PROJECT NO.:  NET LENGTH: ISLAND: DISTRICT: TYPE CODE:  DATE ADVERTISED: BID OPENED:	0.25 Miles Oahu Waianae 04, 11, 43	** NOTE: Qua these columns a us	are for in-house			GRACE P/	ACIFIC LLC	***	NAN, INC.		FRASTRUCTURE ST CO.	DEPAR <sup>-</sup> TRANSP	DF HAWAII IMENT OF ORTATION 'S DIVISION
ITEMAIO	ITEM	**APPROX.	LINUTO	**APPROX.	LINITLICED	LINIT DDICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	LINIT DDIOE	AMOUNT
ITEM NO. 201.0110	ITEM Clearing and Grubbing	QUANTITY 2.8	UNITS AC	QUANTITY 2.8	UNIT USED AC	UNIT PRICE \$91,000.00	AMOUNT \$254,800.00	\$13,786.00	AMOUNT \$38,600.80	\$15,000.00	AMOUNT \$42,000.00	\$6,500.00	AMOUNT \$18,200.00
202.0100	Removal of Trees	16	EA	16	EA	\$2,500.00	\$40,000.00	\$778.00	\$12,448.00	\$2,000.00	\$32,000.00	\$500.00	\$8,000.00
202.0102	Removal of Existing Metal Guardrails (Bridge 3)	L.S.	L.S.	L.S.	L.S.	L.S.	\$3,000.00	L.S.	\$3,384.00	L.S.	\$3,400.00	L.S.	\$20,000.00
202.0103	Removal of Existing Metal Guardrails (Bridge 3A)	L.S.	L.S.	L.S.	L.S.	L.S.	\$3,000.00	L.S.	\$189,185.00	L.S.	\$2,700.00	L.S.	\$20,000.00
202.0104	Removal of Concrete Channel Liner (Bridge 3)	L.S.	L.S.	L.S.	L.S.	L.S.	\$80,000.00	L.S.	\$27,681.00	L.S.	\$26,300.00	L.S.	\$16,000.00
202.0105	Removal of Bypass Road (Including AC Pavement, Base Course, and Embankment Material)	4,600	S.Y.	4,600	S.Y.	\$25.00	\$115,000.00	\$48.50	\$223,100.00	\$75.00	\$345,000.00	\$5.00	\$23,000.00
202.0106	Removal of Temporary By-pass Road Bridge and Abutments (Bridge 3A)	L.S.	L.S.	L.S.	L.S.	L.S.	\$60,000.00	L.S.	\$353,144.00	L.S.	\$230,000.00	L.S.	\$90,000.00
202.0201	Removal of 18 Inch Drain Pipe	L.S.	LS	L.S.	LS	LS	\$3,000.00	LS	\$17,835.00	LS	\$1,700.00	LS	\$800.00
202.0202	Removal of Temporary 24-Inch Drain Pipe	L.S.	L.S.	L.S.	L.S.	L.S.	\$3,000.00	L.S.	\$72,256.00	L.S.	\$6,200.00	L.S.	\$2,000.00
202.0203	Removal of Temporary Storm Drain Manhole (Type B)	L.S.	L.S.	L.S.	L.S.	L.S.	\$3,000.00	L.S.	\$12,451.00	L.S.	\$12,600.00	L.S.	\$3,000.00
202.0204	Removal of Steel Sheet Piles, Walers and Tie Rods	L.S.	L.S.	L.S.	L.S.	L.S.	\$45,000.00	L.S.	\$97,221.00	L.S.	\$143,000.00	L.S.	\$75,000.00
202.0205	Removal of Temporary 8-Inch Water line	475	L.F.	475	L.F.	\$30.00	\$14,250.00	\$241.30	\$114,617.50	\$130.00	\$61,750.00	\$8.00	\$3,800.00
202.0206	Removal of Regulatory, Warning and Miscellaneous Signs and Posts	5	EA	5	EA	\$100.00	\$500.00	\$214.00	\$1,070.00	\$245.00	\$1,225.00	\$200.00	\$1,000.00
