

T A B U L A T I O N O F B I D S

PROJECT: KEA'AU-HAHOA RD., PARADISE PARK SECTION, PHASES II & III			
FEDERAL AID PROJECT NO.: RS-0130(24)			
ISLAND: HAWAII DISTRICT: PUNA NET LENGTH OF PROJECT: 3.36 MILES	METCALF CONSTRUCTION COMPANY, INC.	JAS. W. GLOVER, LTD.	STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
TYPE CODES: I000, Y060			
DATE ADVERTISED: HONOLULU STAR BULLETIN - JUNE 9, 2000 HAWAII TRIBUNE HERALD - JUNE 9, 2000			
BIDS OPENED: JUNE 30, 2000 COMPLETION TIME: TWO-HUNDRED EIGHTY (280) WORKING DAYS			

ITEM NO.	ITEM	QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
	ROADWAY ITEMS								
203.0100	Roadway Excavation	30000	Cu. Yd.	\$18.65	\$559,500.00	\$16.00	\$480,000.00	\$42.00	\$1,260,000.00
203.0210	Borrow Excavation	6000	Cu. Yd.	\$22.95	\$137,700.00	\$71.00	\$426,000.00	\$38.00	\$228,000.00
209.1000	Erosion Control	F. A.	F. A.	F. A.	\$50,000.00	F. A.	\$50,000.00	F. A.	\$50,000.00
306.0100	Untreated Permeable Base Course	8100	Cu. Yd.	\$33.70	\$272,970.00	\$45.00	\$364,500.00	\$55.00	\$445,500.00
312.0100	Plant Mix Glassphalt Concrete Base Course	8200	Ton	\$65.90	\$540,380.00	\$48.30	\$396,060.00	\$67.00	\$549,400.00
401.0400	Asphalt Concrete Pavement, Mix No. IV	29000	Ton	\$56.25	\$1,631,250.00	\$53.65	\$1,555,850.00	\$79.00	\$2,291,000.00
401.0405	Pavement Smoothness Incentive	Allowance	Allowance	Allowance	\$29,000.00	Allowance	\$29,000.00	Allowance	\$29,000.00
401.0410	Asphalt Concrete Pavement, Mix No. V	2900	Ton	\$67.95	\$197,055.00	\$66.80	\$193,720.00	\$75.00	\$217,500.00
401.0700	AC Rumble Strip	42000	Lin. Ft.	\$0.10	\$4,200.00	\$0.30	\$12,600.00	\$1.08	\$45,360.00
603.9001	Culvert Extensions and Headwalls at Station 105+10	L.S.	L.S.	L.S.	\$6,000.00	L.S.	\$22,400.00	L.S.	\$35,000.00
603.9002	Culvert Extensions and Headwalls at Station 147+65	L.S.	L.S.	L.S.	\$10,000.00	L.S.	\$21,150.00	L.S.	\$45,000.00
604.0100	Adjust Water Valve Box	1	Each	\$500.00	\$500.00	\$650.00	\$650.00	\$600.00	\$600.00
604.1001	Drainage Facility at Ainaloa Blvd.	L.S.	L.S.	L.S.	\$15,000.00	L.S.	\$83,000.00	L.S.	\$150,000.00
604.4265	Adjust Manhole Frame and Cover	7	Each	\$560.00	\$3,920.00	\$687.00	\$4,809.00	\$654.00	\$4,578.00
606.3110	Guardrail, Type 3 - Single with Steel Post	3928	Lin. Ft.	\$25.50	\$100,164.00	\$28.50	\$111,948.00	\$31.00	\$121,768.00
606.7100	Terminal Section, Type A Modified	2	Each	\$5,725.00	\$11,450.00	\$5,815.00	\$11,630.00	\$5,320.00	\$10,640.00
606.7200	Terminal Section, Type G	2	Each	\$1,755.00	\$3,510.00	\$1,785.00	\$3,570.00	\$1,700.00	\$3,400.00
606.7100	Terminal Section, Type FLEAT 350 or ET2000	12	Each	\$3,615.00	\$43,380.00	\$3,670.00	\$44,040.00	\$5,320.00	\$63,840.00
607.0200	Relocate Existing Fence to New Property Line	1000	Lin. Ft.	\$6.40	\$6,400.00	\$32.00	\$32,000.00	\$35.00	\$35,000.00
612.0200	Grouted Rubble Paving	150	Cu. Yd.	\$425.00	\$63,750.00	\$440.00	\$66,000.00	\$650.00	\$97,500.00
613.0110	Reconstruct Centerline and Reference Survey Monuments	26	Each	\$445.00	\$11,570.00	\$525.00	\$13,650.00	\$575.00	\$14,950.00
621.4020	Reflector Marker (RM-2) with Flex Post	51	Each	\$58.50	\$2,983.50	\$60.00	\$3,060.00	\$55.00	\$2,805.00

