

TO: JAMES L. APP, CITY MANAGER

FROM: JOHN R. McCARTHY, DIRECTOR OF PUBLIC WORKS

SUBJECT: AWARD OF BID FOR NIBLICK ROAD BRIDGE WIDENING
DPW 90-18

DATE: FEBRUARY 16, 1999

Needs: For the City Council to adopt the attached resolution awarding the low bid for the Niblick Road Bridge widening to MCM Construction Inc., of North Highland, California, in the amount of \$7,765,916.00.

Facts:

1. Plans and Specifications were prepared and the project sent out for a public bid.
2. Four (4) bids were received on January 14, 1999, with the low bid submitted by MCM Construction, Inc., in the amount of \$7,765,916.00.

**Analysis
and**

Conclusion: The bids received were reviewed by the staff and it is recommended that the bid for the Niblick Road Bridge widening be awarded to the low bidder MCM Construction, Inc. of North Highland, California.

Policy

Reference: Adopted Capital Improvement Project

Fiscal

Impact: This project is funded with Federal Grants and Measure 'D' Bonds.

Options:

- A. That the City Council award the low bid of \$7,765,916.00 for Niblick Road Bridge Widening, DPW Project No. 90-18 to MCM Construction Inc. of North Highlands, California.
- B. Amend, modify, or reject the above options.

Attachments: (3)
1) Resolution
2) Bid Summary
3) Publication Notice

RESOLUTION No. 98-

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PASO ROBLES
AWARDING THE LOW BID FOR THE NIBLICK ROAD BRIDGE WIDENING TO
MCM CONSTRUCTION, INC.**

WHEREAS, the bid opening for the Niblick Road Bridge Widening, DPW No. 90-18, was held on January 14, 1999, with four (4) bids received; and

WHEREAS, four (4) bids were received on January 14, 1999, with the low bid submitted by MCM Construction, Inc. in the amount of \$7,765,916.00; and

WHEREAS, funding for this project is through Federal Grants and Measure 'D' funds;

THEREFORE, BE IT RESOLVED AS FOLLOWS:

Section 1. That the City Council of the City of Paso Robles does hereby award the bid for the Niblick Road Bridge Widening, DPW 90-18 to MCM Construction, Inc. in the amount of \$7,765,916.00.

Section 2. That the City Council of the City of Paso Robles does hereby authorize the City Manager to execute the contract with MCM Construction, Inc. for the Niblick Road Bridge Widening, DPW 90-18.

PASSED AND ADOPTED by the City Council of the City of Paso Robles, 16th day of February, 1999, on the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Duane Picanco, Mayor

ATTEST:

