

PROJECT: KAMEHAMEHA HIGHWAY-HELEMANO/WATALUA JUNCTION TO HALEIWA BEACH PARK (STRUCTURES) FEDERAL AID PROJECT NO.: F-083-1(24) ISLAND: OAHU DATE ADVERTISED: NOVEMBER 9, 1990 BIDS OPENED: DECEMBER 6, 1990 COMPLETION TIME: TWO HUNDRED EIGHTY (280) WORKING DAYS				PACIFIC CONSTRUCTION CO.		KIEWIT PACIFIC CO.		DILLINGHAM CONSTRUCTION PACIFIC, CO.		STATE	
ITEM NO.	ITEM	QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
107.1700	PROTECTIVE MEASURES FOR ARCHAEOLOGICAL AND PALEONTOLOGICAL FINDINGS	F.A.	F.A.	F.A.	10,000.00	F.A.	10,000.00	F.A.	10,000.00	F.A.	10,000.00
203.0210	IMPORTED BORROW	31,700	CU YD	19.00	602,300.00	14.00	443,800.00	10.00	317,000.00	12.00	380,400.00
	<u>HELEMANO STREAM VIADUCT</u> <u>(BASIC BID)</u>										
206.6001	STRUCTURE EXCAVATION FOR BRIDGES	7,670	CU YD	35.00	268,450.00	15.50	118,885.00	27.70	212,459.00	75.00	575,250.00
206.7201	STRUCTURE BACKFILL FOR BRIDGE ABUTMENTS, WINGWALLS AND PILE CAPS	3,220	CU YD	17.00	54,740.00	70.00	225,400.00	114.70	369,334.00	55.00	177,100.00
206.8211	FILTER MATERIAL AT ABUTMENT AND WINGWALLS	96	CU YD	93.00	8,928.00	79.00	7,584.00	138.00	13,248.00	75.00	7,200.00
503.1901	CONCRETE IN BRIDGES (EXCEPT FOOTINGS)	L.S.	L.S.	L.S.	4,962,654.00	L.S.	3,562,000.00	L.S.	3,355,728.00	L.S.	3,041,500.00
503.1941	CONCRETE IN BRIDGE FOOTINGS	L.S.	L.S.	L.S.	881,797.00	L.S.	1,454,000.00	L.S.	1,100,000.00	L.S.	1,609,200.00

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504.4501	KEEHI TYPE IV PRESTRESSED CONCRETE GIRDERS	9,450	LIN FT	145.00	1,370,250.00	191.00	1,804,950.00	184.00	1,738,800.00	152.00	1,436,400.00
505.0011	STATIC PILE LOAD TEST	8	EACH	21,000.00	168,000.00	20,000.00	160,000.00	25,000.00	200,000.00	30,000.00	240,000.00
505.0431	PRECAST, PRESTRESSED CONCRETE PILES, FURNISHED	32,160	LIN FT	19.00	611,040.00	19.00	611,040.00	18.50	594,960.00	25.00	804,000.00
505.4301	PRECAST, PRESTRESSED CONCRETE PILES, DRIVEN	28,840	LIN FT	12.00	346,080.00	16.00	461,440.00	6.00	173,040.00	20.00	576,800.00
505.9001	BUILD-UPS OF PILES	F.A.	F.A.	F.A.	60,000.00	F.A.	60,000.00	F.A.	60,000.00	F.A.	60,000.00
507.7101	METAL BRIDGE RAILING - ONE RAIL ON PARAPET	2,380	LIN FT	29.00	69,020.00	45.00	107,100.00	140.00	333,200.00	19.00	45,220.00
511.0101	DECK EXPANSION JOINT	380	LIN FT	97.00	36,860.00	200.00	76,000.00	215.00	81,700.00	280.00	106,400.00
602.1301	REINFORCING STEEL IN BRIDGES <u>OPAEULA STREAM BRIDGE</u> <u>(BASIC BID)</u>	L.S.	L.S.	L.S.	108,745.00	L.S.	1,108,000.00	L.S.	1,109,000.00	L.S.	2,480,000.00
206.6002	STRUCTURE EXCAVATION FOR BRIDGES	330	CU YD	35.00	11,550.00	11.50	3,795.00	29.00	9,570.00	75.00	24,750.00