T A B U L A T I O N   O F   B   I D S

PROJECT: KEA'AU-PAHOA RD., PARADISE PARK SECTION, PH. 2S II & III  FEDERAL AID PROJECT NO.: RS-0130(24)  ISLAND: HAWAII      DISTRICT: PUNA      NET LENGTH OF PROJECT: 3.36 MILES  TYPE CODES: I000, Y060  DATE ADVERTISED: HONOLULU STAR BULLETIN - JUNE 9, 2000 HAWAII TRIBUNE HERALD - JUNE 9, 2000  BIDS OPENED: JUNE 30, 2000      COMPLETION TIME: TWO-HUNDRED EIGHTY (280) WORKING DAYS	METCALF CONSTRUCTION COMPANY, INC.	JAS. W. GLOVER, LTD.	STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
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ITEM NO.	ITEM	QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
621.4030	Reflector Marker (RM-3)	16	Each	\$11.70	\$187.20	\$12.00	\$192.00	\$8.17	\$130.72
621.4037	Reflector Marker (RM-3 Bi) with Flex Post	4	Each	\$58.50	\$234.00	\$60.00	\$240.00	\$55.00	\$220.00
621.4312	Reflector Marker (RM-4)	7	Each	\$90.40	\$632.80	\$92.00	\$644.00	\$60.00	\$420.00
621.5000	Regulatory and Warning Sign (10 Sq. Ft. or Less) with Post	39	Each	\$275.00	\$10,725.00	\$275.00	\$10,725.00	\$250.00	\$9,750.00
621.5100	Regulatory and Warning Sign (10 Sq. Ft. or less)	36	Each	\$105.00	\$3,780.00	\$110.00	\$3,960.00	\$80.00	\$2,880.00
621.5200	Regulatory and Warning Sign (Greater than 10 Sq. Ft.) with Posts	2	Each	\$580.00	\$1,160.00	\$585.00	\$1,170.00	\$380.00	\$760.00
621.6100	State Route Marker Assembly (Type A) with Post	4	Each	\$265.00	\$1,060.00	\$270.00	\$1,080.00	\$350.00	\$1,400.00
621.7120	Construction Sign with Two Posts	10	Each	\$410.00	\$4,100.00	\$630.00	\$6,300.00	\$550.00	\$5,500.00
621.7620	Mile Post Marker and Route Number Plate (with Post)	4	Each	\$215.00	\$860.00	\$215.00	\$860.00	\$150.00	\$600.00
622.0010	Relocate Existing Highway Lighting Standard	2	Each	\$1,065.00	\$2,130.00	\$1,100.00	\$2,200.00	\$1,000.00	\$2,000.00
629.1011	4-Inch Pavement Striping (Thermoplastic Extrusion)	50609	Lin. Ft.	\$0.80	\$40,487.20	\$0.80	\$40,487.20	\$1.50	\$75,913.50
629.1012	Double 4-Inch Pavement Striping (Thermoplastic Extrusion)	19590	Lin. Ft.	\$1.20	\$23,508.00	\$1.25	\$24,487.50	\$2.00	\$39,130.00
629.1013	8-Inch Pavement Striping (Thermoplastic Extrusion)	2096	Lin. Ft.	\$1.10	\$2,305.60	\$1.10	\$2,305.60	\$1.50	\$3,144.00
629.1015	12-Inch Pavement Striping (Thermoplastic Extrusion)	3808	Lin. Ft.	\$1.80	\$6,854.40	\$1.80	\$6,854.40	\$2.51	\$9,558.08
629.1035	4-Inch Guide Lines and/or Edge Lines Extension Stripe (Thermoplastic Extrusion)	3165	Lin. Ft.	\$0.80	\$2,532.00	\$0.80	\$2,532.00	\$1.51	\$4,779.15
629.1040	Pavement Arrow (Thermoplastic Extrusion)	37	Each	\$100.00	\$3,700.00	\$101.00	\$3,737.00	\$153.76	\$5,689.12
629.1050	Pavement Words (Thermoplastic Extrusion)	9	Each	\$295.00	\$2,655.00	\$300.00	\$2,700.00	\$514.12	\$4,627.08
629.1060	Crosswalk Markings (Thermoplastic Extrusion)	12	Lane	\$135.00	\$1,620.00	\$135.00	\$1,620.00	\$500.00	\$6,000.00
629.2010	Type A Pavement Marker	206	Each	\$4.50	\$927.00	\$4.60	\$947.60	\$6.81	\$1,402.86
629.2030	Type C Pavement Marker	1209	Each	\$5.20	\$6,286.80	\$5.25	\$6,347.25	\$6.17	\$7,459.53
629.2040	Type D Pavement Marker	461	Each	\$5.00	\$2,305.00	\$5.10	\$2,351.10	\$5.93	\$2,733.73

