

CONSTRUCTION DIVISION

SPECIFICATION NO. 2720A
 FIBER OPTIC NETWORK - PH I & VINCENT
 THOMAS BRIDGE
 PROJ. CONST. MNGR.: CHRIS TRINIDAD

ENGINEERING ESTIMATE: \$2,285,250.00
 ADVERTISED DATE: APRIL 6, 2011
 BID OPENING DATE: MAY 19, 2011

	ITEM 1		ITEM 2	
	LUMP SUM CONSTRUCTION		INSTALL DIRECT BURIAL MICRODUCT TUBE BUNDLE	
	LUMP SUM		CONTINGENCY ITEM	500
		Lin. Ft. Approx. Qty. =		
ENGINEERING ESTIMATE	\$1,878,950.00	\$ 14.50	\$7,250.00	
1) S.H.E. ENGR & CONST GROUP, INC.	\$1,450,000.00	\$ 12.75	\$6,375.00	
2) ROYAL ELECTRIC	\$1,597,000.00	\$ 50.00	\$25,000.00	
3) HP COMMUNICATIONS, INC.	\$1,697,398.00	\$ 40.00	\$20,000.00	
4) TETRA TECH, INC.	\$1,804,921.00	\$ 27.00	\$13,500.00	
5) NEUBAUER ELECTRIC, INC.	\$2,032,000.00	\$ 13.49	* \$7,400.00 \$6,745.00	
6) WESTERN GROUP, INC.	\$2,103,000.00	\$ 50.00	\$25,000.00	
7) J. FLETCHER CREAMER & SON, INC.	\$2,270,000.00	\$ 49.00	\$24,500.00	
8) TEAM FISHEL	\$2,677,318.62	\$ 120.63	\$60,315.00	
9) HENKELS & MCCOY	\$2,974,598.00	\$ 51.00	\$25,500.00	
10) ROSENDIN ELECTRIC, INC.	\$3,322,135.00	\$ 70.36	\$35,180.00	
1) AVERAGE BID	\$2,192,837.06	\$48.42	\$24,211.50	
2) STANDARD DEVIATION	\$ 620,380.46	\$ 31.14	\$ 15,572.23	
3) ENG. EST. - LOW BIDDER	\$428,950.00	\$ 1.75	\$ 875.00	

* AS IN BID

TRANSMITTAL NO. 1

SPECIFICATION NO. 2720A
FIBER OPTIC NETWORK - PH I & VINCENT
THOMAS BRIDGE
PROJ. CONST. MNGR.: CHRIS TRINIDAD

	ITEM 3		ITEM 4	
	INSTALL, TEST & INTEGRATE 24 STRANDS AIR BLOWN FIBER IN MICRODUCT (CONTINGENCY ITEM)		INSTALL TWO - 4 INCH PVC CONDUIT (CONTINGENCY ITEM)	
	Lin. Ft. Approx. Qty. =	500	Lin. Ft. Approx. Qty. =	500
ENGINEERING ESTIMATE	\$ 16.50	\$8,250.00	\$ 115.00	\$57,500.00
1) S.H.E. ENGR & CONST GROUP, INC.	\$ 15.65	\$7,825.00	\$ 125.00	\$62,500.00
2) ROYAL ELECTRIC	\$ 12.80	\$6,400.00	\$ 107.00	\$53,500.00
3) HP COMMUNICATIONS, INC.	\$ 14.35	\$7,175.00	\$ 40.00	\$20,000.00
4) TETRA TECH, INC.	\$ 8.50	\$4,250.00	\$ 38.00	\$19,000.00
5) NEUBAUER ELECTRIC, INC.	\$ 6.65	\$3,325.00	\$ 60.00	\$30,000.00
6) WESTERN GROUP, INC.	\$ 20.00	\$10,000.00	\$ 70.00	\$35,000.00
7) J. FLETCHER CREAMER & SON, INC.	\$ 9.00	\$4,500.00	\$ 48.00	\$24,000.00
8) TEAM FISHEL	\$ 12.04	\$6,020.00	\$ 135.26	\$67,630.00
9) HENKELS & MCCOY	\$ 14.00	\$7,000.00	\$ 165.00	\$82,500.00
10) ROSENDIN ELECTRIC, INC.	\$ 13.13	\$6,565.00	\$ 89.71	\$44,855.00
1) AVERAGE BID	\$12.61	\$6,306.00	\$87.80	\$43,898.50
2) STANDARD DEVIATION	\$ 3.87	\$ 1,935.71	\$ 43.98	\$ 21,989.28
3) ENG. EST. - LOW BIDDER	\$ 0.85	\$ 425.00	\$ (10.00)	\$ (5,000.00)