Madelyn Paasch, City Clerk

Niblick Road Bridge Bid Analysis



Item No.	Description	Unit	Engineer's Estimate		MCM CONSTRUCTION, INC.			C.C. MYERS			BENCO CONTRACTING			
			Est Qty	Total Price	Average Bid	Total Price	Deviation From Engineers Est	Deviation From Average	Total Price	Deviation From Engineers Est	Deviation From Average	Total Price	Deviation From Engineers Est	Deviation From Average
Intersection Improvements														
1	Temporary Railing (Type K)	LF	627	7,838	11,495	9,405	20%	-22%	12,540	60%	9%	12,540	60%	9%
2	Temporary Crash Cushion Array	EA	1	2,250	1,867	1,500	-50%	-24%	2,100	-7%	13%	2,000	-13%	7%
3	Remove Metal Beam Guard Railing	LF	60	390	11,060	1,080	177%	-924%	300	-30%	-3587%	31,800	8054%	188%
4	Remove Sign	EA	8	640	640	480	-33%	-33%	640	0%	0%	800	25%	25%
5	Remove Asphalt Concrete Dike	LF	668	2,672	1,559	668	-300%	-133%	668	-300%	-133%	3,340	25%	114%
6	Relocate Roadside Sign	EA	1	110	167	125	14%	-33%	125	14%	-33%	250	127%	50%
7	Remove Concrete	LS	Lump Sum	8,000	11,333	8,000	0%	-42%	14,000	75%	24%	12,000	50%	6%
8	Clearing and Grubbing	LS	Lump Sum	10,000	19,000	10,000	0%	-90%	16,000	60%	-19%	31,000	210%	63%
9	Roadway Excavation	CY	1,859	18,590	24,787	24,167	30%	-3%	22,308	20%	-11%	27,885	50%	13%
10	Structure Excavation (Retaining Wall)	CY	105	6,825	4,830	3,675	-86%	-31%	8,400	23%	74%	2,415	-183%	-100%
11	Structure Backfill (Retaining Wall)	CY	120	6,000	6,000	6,000	0%	0%	6,000	0%	0%	6,000	0%	0%
12	Imported Borrow	CY	1,270	15,240	29,263	31,750	108%	8%	21,750	43%	-35%	34,290	125%	17%
13	Highway Planting	LS	Lump Sum	21,168	15,333	14,000	-51%	-10%	15,000	-41%	-2%	17,000	-25%	11%
14	Erosion Control (Type D)	SY	440	1,320	1,320	1,760	33%	33%	220	-500%	-500%	1,980	50%	50%
15	Erosion Control (Blanket)	SY	358	1,432	2,625	3,580	150%	36%	358	-300%	-633%	3,938	175%	50%
16	Plant Establishment	LS	Lump Sum	1,700	8,400	8,000	371%	-5%	8,500	400%	1%	8,700	412%	4%
17	Modifications to City Water Facilities	LS	Lump Sum	10,000	16,667	15,000	50%	-11%	18,000	80%	8%	17,000	70%	2%
18	Irrigation System	LS	Lump Sum	18,903	20,333	20,000	6%	-2%	19,000	1%	-7%	22,000	16%	8%
19	Class 2 Aggregate Base	TON	2,480	74,400	43,813	42,160	-76%	-4%	42,160	-76%	-4%	47,120	-58%	8%
20	Asphalt Concrete (Type B)	TON	1,109	38,815	54,341	52,123	34%	-4%	53,232	37%	-2%	57,668	49%	6%
21	Place Asphalt Concrete Dike (Type D)	LF	494	988	2,964	2,470	150%	-20%	3,458	250%	17%	2,964	200%	0%
22	Asphaltic Emulsion (Fog Seal Coat)	TON	0.2	600	427	190	-216%	-125%	190	-216%	-125%	900	50%	111%
23	Structural Concrete, Retaining Wall	CY	46	18,400	13,923	13,800	-33%	-1%	17,250	-7%	24%	10,718	-72%	-30%
24	Bar Reinforcing Steel (Retaining Wall)	LB	2,300	1,265	1,457	1,610	27%	11%	1,150	-10%	-27%	1,610	27%	11%
25	Roadside Sign-One Post	EA	4	520	633	500	-4%	-27%	600	15%	-6%	800	54%	26%
26	12" Corrugated Steel Pipe (0.079" Thick)	LF	32	1,600	1,867	1,600	0%	-17%	2,240	40%	20%	1,760	10%	-6%
27	12" Entrance Taper	EA	1	165	558	600	264%	7%	375	127%	-49%	700	324%	25%
28	Anchor Assembly	EA	1	50	433	500	900%	15%	200	300%	-117%	600	1100%	38%
29	Minor Concrete (Miscellaneous Construction)	CY	159	55,650	50,615	47,700	-17%	-6%	50,880	-9%	1%	53,265	-4%	5%
30	Miscellaneous Iron and Steel	LB	190	380	507	380	0%	-33%	380	0%	-33%	760	100%	50%
31	Metal Beam Guard Railing (Wood Post)	LF	180	3,960	3,900	3,240	-22%	-20%	3,060	-29%	-27%	5,400	36%	38%
32	Cable Railing	LF	54	1,350	1,224	1,296	-4%	6%	1,188	-14%	-3%	1,188	-14%	-3%
33	Cable Anchor Assembly	LF	2	1,100	833	800	-38%	-4%	300	-267%	-178%	1,400	27%	68%
34	Return Section	EA	1	115	130	150	30%	15%	90	-28%	-44%	150	30%	15%
35	Thermoplastic Traffic Stripe	LF	1,800	2,700	1,980	1,980	-36%	0%	1,800	-50%	-10%	2,160	-25%	9%
36	Thermoplastic Pavement Marking	SF	1,400	4,200	4,433	4,550	8%	3%	4,200	0%	-6%	4,550	8%	3%
37	Paint Traffic Stripe (2-Coat)	LF	3,800	2,660	1,393	1,330	-100%	-5%	1,330	-100%	-5%	1,520	-75%	9%
38	Pavement Marker (Non-Reflective)	EA	40	120	160	160	33%	0%	160	33%	0%	160	33%	0%
39	Pavement Marker (Reflective)	EA	240	1,200	1,200	1,200	0%	0%	1,200	0%	0%	1,200	0%	0%
40	30" Cast-In-Drilled-Hole Concrete Piling (Light Standard Foundation)	LF	12	3,600	11,240	1,200	-200%	-837%	2,400	-50%	-368%	30,120	737%	168%
41	Lighting (City Street and Bridge)	LS	Lump Sum	5,000	14,567	15,000	200%	3%	13,000	160%	-12%	15,700	214%	8%
42	Modify Signal (Location 1)	LS	Lump Sum	85,000	41,567	5,000	-1600%	-731%	65,000	-31%	56%	54,700	-55%	32%
SUBTOTAL				436,916	444,177	358,729	-22%	-24%	441,752	1%	-1%	532,051	22%	20%

