	EE Amount	Low Bid Amount	Amount Over/ Under EE	Percent Over/ Under EE
<b>19</b>	85. BAR REINFORCING STEEL (EPOXY COATED)	\$49,676	\$26,852	-\$22,824	-45.9%
Explanation:	This is subcontracted work and is the cost to perform the work with overhead markup.				
<b>20</b>	44. STRUCTURE EXCAVATION (BRIDGE)	\$48,900	\$24,450	-\$24,450	-50.0%
Explanation:	Self-performing the work and this is sufficient to cover costs of the work.				
<b>21</b>	13. TEMPORARY RAILING (TYPE K)	\$45,900	\$71,400	\$25,500	55.6%
Explanation:	Cost is in transport of the K-rail to and from the job site. Own K-rail, so cost is in transport.				
<b>22</b>	71. FURNISH STEEL PILING (HP 12 X 84)	\$43,428	\$84,600	\$41,172	94.8%
Explanation:	This represents cost escalation for steel prices and market trend.				
<b>23</b>	12. PORTABLE CHANGEABLE MESSAGE SIGN (LS)	\$40,000	\$30,000	-\$10,000	-25.0%
Explanation:	Self-performing the work and this is sufficient to cover costs of the work.				
<b>24</b>	34. BAT AND BIRD EXCLUSION DEVICE	\$40,000	\$90,000	\$50,000	125.0%
Explanation:	Cost is in access to the work, as requires snooper truck, difficult access.				

Project manager, Caren Coonrod, and ACE, Geoffrey Wright, reviewed the bids in accordance with 23CFR 635.102/635.114 and found no evidence of material unbalancing. All required clearances have been obtained, there are no outstanding permits, and Right of Way Certification 1 was approved July 7, 2022. All bidders attended the mandatory pre-bid meeting held on August 4, 2022. This project includes contributor funding from the City of Fort Bragg per Cooperative Agreement 01-0408, executed August 19, 2021; and Utility Agreement 01-UT-2355-1, executed June 21, 2021. The current funding allocation is adequate to award to the apparent low bidder.

Based on the information above, the District recommends awarding the contract to the lowest responsive and responsible bidder. I have reviewed the bid results and concur with this recommendation. If you would like additional information, please contact me at (530) 812-6037.