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PROJECT: KEA'AU-LILOA RD., PARADISE PARK SECTION, PHASES II & III  
 FEDERAL AID PROJECT NO.: RS-0130(24)  
 ISLAND: HAWAII DISTRICT: PUNA NET LENGTH OF PROJECT: 3.36 MILES  
 TYPE CODES: I000, Y060  
 DATE ADVERTISED: HONOLULU STAR BULLETIN - JUNE 9, 2000  
 HAWAII TRIBUNE HERALD - JUNE 9, 2000  
 BIDS OPENED: JUNE 30, 2000 COMPLETION TIME: TWO-HUNDRED EIGHTY (280) WORKING DAYS

METCALF CONSTRUCTION  
 COMPANY, INC.

JAS. W. GLOVER, LTD.

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

ITEM NO.	ITEM	QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
629.2050	Type H Pavement Marker	829	Each	\$4.75	\$3,937.75	\$4.85	\$4,020.65	\$5.71	\$4,733.59
629.2060	Type J Pavement Marker	672	Each	\$4.60	\$3,091.20	\$4.70	\$3,158.40	\$6.81	\$4,576.32
632.8020	Relocate Mailboxes and Newspaper Dispensers	8	Each	\$280.00	\$2,240.00	\$250.00	\$2,000.00	\$100.00	\$800.00
636.0201	Field Office 12' x 32' (Not to exceed \$32,000)	L.S.	L.S.	L.S.	\$32,000.00	L.S.	\$16,400.00	L.S.	\$32,000.00
638.0100	Cellular Phone (2 Each)	F.A.	F.A.	F.A.	\$2,000.00	F.A.	\$2,000.00	F.A.	\$2,000.00
645.0200	Additional Police Officers and/or Additional Traffic Control Devices	F.A.	F.A.	F.A.	\$150,000.00	F.A.	\$150,000.00	F.A.	\$150,000.00
645.0300	Maintenance of Detours	F.A.	F.A.	F.A.	\$300,000.00	F.A.	\$300,000.00	F.A.	\$300,000.00
699.1000	Mobilization (Not to Exceed 10 Percent of the Sum of Roadway Items Excluding the Bid Price of this Item, Field Office, Force Account Items, and Allowances)	L.S.	L.S.	L.S.	\$375,000.00	L.S.	\$234,822.30	L.S.	\$580,780.00
	Sum of All Roadway Items				**\$4,687,001.45		\$4,759,779.00		\$6,959,878.68
	County Department of Water Supply								
624.0101	12" D.I. Pipe	11490	L.F.	\$72.60	\$834,174.00	\$84.60	\$972,054.00	\$120.00	\$1,378,800.00
624.0102	8" D.I. Pipe	230	L.F.	\$64.80	\$14,904.00	\$75.50	\$17,365.00	\$100.00	\$23,000.00
624.0104	12" Butterfly Valve, 250# M.J. and Valve Box	15	Each	\$3,130.00	\$46,950.00	\$3,470.00	\$52,050.00	\$3,000.00	\$45,000.00
624.0105	8" Gate Valve 200# M.J. and valve Box	3	Each	\$820.00	\$2,460.00	\$970.00	\$2,910.00	\$1,100.00	\$3,300.00
624.0106	12"x12"x12" Tee M.J.	1	Each	\$450.00	\$450.00	\$540.00	\$540.00	\$500.00	\$500.00
624.0107	12"x12"x8" Tee, M.J.	3	Each	\$350.00	\$1,050.00	\$430.00	\$1,290.00	\$475.00	\$1,425.00
624.0110	12" 1/4 Bend, M.J.	1	Each	\$330.00	\$330.00	\$430.00	\$430.00	\$450.00	\$450.00
624.0111	12" D.I. Solid Body Sleeve, M.J.	2	Each	\$225.00	\$450.00	\$270.00	\$540.00	\$500.00	\$1,000.00
624.0113	6" F.H. Unit Layout "A", Same Side as Main	6	Each	\$2,570.00	\$15,420.00	\$3,400.00	\$20,400.00	\$6,000.00	\$36,000.00
624.0114	6" F.H. Unit Layout "B" Same Side as Main	1	Each	\$3,125.00	\$3,125.00	\$3,730.00	\$3,730.00	\$5,000.00	\$5,000.00
624.0115	6" F.H. Unit Layout "B" Opposite Side of Main	7	Each	\$3,680.00	\$25,760.00	\$9,040.00	\$63,280.00	\$8,000.00	\$56,000.00