Niblick Road Bridge Bid Analysis

Item No.	Description	Unit	Engineer's Estimate		Average Bid		MCM CONSTRUCTION, INC.		C.C. MYERS		BENCO CONTRACTING			
			Est Qty	Total Price	Average Bid	Total Price	Deviation From Engineers Est	Deviation From Average	Total Price	Deviation From Engineers Est	Deviation From Average	Total Price	Deviation From Engineers Est	Deviation From Average
Niblick Road Bridge (Widen)														
1	Progress Schedule (Critical Path)	LS	Lump Sum	20,000	11,000	5,000	-300%	-120%	8,000	-150%	-38%	20,000	0%	82%
2	Construction Area Signs	LS	Lump Sum	2,500	5,667	4,000	60%	-42%	6,000	140%	6%	7,000	180%	24%
3	Traffic Control System	LS	Lump Sum	30,000	41,667	10,000	-200%	-317%	40,000	33%	-4%	75,000	150%	80%
4	Temporary Pavement Marking (Paint)	SF	120	840	720	720	-17%	0%	720	-17%	0%	720	-17%	0%
5	Temporary Traffic Stripe (Paint)	LF	5,250	1,838	10,500	10,500	471%	0%	10,500	471%	0%	10,500	471%	0%
6	Temporary Railing (Type K)	LF	5,773	72,163	113,536	127,006	76%	12%	115,460	60%	2%	98,141	36%	-16%
7	Temporary Crash Cushion Array	EA	4	9,000	10,800	12,000	33%	11%	8,400	-7%	-29%	12,000	33%	11%
8	Remove Chain Link Fence	LF	65	293	650	910	211%	40%	390	33%	-67%	650	122%	0%
9	Remove Rock Slope Protection	LS	Lump Sum	25,000	18,000	8,000	-213%	-125%	10,000	-150%	-80%	36,000	44%	100%
10	Remove Metal Beam Guard Railing	LF	630	4,095	3,150	2,520	-63%	-25%	3,150	-30%	0%	3,780	-8%	20%
11	Remove Traffic Stripe and Pavement Marking	LS	Lump Sum	4,300	12,333	10,000	133%	-23%	12,000	179%	-3%	15,000	249%	22%
12	Remove Sign	EA	3	240	305	225	-7%	-36%	240	0%	-27%	450	88%	48%
13	Remove Asphalt Concrete Paving	LS	Lump Sum	7,600	6,400	8,000	5%	25%	10,000	32%	56%	1,200	-533%	-433%
14	Remove Asphalt Concrete Dike	LF	432	1,728	1,152	1,296	-33%	13%	864	-100%	-33%	1,296	-33%	13%
15	Remove Concrete Mat Slope Protection	LS	Lump Sum	20,000	10,900	8,000	-150%	-36%	10,000	-100%	-9%	14,700	-36%	35%
16	Remove and Replace Concrete Barrier (Type 25)	LF	61	9,150	13,013	12,200	33%	-7%	12,200	33%	-7%	14,640	60%	13%
17	Relocate Roadside Sign	EA	6	660	850	900	36%	6%	750	14%	-13%	900	36%	6%
18	Remove Concrete	LS	Lump Sum	1,000	7,700	9,000	800%	17%	12,000	1100%	56%	2,100	110%	-267%
19	Bridge Removal (Portion)	LS	Lump Sum	21,750	53,333	50,000	130%	-7%	50,000	130%	-7%	60,000	176%	17%
20	Clearing and Grubbing	LS	Lump Sum	32,500	32,500	32,500	0%	0%	32,500	0%	0%	32,500	0%	0%
21	Roadway Excavation	CY	2,041	20,410	15,103	14,287	-43%	-6%	14,695.20	-39%	-3%	16,328	-25%	8%
22	Structure Excavation (Bridge)	CY	2,015	130,975	92,690	50,375	-160%	-84%	100,750	-30%	9%	126,945	-3%	37%