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206.7202	STRUCTURE BACKFILL FOR BRIDGE ABUTMENTS, WINGWALLS AND PILE CAPS	150	CU YD	17.00	2,550.00	70.00	10,500.00	53.00	7,950.00	55.00	8,250.00
206.8212	FILTER MATERIAL AT ABUTMENT AND WINGWALLS	54	CU YD	93.00	5,022.00	79.00	4,266.00	138.00	7,452.00	75.00	4,050.00
503.1902	CONCRETE IN BRIDGES (EXCEPT FOOTINGS)	L.S.	L.S.	L.S.	575,579.00	L.S.	317,000.00	L.S.	272,280.00	L.S.	188,000.00
503.1942	CONCRETE IN BRIDGE FOOTINGS	L.S.	L.S.	L.S.	56,556.00	L.S.	39,000.00	L.S.	43,000.00	L.S.	50,400.00
504.4502	KEEHI TYPE VI PRESTRESSED CONCRETE GIRDERS	854	LIN FT	234.00	199,836.00	306.00	261,324.00	321.00	274,134.00	230.00	196,400.00
505.0012	STATIC PILE LOAD TEST	1	EACH	26,250.00	26,250.00	20,000.00	20,000.00	35,000.00	35,000.00	30,000.00	30,000.00
505.0432	PRECAST, PRESTRESSED CONCRETE PILES, FURNISHED	3,476	LIN FT	19.00	66,044.00	19.00	66,044.00	18.50	64,306.00	25.00	86,900.00
505.4302	PRECAST, PRESTRESSED CONCRETE PILES, DRIVEN	3,216	LIN FT	12.00	38,592.00	16.00	51,456.00	6.00	19,296.00	20.00	64,320.00

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505.9002	BUILD-UPS OF PILES	F.A.	F.A.	F.A.	8,000.00	F.A.	8,000.00	F.A.	8,000.00	F.A.	8,000.00
507.7102	METAL BRIDGE RAILING - ONE RAIL ON PARAPET	240	LIN FT	31.00	7,440.00	45.00	10,800.00	174.00	41,760.00	19.00	4,560.00
602.1302	REINFORCING STEEL IN BRIDGES	L.S.	L.S.	L.S.	42,654.00	L.S.	43,000.00	L.S.	42,700.00	L.S.	110,000.00
612.0102	GROUTED RUBBLE PAVING <u>CANE HAUL ROAD BRIDGE</u> <u>(BASIC BID)</u>	450	CU YD	348.00	156,600.00	250.00	112,500.00	258.00	116,100.00	300.00	135,000.00
206.6003	STRUCTURE EXCAVATION FOR BRIDGES	2,400	CU YD	35.00	84,000.00	11.50	27,600.00	19.00	45,600.00	75.00	180,000.00
206.7203	STRUCTURE BACKFILL FOR BRIDGE ABUTMENTS, WINGWALLS AND PILE CAPS	640	CU YD	17.00	10,880.00	70.00	44,800.00	56.00	35,840.00	55.00	35,200.00
206.8213	FILTER MATERIAL AT ABUTMENT AND WINGWALLS	95	CU YD	93.00	8,835.00	79.00	7,505.00	138.00	13,110.00	75.00	7,125.00
503.1903	CONCRETE IN BRIDGES (EXCEPT FOOTINGS)	L.S.	L.S.	L.S.	656,529.00	L.S.	317,000.00	L.S.	636,123.00	L.S.	240,000.00

SHT. NO. 4 OF 10 SHTS.

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503.1943	CONCRETE IN BRIDGE FOOTINGS	L.S.	L.S.	L.S.	116,222.00	L.S.	148,000.00	L.S.	130,000.00	L.S.	260,000.00
504.3203	AASHTO TYPE III PRESTRESSED CONCRETE GIRDERS	910	LIN FT	161.00	146,510.00	197.00	179,270.00	184.00	167,440.00	138.00	125,580.00
505.0013	STATIC PILE LOAD TEST	1	EACH	26,250.00	26,250.00	20,000.00	20,000.00	35,000.00	35,000.00	30,000.00	30,000.00
505.0433	PRECAST, PRESTRESSED CONCRETE PILES, FURNISHED	12,301	LIN FT	19.00	233,719.00	19.00	233,719.00	18.50	227,568.50	25.00	307,525.00
505.4303	PRECAST, PRESTRESSED CONCRETE PILES, DRIVEN	12,124	LIN FT	12.00	145,488.00	16.00	193,984.00	6.00	72,744.00	20.00	242,480.00
505.9003	BUILD-UPS OF PILES	F.A.	F.A.	F.A.	15,000.00	F.A.	15,000.00	F.A.	15,000.00	F.A.	15,000.00
507.7103	METAL BRIDGE RAILING - ONE RAILING ON PARAPET	320	LIN FT	31.00	9,920.00	45.00	14,400.00	135.00	43,200.00	19.00	6,080.00
602.1303	REINFORCING STEEL IN BRIDGES	L.S.	L.S.	L.S.	171,540.00	L.S.	172,000.00	L.S.	172,000.00	L.S.	217,000.00
612.0103	GROUTED RUBBLE PAVING	360	CU YD	252.00	90,720.00	250.00	90,000.00	254.00	91,440.00	300.00	108,000.00