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 ISLAND: HAWAII DISTRICT: PUNA NET LENGTH OF PROJECT: 3.36 MILES  
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STATE OF HAWAII  
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 HIGHWAYS DIVISION

ITEM NO.	ITEM	QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
624.0116	1" Type "A" Copper Service Lateral, Same Side as Main	5	Each	\$330.00	\$1,650.00	\$380.00	\$1,900.00	\$1,700.00	\$8,500.00
624.0117	1" Type "A" Copper Service Lateral, Opposite Side of Main	1	Each	\$1,885.00	\$1,885.00	\$7,070.00	\$7,070.00	\$3,000.00	\$3,000.00
624.0118	1 1/4" Type "A" Copper Service Lateral, Same Side as Main	4	Each	\$400.00	\$1,600.00	\$490.00	\$1,960.00	\$2,000.00	\$8,000.00
624.0119	1 1/4" Type "C" Copper Service Lateral, Opposite Side of Main	11	Each	\$2,030.00	\$22,330.00	\$7,430.00	\$81,730.00	\$4,000.00	\$44,000.00
624.0120	2" Cleanout Unit and Box	4	Each	\$1,140.00	\$4,560.00	\$1,227.00	\$4,908.00	\$1,100.00	\$4,400.00
624.0121	1" Air Relief Valve Unit and Box	16	Each	\$985.00	\$15,760.00	\$1,010.00	\$16,160.00	\$1,200.00	\$19,200.00
624.0122	Remove and Salvage Existing 2" Cleanout Unit	2	Each	\$225.00	\$450.00	\$270.00	\$540.00	\$1,000.00	\$2,000.00
624.0123	Remove and Salvage Existing 1" Air Relief Valve Unit	1	Each	\$225.00	\$225.00	\$270.00	\$270.00	\$500.00	\$500.00
624.0126	Relocate 1" Air Valve Unit and Box	1	Each	\$670.00	\$670.00	\$780.00	\$780.00	\$1,400.00	\$1,400.00
624.0127	Relocate 12" Butterfly Valve, 250# M.J. and Valve Box	1	Each	\$2,225.00	\$2,225.00	\$3,170.00	\$3,170.00	\$3,500.00	\$3,500.00
624.0128	Chlorination of HPP Pipeline and Appurtenances	L.S.	L.S.	L.S.	\$8,100.00	L.S.	\$5,950.00	L.S.	\$9,000.00
699.2000	Mobilization (Not to Exceed 10 Percent of the Sum of DWS Items Excluding the Bid Price of this Item)	L.S.	L.S.	L.S.	\$27,775.00	L.S.	\$104,290.00	L.S.	\$155,942.50
	Sum of All Department of Water Supply Items				\$1,032,303.00		\$1,363,317.00		\$1,809,917.50
	Department of Hawaiian Home Lands								
624.0201	12" D.I. Pipe	2250	L.F.	\$72.60	\$163,350.00	\$84.30	\$189,675.00	\$120.00	\$270,000.00
624.0204	12" Butterfly Valve, 250# M.J. and Valve Box	3	Each	\$3,130.00	\$9,390.00	\$3,470.00	\$10,410.00	\$3,000.00	\$9,000.00
624.0209	16"x12" Reducer	1	Each	\$1,100.00	\$1,100.00	\$1,250.00	\$1,250.00	\$760.00	\$760.00
624.0210	12" 1/4 Bend, M.J.	1	Each	\$330.00	\$330.00	\$430.00	\$430.00	\$450.00	\$450.00
624.0211	12" D.I. Solid Body Sleeve, M.J.	2	Each	\$225.00	\$450.00	\$270.00	\$540.00	\$500.00	\$1,000.00
624.0220	2" Cleanout Unit and Box and 12" Cap Tapped 2" IPT	2	Each	\$910.00	\$1,820.00	\$1,227.00	\$2,454.00	\$1,100.00	\$2,200.00