23	Structure Excavation (Type D)	CY	4,340	737,800	426,767	412,300	-79%	-4%	434,000	-70%	2%	434,000	-70%	2%
24	Structure Excavation (Concrete Mat)	CY	2,910	320,100	35,890	23,280	-1275%	-54%	40,740	-686%	14%	43,650	-633%	22%
25	Structure Backfill (Bridge)	CY	775	38,750	29,450	31,000	-25%	5%	31,000	-25%	5%	26,350	-47%	-12%
26	Structure Backfill (Concrete Mat)	CY	2,780	41,700	24,093	5,560	-650%	-333%	33,360	-25%	38%	33,360	-25%	38%
27	Imported Borrow	CY	3,630	43,560	64,735	65,340	50%	1%	63,525	46%	-2%	65,340	50%	1%
28	Highway Planting	LS	Lump Sum	4,225	4,500	4,000	-6%	-13%	4,500	7%	0%	5,000	18%	11%
29	Plant Establishment	LS	Lump Sum	500	3,167	3,000	500%	-6%	3,000	500%	-6%	3,500	600%	11%
30	Irrigation System	LS	Lump Sum	572	2,167	2,000	250%	-8%	2,000	250%	-8%	2,500	337%	15%
31	Class 2 Aggregate Base	TON	1,820	54,600	27,603	27,300	-100%	-1%	26,390	-107%	-5%	29,120	-88%	5%
32	Asphalt Concrete (Type B)	TON	1,221	42,735	58,201	54,945	29%	-6%	58,608	37%	1%	61,050	43%	5%
33	Place Asphalt Concrete (Miscellaneous Areas)	SY	630	10,080	3,360	3,150	-220%	-7%	3,780	-167%	13%	3,150	-220%	-7%
34	Asphaltic Emulsion (Fog Seal Coat)	TON	0.8	600	1,347	1,600	167%	19%	760	27%	-77%	1,680	180%	25%
35	Furnish Steel Piling (HP 12x74)	LF	26,592	531,840	319,104	425,472	-25%	33%	265,920	-100%	-20%	265,920	-100%	-20%
36	Drive Steel Pile (HP 12x74)	EA	568	568,000	624,800	511,200	-11%	-22%	738,400	30%	18%	624,800	10%	0%
37	Prestressing Cast-in-Place Concrete	LS	Lump Sum	290,000	208,333	150,000	-93%	-39%	235,000	-23%	13%	240,000	-21%	15%
38	Structural Concrete, Bridge Footing	CY	2,135	640,500	640,500	640,500	0%	0%	640,500	0%	0%	640,500	0%	0%
39	Structural Concrete, Bridge	CY	6,590	2,800,750	2,357,023	2,029,720	-38%	-16%	2,458,070	-14%	4%	2,583,280	-8%	10%
40	Structural Concrete Approach Slab (Type EQ)	CY	32	12,800	17,600	12,800	0%	-38%	16,000	25%	-10%	24,000	88%	36%
41	Minor Concrete (Minor Structures)	CY	2	1,500	3,967	4,000	167%	1%	3,700	147%	-7%	4,200	180%	6%
42	Drill and Bond Dowel	LF	35	875	992	525	-67%	-89%	875	0%	-13%	1,575	80%	59%
43	Drill and Bond Dowel (Epoxy Cartridge)	EA	222	7,770	12,136	13,320	71%	10%	8,880	14%	-37%	14,208	83%	17%
44	Clean Expansion Joint	LF	189	14,175	17,010	7,560	-88%	-125%	3,780	-275%	-350%	39,690	180%	133%
45	Precast Concrete Planks	LF	562	5,620	18,733	14,050	150%	-33%	19,670	250%	5%	22,480	300%	20%
46	PTFE Bearing	EA	20	40,000	35,333	30,000	-33%	-18%	36,000	-11%	2%	40,000	0%	13%
47	Joint Seal Assembly (MR 4")	LF	502	75,300	75,300	65,260	-15%	-15%	75,300	0%	0%	85,340	13%	13%
48	Bar Reinforcing Steel (Bridge)	LB	2,423,000	1,332,650	1,146,887	1,138,810	-17%	-1%	1,138,810	-17%	-1%	1,163,040	-15%	1%