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	<u>ANAHULU RIVER BRIDGE</u> <u>(BASIC BID)</u>										
206.6004	STRUCTURE EXCAVATION FOR BRIDGES	3,400	CU YD	35.00	119,000.00	22.00	74,800.00	38.00	129,200.00	75.00	225,975.00
206.7204	STRUCTURE BACKFILL FOR BRIDGE ABUTMENTS, WINGWALLS AND PILE CAPS	790	CU YD	17.00	13,430.00	77.00	60,830.00	57.00	45,030.00	55.00	43,450.00
206.8214	FILTER MATERIAL AT ABUTMENTS AND WINGWALLS	90	CU YD	93.00	8,370.00	79.00	7,110.00	138.00	12,420.00	75.00	6,750.00
503.1904	CONCRETE IN BRIDGES (EXCEPT FOOTINGS)	L.S.	L.S.	L.S.	909,416.00	L.S.	829,000.00	L.S.	1,215,838.00	L.S.	310,000.00
503.1944	CONCRETE IN BRIDGE FOOTINGS	L.S.	L.S.	L.S.	165,243.00	L.S.	424,000.00	L.S.	365,000.00	L.S.	380,000.00
504.4504	KEEHI TYPE IV PRESTRESSED CONCRETE GIRDERS	1,582	LIN FT	152.00	240,464.00	193.00	305,326.00	190.00	300,580.00	152.00	240,464.00
505.0014	STATIC PILE LOAD TEST	1	EACH	26,250.00	26,250.00	20,000.00	20,000.00	35,000.00	35,000.00	30,000.00	30,000.00
505.0434	PRECAST, PRESTRESSED CONCRETE PILES, FURNISHED	9,494	LIN FT	19.00	180,386.00	19.00	180,386.00	18.50	175,639.00	25.00	237,350.00

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505.4304	PRECAST, PRESTRESSED CONCRETE PILES, DRIVEN	9,230	LIN FT	12.00	110,760.00	16.00	147,680.00	6.00	55,380.00	20.00	184,600.00
505.9004	BUILD-UPS OF PILES	F.A.	F.A.	F.A.	20,000.00	F.A.	20,000.00	F.A.	20,000.00	F.A.	20,000.00
507.7104	METAL BRIDGE RAILING - ONE RAIL ON PARAPET	512	LIN FT	30.00	15,360.00	45.00	23,040.00	133.00	68,096.00	19.00	9,728.00
602.1304	REINFORCING STEEL IN BRIDGES	L.S.	L.S.	L.S.	129,484.00	L.S.	130,000.00	L.S.	130,000.00	L.S.	274,000.00
612.0104	GROUTED RUBBLE PAVING	320	CU YD	257.00	82,240.00	250.00	80,000.00	254.00	81,280.00	300.00	96,000.00
	<u>UKOA POND BRIDGE (BASIC BID)</u>										
206.6005	STRUCTURE EXCAVATION FOR BRIDGES	600	CU YD	35.00	21,000.00	11.50	6,900.00	57.00	34,200.00	75.00	45,000.00
206.7205	STRUCTURE BACKFILL FOR BRIDGE ABUTMENTS, WINGWALLS AND PILE CAPS	230	CU YD	17.00	3,910.00	70.00	16,100.00	126.00	28,980.00	55.00	12,650.00
206.8215	FILTER MATERIAL AT ABUTMENTS AND WINGWALLS	72	CU YD	93.00	6,696.00	79.00	5,688.00	138.00	9,936.00	75.00	5,400.00