* AS IN BID

SPECIFICATION NO. 2720A
FIBER OPTIC NETWORK - PH I & VINCENT
THOMAS BRIDGE
PROJ. CONST. MNGR.: CHRIS TRINIDAD

	ITEM 5		ITEM 6	
	INSTALL MICRODUCT & INSTALL, TEST & INTEGRATE 24 STRANDS OF AIR BLOWN FIBER OPTIC CABLE IN EXISTING PVC CONDUITS (CONTINGENCY ITEM)		INSTALL PULL BOX (CONTINGENCY ITEM)	
	Lin. Ft. Approx. Qty. =	600	Each Approx. Qty. =	2
ENGINEERING ESTIMATE	\$ 25.00	\$15,000.00	\$ 5,900.00	\$11,800.00
1) S.H.E. ENGR & CONST GROUP, INC.	\$ 18.51	\$11,106.00	\$ 6,250.00	\$12,500.00
2) ROYAL ELECTRIC	\$ 19.40	\$11,640.00	\$ 6,600.00	\$13,200.00
3) HP COMMUNICATIONS, INC.	\$ 14.35	\$8,610.00	\$ 4,500.00	\$9,000.00
4) TETRA TECH, INC.	\$ 23.75	\$14,250.00	\$ 7,500.00	\$15,000.00
5) NEUBAUER ELECTRIC, INC.	\$ 10.14	\$6,084.00	\$ 7,000.00	\$14,000.00
6) WESTERN GROUP, INC.	\$ 20.00	\$12,000.00	\$ 5,000.00	\$10,000.00
7) J. FLETCHER CREAMER & SON, INC.	\$ 21.00	\$12,600.00	\$ 4,630.00	\$9,260.00
8) TEAM FISHEL	\$ 23.08	\$13,848.00	\$ 7,221.61	\$14,443.22
9) HENKELS & MCCOY	\$ 18.00	\$10,800.00	\$ 15,782.00	\$31,564.00
10) ROSENDIN ELECTRIC, INC.	\$ 1,362.00	* \$8,172.00 \$817,200.00	\$ 10,604.00	\$21,208.00
1) AVERAGE BID	\$153.02	\$91,813.80	\$7,508.76	\$15,017.52
2) STANDARD DEVIATION	\$ 424.81	\$ 254,886.10	\$ 3,406.08	\$ 6,812.16
3) ENG. EST. - LOW BIDDER	\$ 6.49	\$ 3,894.00	\$ (350.00)	\$ (700.00)