202.0207	Removal of 6-60 Inch Temporary Culverts	L.S.	L.S.	L.S.	L.S.	L.S.	\$10,000.00	L.S.	\$7,261.00	L.S.	\$61,400.00	L.S.	\$5,000.00
202.0208	Removal of Portable Barrier and Construction End Treatment	L.S.	L.S.	L.S.	L.S.	L.S.	\$10,000.00	L.S.	\$92,182.00	L.S.	\$12,000.00	L.S.	\$5,000.00
202.0209	Removal of Interim Pavement Striping and Markers, and Signs	L.S.	L.S.	L.S.	L.S.	L.S.	\$2,500.00	L.S.	\$5,648.00	L.S.	\$13,000.00	L.S.	\$5,000.00
202.0210	Removal of 12-Inch Water line	320	L.F.	320	L.F.	\$20.00	\$6,400.00	\$32.50	\$10,400.00	\$121.00	\$38,720.00	\$10.00	\$3,200.00
202.0211	Removal of 8-Inch Water line	1,140	L.F.	1,140	L.F.	\$30.00	\$34,200.00	\$29.30	\$33,402.00	\$108.00	\$123,120.00	\$8.00	\$9,120.00
202.0212	Removal of 6-Inch Water line	40	L.F.	40	L.F.	\$100.00	\$4,000.00	\$38.00	\$1,520.00	\$170.00	\$6,800.00	\$8.00	\$320.00
202.0420	Removal of Rock Wall and Sliding Gate	L.S.	L.S.	L.S.	L.S.	L.S.	\$6,000.00	L.S.	\$27,935.00	L.S.	\$15,000.00	L.S.	\$5,000.00
202.0430	Removal of AC Driveway	57	S.Y.	57	S.Y.	\$20.00	\$1,140.00	\$12.70	\$723.90	\$33.00	\$1,881.00	\$15.00	\$855.00
202.0431	Removal of AC Pavement	2,800	S.Y.	2,800	S.Y.	\$7.00	\$19,600.00	\$9.30	\$26,040.00	\$39.00	\$109,200.00	\$15.00	\$42,000.00
202.0440	Removal of Riprap	L.S.	L.S.	L.S.	L.S.	L.S.	\$40,000.00	L.S.	\$44,592.00	L.S.	\$16,000.00	L.S.	\$2,500.00
202.0441	Removal of 12-Inch Drain Pipe	L.S.	L.S.	L.S.	L.S.	L.S.	\$1,000.00	L.S.	\$4,676.00	L.S.	\$500.00	L.S.	\$500.00
202.0442	Removal of Railroad Piers and Abutments	L.S.	L.S.	L.S.	L.S.	L.S.	\$15,000.00	L.S.	\$13,032.00	L.S.	\$30,000.00	L.S.	\$47,700.00
202.0443	Removal of Bus Shelter and Concrete Pad	L.S.	L.S.	L.S.	L.S.	L.S.	\$5,000.00	L.S.	\$322.00	L.S.	\$3,600.00	L.S.	\$1,500.00
202.0445	Removal of Striping and Markers	L.S.	L.S.	L.S.	L.S.	L.S.	\$2,500.00	L.S.	\$1,063.00	L.S.	\$3,500.00	L.S.	\$800.00

PROJECT: PROJECT NO.:	Farrington Highway, Replacement of Makaha Bridge No. 3 and Makaha Bridge No.3A												
NET LENGTH: ISLAND: DISTRICT: TYPE CODE:	0.25 Miles Oahu Waianae					GRACE PA	ACIFIC LLC	*** <b>N</b>	IAN, INC.		FRASTRUCTURE ST CO.	DEPART TRANSP	DF HAWAII IMENT OF ORTATION 'S DIVISION
DATE ADVERTISED: BID OPENED:	October 20, 2020 December 30, 2020	** NOTE: Qual	***********										
COMPLETION TIME:	Three Hundred Ten (310) Working Days	us **APPROX.		**APPROX.									