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503.1905	CONCRETE IN BRIDGES (EXCEPT FOOTINGS)	L.S.	L.S.	L.S.	1,025,234.00	L.S.	840,000.00	L.S.	1,033,000.00	L.S.	275,000.00
503.1945	CONCRETE IN BRIDGE FOOTINGS	L.S.	L.S.	L.S.	30,100.00	L.S.	34,000.00	L.S.	50,000.00	L.S.	55,000.00
504.3205	AASHTO TYPE III PRESTRESSED CONCRETE GIRDERS	1,680	LIN FT	150.00	252,000.00	187.00	314,160.00	180.00	302,400.00	138.00	231,840.00
505.0015	STATIC PILE LOAD TEST	1	EACH	21,000.00	21,000.00	20,000.00	20,000.00	35,000.00	35,000.00	30,000.00	30,000.00
505.0435	PRECAST, PRESTRESSED CONCRETE PILES, FURNISHED	573	LIN FT	19.00	10,887.00	19.00	10,887.00	18.50	10,600.50	25.00	14,325.00
505.4305	PRECAST, PRESTRESSED CONCRETE PILES, DRIVEN	558	LIN FT	12.00	6,696.00	16.00	8,928.00	6.00	3,348.00	20.00	11,160.00
505.9005	BUILD-UPS OF PILES	F.A.	F.A.	F.A.	5,000.00	F.A.	5,000.00	F.A.	5,000.00	F.A.	5,000.00
507.7105	METAL BRIDGE RAILING - ONE RAIL ON PARAPET	540	LIN FT	30.00	16,200.00	45.00	24,300.00	148.00	79,920.00	19.00	10,260.00
509.0605	CAST-IN-PLACE CONCRETE PILES IN DRILLED HOLES (DRILLED SHAFT	549	LIN FT	475.00	260,775.00	350.00	192,150.00	422.00	231,678.00	185.00	101,565.00

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602.1305	REINFORCING STEEL IN BRIDGES	L.S.	L.S.	L.S.	88,648.00	L.S.	89,000.00	L.S.	89,000.00	L.S.	182,000.00
612.0105	GROUTED RUBBLE PAVING	290	CU YD	271.00	78,590.00	250.00	72,500.00	241.00	69,890.00	300.00	87,000.00
636.0100	PROJECT SITE LABORATORY (NOT TO EXCEED \$22,000.00)	L.S.	L.S.	L.S.	22,000.00	L.S.	22,000.00	L.S.	22,000.00	L.S.	22,000.00
636.0200	FIELD OFFICE (12 X 32) (NOT TO EXCEED \$32,000.00)	L.S.	L.S.	L.S.	32,000.00	L.S.	32,000.00	L.S.	32,000.00	L.S.	32,000.00
639.0100	TEMPORARY PROJECT WATER POLLUTION CONTROL	F.A.	F.A.	F.A.	25,000.00	F.A.	25,000.00	F.A.	25,000.00	F.A.	25,000.00
697.0100	4-WHEEL DRIVE TRUCK (NOT TO EXCEED \$675.00 PER VEHICLE/MONTH)	14	VEH/MO.	675.00	9,450.00	675.00	9,450.00	675.00	9,450.00	675.00	9,450.00
697.0200	4-WHEEL DRIVE PASSENGER BLAZER (NOT TO EXCEED \$675.00 PER VEHICLE/MONTH)	14	VEH/MO.	675.00	9,450.00	675.00	9,450.00	675.00	9,450.00	675.00	9,450.00
698.0100	TRAINING (6 TRAINEES)	6,000	HOUR	0.80	4,800.00	0.80	4,800.00	0.80	4,800.00	0.80	4,800.00

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699.1000	MOBILIZATION (NOT TO EXCEED 10 PERCENT OF THE SUM OF ALL "BASIC BID" ITEMS EXCLUDING THIS ITEM AND ALL FORCE ACCOUNT ITEMS) SUM OF ALL ITEMS I certify that this is a true and correct tabulation of bids opened for this project. <i>Salvador T. Tiao</i> 12-20-90 Project Manager Date	L.S.	L.S.	L.S.	1,499,011.00	L.S.	1,548,124.00	L.S.	1,674,802.00	L.S.	1,734,831.00
					17,920,000.00		18,213,771.00		18,689,000.00		19,226,138.00