T A B U L A T I O N O F B I D S

PROJECT: KEA'AU-KAHOA RD., PARADISE PARK SECTION, PAGES II & III

FEDERAL AID PROJECT NO.: RS-0130(24)

ISLAND: HAWAII DISTRICT: PUNA NET LENGTH OF PROJECT: 3.36 MILES

TYPE CODES: I000, Y060

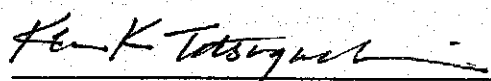
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HAWAII TRIBUNE HERALD - JUNE 9, 2000

BIDS OPENED: JUNE 30, 2000 COMPLETION TIME: TWO-HUNDRED EIGHTY (280) WORKING DAYS

METCALF CONSTRUCTION  
COMPANY, INC.

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HIGHWAYS DIVISION

ITEM NO.	ITEM	QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
624.0221	1" Air Relief Valve Unit and Box	3	Each	\$985.00	\$2,955.00	\$1,010.00	\$3,030.00	\$1,200.00	\$3,600.00
624.0224	Chlorination of DHHL Pipeline and Appurtenances	L.S.	L.S.	L.S.	\$1,890.00	L.S.	\$2,215.00	L.S.	\$2,000.00
624.0226	Chlorination of Maku'u Farmlot's Pipeline and Appurtenances	L.S.	L.S.	L.S.	\$3,270.00	L.S.	\$10,850.00	L.S.	\$8,000.00
624.0228	Pressure Testing of Maku'u Farm Lot's Pipeline and Appurtenances	L.S.	L.S.	L.S.	\$8,335.00	L.S.	\$9,200.00	L.S.	\$7,000.00
624.0230	Leak Repair of Maku'u Farm Lot's Pipeline and Appurtenances	F.A.	F.A.	F.A.	\$38,000.00	F.A.	\$38,000.00	F.A.	\$38,000.00
699.3000	Mobilization (Not to Exceed 10 Percent of the Sum of DHHL Items Excluding the Bid Price of this Item, and Force Account Item)	L.S.	L.S.	L.S.	\$11,110.00	L.S.	\$19,150.00	L.S.	\$24,601.00
	Sum of All Department of Hawaiian Home Lands Items				\$242,000.00		\$287,204.00		\$366,611.00
	a. Sum Of All Items (Roadway + DWS + DHHL)				**5,961,304.45		\$6,410,300.00		\$9,136,407.18
	b. Furnish domestic steel; and/or foreign steel not to exceed minimal amount. (Fill in "0")				\$0.00		\$0.00		\$0.00
	c. Furnish foreign steel in excess of minimal amount (25% x a)				\$0.00		\$0.00		\$0.00
	d. Amount for Comparison of Bids (a + b or a + c)				**5,961,304.45		\$6,410,300.00		\$9,136,407.18
	*All bidders must fill in either b or c, and complete d.								
	** Corrected figure								
	I certify that this is a true and correct tabulation of bids opened for this project.								
	 Ken K. Tatsuguchi, Project Manager			7-26-00 Date					