Niblick Road Bridge Bid Analysis



Item No. Description	Unit	Engineer's Estimate		Average Bid	MCM CONSTRUCTION, INC.			C.C. MYERS			BENCO CONTRACTING			
		Est Qty	Total Price	Average Bid	Total Price	Deviation From Engineers Est	Deviation From Average	Total Price	Deviation From Engineers Est	Deviation From Average	Total Price	Deviation From Engineers Est	Deviation From Average	
Niblick Road Bridge (Widen), cont.														
50	12" Corrugated Steel Pipe (0.079" Thick)	LF	30	1,500	1,680	1,500	0%	-12%	1,950	30%	16%	1,590	6%	-6%
51	18" Corrugated Steel Pipe (0.079" Thick)	LF	8	400	1,307	1,600	300%	22%	640	60%	-104%	1,680	320%	29%
52	12" Entrance Taper	EA	1	165	833	1,000	506%	20%	400	142%	-108%	1,100	567%	32%
53	Anchor Assembly	EA	1	50	773	1,000	1900%	29%	220	340%	-252%	1,100	2100%	42%
54	Concrete Mat Slope Protection Concrete-Rock Slope Protection (Facing, Method B)	CY	190	76,000	71,250	76,000	0%	7%	61,750	-23%	-15%	76,000	0%	7%
55	Minor Concrete (Miscellaneous Construction)	CY	71	24,850	22,483	21,300	-17%	-6%	23,075	-8%	3%	23,075	-8%	3%
56	Miscellaneous Iron and Steel	LB	190	380	443	380	0%	-17%	380	0%	-17%	570	50%	29%
57	Miscellaneous Metal (Bridge)	LB	16,150	40,375	37,683	64,600	60%	71%	16,150	-150%	-133%	32,300	-25%	-17%
58	Miscellaneous Metal (Restrainer)	LB	13,580	47,530	52,057	54,320	14%	4%	40,740	-17%	-28%	61,110	29%	17%
59	Chain Link Fence (Type CL-6)	LF	530	5,300	8,127	5,830	10%	-39%	12,720	140%	57%	5,830	10%	-39%
60	Ornamental Picket Bridge Railing (Type 1)	LF	642	96,300	49,434	51,360	-88%	4%	44,940	-114%	-10%	52,002	-85%	5%
61	Ornamental Picket Bridge Railing (Type 2)	LF	756	37,800	22,932	22,680	-67%	-1%	22,680	-67%	-1%	23,436	-61%	2%
62	Ornamental Picket Bridge Railing (Type 3)	LF	1,388	104,100	50,431	44,416	-134%	-14%	52,744	-97%	5%	54,132	-92%	7%
63	Concrete Barrier (Type 26)	LF	1,398	90,870	100,190	104,850	15%	5%	76,890	-18%	-30%	118,830	31%	19%
64	Thermoplastic Pavement Marking	SF	600	1,800	1,900	1,800	0%	-6%	1,800	0%	-6%	2,100	17%	11%
65	Paint Traffic Stripe (2-Coat)	LF	12,000	8,400	4,280	4,200	-100%	-2%	4,200	-100%	-2%	4,440	-89%	4%
66	Pavement Marker (Reflective)	EA	400	2,000	2,067	2,000	0%	-3%	2,000	0%	-3%	2,200	10%	6%
67	30" Cast-In-Drilled-Hole Concrete Piling (Light Standard Foundation)	LF	24	7,200	3,120	2,400	-200%	-30%	4,800	-50%	54%	2,160	-233%	-44%
68	Lighting (City Street and Bridge)	LS	Lump Sum	72,000	95,000	80,000	11%	-19%	95,000	32%	0%	110,000	53%	16%
69	Interconnection Conduit and Cable	LS	Lump Sum	40,000	20,667	20,000	-100%	-3%	20,000	-100%	-3%	22,000	-82%	6%
70	Relocate Electrolier	LS	Lump Sum	4,400	12,200	10,000	127%	-22%	12,000	173%	-2%	14,600	232%	20%
71	Modify Signal (Location 2)	LS	Lump Sum	5,000	5,500	5,000	0%	-10%	5,000	0%	-10%	6,500	30%	18%
72	Victorian Style Pedestrian Bench	EA	1	500	1,167	500	0%	-133%	500	0%	-133%	2,500	400%	114%
73	Mobilization	EA	1	913,000	811,232	773,695	-18%	-5%	860,000	-6%	6%	800,000	-14%	-1%
74														
SUBTOTAL				9,613,063	8,001,030	7,407,187	-30%	-8%	8,164,716	-18%	2%	8,431,188	-14%	5%
SUBTOTAL INTERSECTION IMPROVEMENTS				436,916	444,177	358,729	-22%	-24%	441,752	1%	-1%	532,051	22%	20%
TOTAL AMOUNT OF BID				10,049,978	8,445,208	7,765,916	-29%	-9%	8,606,468	-17%	2%	8,963,239	-12%	6%