ITEM NO.	ITEM	QUANTITY	UNITS	QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
202.0446 202.1070	Removal of Kennel  Removal of Existing Timber Bridge Deck, Piers, Pier and Abutment Foundations, and Railings (Bridge 3)	L.S. L.S.	L.S. L.S.	L.S.	L.S.	L.S. L.S.	\$7,000.00 \$25,000.00	L.S. L.S.	\$38,346.00 \$70,223.00	L.S. L.S.	\$8,800.00 \$54,000.00	L.S.	\$6,000.00 \$50,000.00
202.1080	Removal of Existing Timber Bridge Deck, Piers, Pier and Abutment Foundations, and Railings (Bridge 3A)	L.S.	L.S.	L.S.	L.S.	L.S.	\$25,000.00	L.S.	\$100,000.00	L.S.	\$60,000.00	L.S.	\$45,000.00
203.0100	Roadway Excavation	2,790	C.Y.	2,790	C.Y.	\$100.00	\$279,000.00	\$93.80	\$261,702.00	\$79.00	\$220,410.00	\$35.00	\$97,650.00
204.0100	Trench Excavation for 8" Water line	120	C.Y.	120	C.Y.	\$50.00	\$6,000.00	\$277.30	\$33,276.00	\$729.00	\$87,480.00	\$40.00	\$4,800.00
204.0110	Trench Backfill for 8" Water line	L.S.	L.S.	L.S.	L.S.	L.S.	\$30,000.00	L.S.	\$73,563.00	L.S.	\$140,000.00	L.S.	\$10,000.00
204.0200	Trench Excavation for 12-Inch Water line	75	C.Y.	75	C.Y.	\$100.00	\$7,500.00	\$580.60	\$43,545.00	\$435.00	\$32,625.00	\$40.00	\$3,000.00
204.0210	Trench Backfill for 12" Water line	L.S.	L.S.	L.S.	L.S.	L.S.	\$10,000.00	L.S.	\$111,248.00	L.S.	\$48,000.00	L.S.	\$6,600.00
205.6100	Structure Excavation for By-pass Road Abutments (Within Footprint of Abutment Footings Only)	L.S.	L.S.	L.S.	L.S.	L.S.	\$15,000.00	L.S.	\$216,298.00	L.S.	\$31,000.00	L.S.	\$122,500.00
205.6200	Structure Excavation for Abutments and Pile Caps (within footprint of abutment footings only) Bridge 3	L.S.	L.S.	L.S.	L.S.	L.S.	\$25,000.00	L.S.	\$621,744.00	L.S.	\$700,000.00	L.S.	\$63,000.00
205.6210	Structure Excavation for Abutments and Pile Caps (within footprint of abutment footings only) Bridge 3A	L.S.	L.S.	L.S.	L.S.	L.S.	\$25,000.00	L.S.	\$700,000.00	L.S.	\$1,100,000.00	L.S.	\$63,000.00
205.6220	Structure Excavation for Endwalls and Footings (Bridge 3)	L.S.	L.S.	L.S.	L.S.	L.S.	\$25,000.00	L.S.	\$8,144.00	L.S.	\$21,000.00	L.S.	\$97,875.00
205.6230	Structure Excavation for Endwalls and Footings (Bridge 3A)	L.S.	L.S.	L.S.	L.S.	L.S.	\$25,000.00	L.S.	\$9,587.00	L.S.	\$23,000.00	L.S.	\$28,125.00
205.6240	Structure Excavation for 10 Ft. Wide Overexcavation Along Abutments (Bridge 3)	L.S.	L.S.	L.S.	L.S.	L.S.	\$20,000.00	L.S.	\$20,456.00	L.S.	\$60,000.00	L.S.	\$30,600.00
205.6250	Structure Excavation for 10 Ft. Wide Overexcavation Along Abutments (Bridge 3A)	L.S.	L.S.	L.S.	L.S.	L.S.	\$10,000.00	L.S.	\$25,950.00	L.S.	\$67,000.00	L.S.	\$30,600.00
205.6300	Structure Excavation for Pier Pile Cap (Bridge 3)	L.S.	L.S.	L.S.	L.S.	L.S.	\$7,000.00	L.S.	\$261,417.00	L.S.	\$371,000.00	L.S.	\$11,250.00
205.6400	Structure Excavation for Approach Slabs (Bridge 3)	L.S.	L.S.	L.S.	L.S.	L.S.	\$10,000.00	L.S.	\$15,967.00	L.S.	\$27,000.00	L.S.	\$32,400.00
205.6410	Structure Excavation for Approach Slabs (Bridge 3A)	L.S.	L.S.	L.S.	L.S.	L.S.	\$10,000.00	L.S.	\$15,903.00	L.S.	\$27,000.00	L.S.	\$32,400.00
205.7200	Structure Backfill for By-Pass Road	L.S.	L.S.	L.S.	L.S.	L.S.	\$40,000.00	L.S.	\$76,570.00	L.S.	\$79,000.00	L.S.	\$43,750.00