* AS IN BID

SPECIFICATION NO. 2720A
FIBER OPTIC NETWORK - PH I & VINCENT
THOMAS BRIDGE
PROJ. CONST. MNGR.: CHRIS TRINIDAD

	ITEM 7		ITEM 8
	RAILROAD FLAG PERSON (CONTINGENCY ITEM)		EXCAVATE, REMO, & DISP OR RECY CA HAZ WASTE SOIL, RCRA HAZ WASTE SOIL, OR CONT/NON-HAZ WASTE SOIL OR CONTAMINATED WATER (ALLOWANCE ITEM)
	Days Approx. Qty. =	10	
ENGINEERING ESTIMATE	\$ 650.00	\$6,500.00	\$ 100,000.00
1) S.H.E. ENGR & CONST GROUP, INC.	\$ 625.00	\$6,250.00	\$ 100,000.00
2) ROYAL ELECTRIC	\$ 850.00	\$8,500.00	\$ 100,000.00
3) HP COMMUNICATIONS, INC.	\$ 800.00	\$8,000.00	\$ 100,000.00
4) TETRA TECH, INC.	\$ 800.00	\$8,000.00	\$ 100,000.00
5) NEUBAUER ELECTRIC, INC.	\$ 276.00	\$2,760.00	\$100,000.00
6) WESTERN GROUP, INC.	\$ 500.00	\$5,000.00	\$ 100,000.00
7) J. FLETCHER CREAMER & SON, INC.	\$ 1,150.00	\$11,500.00	\$ 100,000.00
8) TEAM FISHEL	\$ 978.96	\$9,789.60	\$100,000.00
9) HENKELS & MCCOY	\$ 1,000.00	\$10,000.00	\$100,000.00
10) ROSENDIN ELECTRIC, INC.	\$ 935.00	\$9,350.00	\$ 100,000.00
1) AVERAGE BID	\$791.50	\$7,914.96	\$100,000.00
2) STANDARD DEVIATION	\$ 260.28	\$ 2,602.84	\$ -
3) ENG. EST. - LOW BIDDER	\$ 25.00	\$ 250.00	\$ -

* AS IN BID


SPECIFICATION NO. 2720A
FIBER OPTIC NETWORK - PH I & VINCENT
THOMAS BRIDGE
PROJ. CONST. MNGR.: CHRIS TRINIDAD

	ITEM 9		ITEM 10	
	REMOVE & REALIGN INTERFERING UNDERGROUND UTILITIES & MODIFY UTILITIES & UNFORESEEN REMOVALS (ALLOWANCE ITEM)		CALTRANS STANDARD ENCROACHMENT PERMIT, INSPECTION & ACCESS (ALLOWANCE ITEM)	
ENGINEERING ESTIMATE	\$	100,000.00	\$	100,000.00
1) S.H.E. ENGR & CONST GROUP, INC.	\$	100,000.00	\$	100,000.00
2) ROYAL ELECTRIC	\$	100,000.00	\$	100,000.00
3) HP COMMUNICATIONS, INC.	\$	100,000.00	\$	100,000.00
4) TETRA TECH, INC.	\$	100,000.00	\$	100,000.00
5) NEUBAUER ELECTRIC, INC.	\$	100,000.00	\$	100,000.00
6) WESTERN GROUP, INC.	\$	100,000.00	\$	100,000.00
7) J. FLETCHER CREAMER & SON, INC.	\$	100,000.00	\$	100,000.00
8) TEAM FISHEL	\$	100,000.00	\$	100,000.00
9) HENKELS & MCCOY	\$	100,000.00	\$	100,000.00
10) ROSENDIN ELECTRIC, INC.	\$	100,000.00	\$	100,000.00
1) AVERAGE BID		\$100,000.00		\$100,000.00
2) STANDARD DEVIATION	\$	-	\$	-
3) ENG. EST. - LOW BIDDER	\$	-	\$	-

* AS IN BID

SPECIFICATION NO. 2720A
FIBER OPTIC NETWORK - PH I & VINCENT
THOMAS BRIDGE
PROJ. CONST. MNGR.: CHRIS TRINIDAD

	GRAND TOTAL BID ITEMS 1 - 10
ENGINEERING ESTIMATE	\$2,285,250.00
1) S.H.E. ENGR & CONST GROUP, INC.	\$1,856,556.00
2) ROYAL ELECTRIC	\$2,015,240.00
3) HP COMMUNICATIONS, INC.	\$2,070,183.00
4) TETRA TECH, INC.	\$2,178,921.00
5) NEUBAUER ELECTRIC, INC.	* \$2,395,569.00 \$2,394,914.00
6) WESTERN GROUP, INC.	\$2,500,000.00
7) J. FLETCHER CREAMER & SON, INC.	\$2,656,360.00
8) TEAM FISHEL	\$3,149,364.44
9) HENKELS & MCCOY	\$3,441,962.00
10) ROSENDIN ELECTRIC, INC.	* \$3,747,465.00 \$4,556,493.00
1) AVERAGE BID	\$2,681,999.34
2) STANDARD DEVIATION	\$ 828,601.95
3) ENG. EST. - LOW BIDDER	\$ 428,694.00



SHAUN SHAHRESTANI
 CHIEF HARBOR ENGINEER
 CONSTRUCTION DIVISION

* AS IN BID