**CITY OF
PASO ROBLES
1000 SPRING STREET
PASO ROBLES, CA
93446
NOTICE INVITING
SEALED BIDS**

Sealed proposals will be received at the office of the City Clerk, 1000 Spring Street, Paso Robles, California, until 2:00 p.m. on January 14, 1999, at which time they will be publicly opened and read in the office of the City Clerk for construction in accordance with the specifications therefore, to which special reference is made as follows: Niblick Bridge II Construction, DPW Project No. 90-18.

Plans, specifications and proposal forms bidding this proposal can be obtained by payment of \$100.00 at the Office of the Engineering Department, 1000 Spring Street, and may be seen at the same office. There will be no refund of this payment.

The Contractor shall possess either a Class A license or an appropriate

class or classes of licenses at the time this contract is awarded.

Contractors and subcontractors must at least meet the latest prevailing wage rates in payment to employees as determined by the Director of Industrial Relations of the State of California, pursuant to California Labor Code Part 7, Chapter 1, Article 2, Sections 1770 and 1773.1. Copies are on file in the Office of the Engineer, City of Paso Robles, California.

Each bid shall be accompanied by a certified check, cashier's check, or bidder's bond, made payable to the city of Paso Robles, for an amount equal to ten percent (10%) of the amount of the bid, such guaranty to be forfeited should the bidder to whom the contract is awarded fail to enter into the contract. Bid bond must be issued by a surety company having an "A" or "A+" rating as given in Best's key rating guide (property-casualty).

The City of Paso Robles hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

The City Council of the City of Paso Robles, California, reserves the right to reject any or all bids or waive any informality in a bid. No bid shall be accepted from a contractor who has not been licensed in accordance with the provisions of Chapter 9, Division III of Business and Professions Code.

James L. App, Interim
City Manager

Date

Oct. 12, 1998 5092484