205.7210	Structure Backfill for By-Pass Abutments	L.S.	L.S.	L.S.	L.S.	L.S.	\$40,000.00	L.S.	\$38,707.00	L.S.	\$21,000.00	L.S.	\$42,000.00
205.7215	Structure Backfill for Abutments and Endwalls (Bridge 3)	L.S.	L.S.	L.S.	L.S.	L.S.	\$40,000.00	L.S.	\$99,510.00	L.S.	\$174,000.00	L.S.	\$36,000.00
205.7220	Structure Backfill for Abutments and Endwalls (Bridge 3A)	L.S.	L.S.	L.S.	L.S.	L.S.	\$40,000.00	L.S.	\$150,042.00	L.S.	\$190,000.00	L.S.	\$165,000.00
205.7230	Structure Backfill for Pier (Bridge 3)	L.S.	L.S.	L.S.	L.S.	L.S.	\$10,000.00	L.S.	\$9,323.00	L.S.	\$17,000.00	L.S.	\$2,700.00
205.8000	Filter Material (Bridge 3)	L.S.	L.S.	L.S.	L.S.	L.S.	\$10,000.00	L.S.	\$15,085.00	L.S.	\$27,000.00	L.S.	\$3,875.00
205.8100	Filter Material (Bridge 3A)	L.S.	L.S.	L.S.	L.S.	L.S.	\$10,000.00	L.S.	\$27,878.00	L.S.	\$36,000.00	L.S.	\$4,875.00
205.8100	Filter Material (Bridge 3A)	L.S.	L.S.	L.S.	L.S.	L.S.	\$10,000.00	L.S.	\$27,878.00	L.S.	\$36,000.00	L.S.	\$4

PROJECT:	Farrington Highway, Replacement of Makaha Bridge No. 3 and Makaha Bridge No.3A												
PROJECT NO.:	BR-093-1(20)												
NET LENGTH:													OF HAWAII
ISLAND: DISTRICT:						GRACE P.	ACIFIC LLC	*** N	IAN, INC.		FRASTRUCTURE ST CO.		TMENT OF PORTATION
TYPE CODE:													YS DIVISION
DATE ADVERTISED: BID OPENED:	October 20, 2020 December 30, 2020	** NOTE: Qua											
COMPLETION TIME:	Three Hundred Ten (310) Working Days	us		**APPROX.	T				1	T			
ITEM NO.	ITEM	**APPROX. QUANTITY	UNITS	QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
205.8200	Filter Material (Grouted Rubble Paving, Bridge 3)	L.S.	L.S.	L.S.	L.S.	L.S.	\$10,000.00	L.S.	\$16,533.00	L.S.	\$35,000.00	L.S.	\$350.00
205.8210	Filter Material (Grouted Rubble Paving, Bridge 3A)	L.S.	L.S.	L.S.	L.S.	L.S.	\$10,000.00	L.S.	\$2,806.00	L.S.	\$20,000.00	L.S.	\$550.00
205.8220	Filter Material (Dumped Riprap, Bridge 3)	L.S.	L.S.	L.S.	L.S.	L.S.	\$80,000.00	L.S.	\$172,586.00	L.S.	\$130,000.00	L.S.	\$13,750.00
205.8230	Filter Material (Dumped Riprap, Bridge 3A)	L.S.	L.S.	L.S.	L.S.	L.S.	\$15,000.00	L.S.	\$39,681.00	L.S.	\$70,000.00	L.S.	\$7,550.00
206.0210	Excavation for 24-Inch Drain Pipe	172	C.Y.	172	C.Y.	\$50.00	\$8,600.00	\$251.00	* \$43,172.00	\$112.00	\$19,264.00	\$35.00	\$6,020.00
206.2020	Excavation for Drainage Structures	L.S.	L.S.	L.S.	L.S.	L.S.	\$10,000.00	L.S.	\$36,167.00	L.S.	\$400,000.00	L.S.	\$750.00
206.2025	Excavation for Unsuitable Material	F.A.	F.A.	F.A.	F.A.	F.A.	\$10,000.00	F.A.	\$10,000.00	F.A.	\$10,000.00	F.A.	\$10,000.00
207.0100	Ditch and Channel Excavation (Bridge 3)	2,500	C.Y.	2,500	C.Y.	\$60.00	\$150,000.00	\$223.00	\$557,500.00	\$300.00	\$750,000.00	\$50.00	\$125,000.00
207.0200	Ditch and Channel Excavation (Bridge 3A)	2,100	C.Y.	2,100	C.Y.	\$60.00	\$126,000.00	\$88.40	\$185,640.00	\$109.00	\$228,900.00	\$50.00	\$105,000.00
209.0110	Installation, Maintenance, Monitoring, and Removal of BMP	L.S.	L.S.	L.S.	L.S.	L.S.	\$250,000.00	L.S.	\$400,493.00	L.S.	\$350,000.00	L.S.	\$450,000.00
209.1100	Additional Water Pollution, Dust, and Erosion Control	F.A.	F.A.	F.A.	F.A.	F.A.	\$150,000.00	F.A.	\$150,000.00	F.A.	\$150,000.00	F.A.	\$150,000.00
301.0100	Hot Mix Asphalt Base Course	1,790	TON	1,790	TON	\$300.00	\$537,000.00	\$193.50	\$346,365.00	\$180.00	\$322,200.00	\$248.60	\$444,994.00
304.1000	Aggregate Base	1,047	C.Y.	1,047	C.Y.	\$125.00	\$130,875.00	\$193.30	\$202,385.10	\$262.00	* \$274,314.00	\$130.36	\$136,486.92
304.1100	Aggregate Base (for Approach Slabs, Bridge 3)	50	C.Y.	50	C.Y.	\$100.00	\$5,000.00	\$334.10	\$16,705.00	\$480.00	\$24,000.00	\$200.00	\$10,000.00
304.1200	Aggregate Base (for Approach Slabs, Bridge 3A)	50	C.Y.	50	C.Y.	\$100.00	\$5,000.00	\$334.10	\$16,705.00	\$480.00	\$24,000.00	\$200.00	\$10,000.00
304.1300	Aggregate Base (4" thick PCC Pavement)	93	CY	93	CY	\$200.00	\$18,600.00	\$262.80	\$24,440.40	\$469.00	\$43,617.00	\$130.36	\$12,123.48
304.1400	Aggregate Base (Concrete Sidewalk)	9	CY	9	CY	\$500.00	\$4,500.00	\$340.90	\$3,068.10	\$475.00	\$4,275.00	\$130.36	\$1,173.24
304.1500	Aggregate Base (By-pass Road)	625	CY	625	CY	\$250.00	\$156,250.00	\$386.80	\$241,750.00	\$573.00	\$358,125.00	\$130.36	\$81,475.00
304.1600	Aggregate Base (for Channel Slab, Bridge No. 3)	70	CY	70	CY	\$100.00	\$7,000.00	\$356.80	\$24,976.00	\$611.00	\$42,770.00	\$130.36	\$9,125.20
305.1110	Aggregate Subbase	1,047	C.Y.	1,047	C.Y.	\$100.00	\$104,700.00	\$180.90	\$189,402.30	\$150.00	\$157,050.00	\$150.00	\$157,050.00
306.0100	Untreated Permeable Base Course	L.S.	L.S.	L.S.	L.S.	L.S.	\$40,000.00	L.S.	\$26,813.00	L.S.	\$42,000.00	L.S.	\$41,250.00
401.0400	HMA Pavement, Mix No. IV	1,345	TON	1,345	TON	\$400.00	\$538,000.00	\$212.40	\$285,678.00	\$198.00	\$266,310.00	\$300.00	\$403,500.00
401.0410	HMA Pavement, Mix No. IV (Access Road and Driveway)	105	TON	105	TON	\$400.00	\$42,000.00	\$693.50	\$72,817.50	\$267.00	\$28,035.00	\$300.00	\$31,500.00
411.1115	11-Inch Concrete Pavement	28	C.Y.	28	C.Y.	\$1,500.00	\$42,000.00	\$1,404.50	\$39,326.00	\$1,750.00	\$49,000.00	\$375.00	\$10,500.00
411.2201	4-Inch Concrete Pavement	185	C.Y.	185	C.Y.	\$800.00	\$148,000.00	\$282.20	\$52,207.00	\$1,100.00	\$203,500.00	\$225.00	\$41,625.00
415.0110	Cold Planing	600	S.Y.	600	S.Y.	\$10.00	\$6,000.00	\$44.60	\$26,760.00	\$16.00	\$9,600.00	\$18.00	\$10,800.00
501.0200	Stainless Steel Supports for 12-Inch Waterline (Bridge No. 3)	L.S.	L.S.	L.S.	L.S.	L.S.	\$52,000.00	L.S.	\$62,838.00	L.S.	\$15,000.00	L.S.	\$6,000.00
501.0210	Stainless Steel Supports for 12-Inch Waterline (Bridge No. 3A)	L.S.	L.S.	L.S.	L.S.	L.S.	\$44,000.00	L.S.	\$48,337.00	L.S.	\$1,320.00	L.S.	\$5,000.00

PROJECT: PROJECT NO.:	Farrington Highway, Replacement of Makaha Bridge No. 3 and Makaha Bridge No.3A BR-093-1(20)												
NET LENGTH: ISLAND: DISTRICT:	Oahu Waianae					GRACE PA	ACIFIC LLC	***	NAN, INC.		FRASTRUCTURE ST CO.	DEPART TRANSP	OF HAWAII IMENT OF ORTATION
TYPE CODE:												HIGHWAY	S DIVISION
	December 30, 2020	** NOTE: Qual	are for in-house										
COMPLETION TIME:	Three Hundred Ten (310) Working Days	us **APPROX.		**APPROX.									
ITEM NO. 501.0213	ITEM Structural Steel - Double Channel Walers, Installed (Bridge 3)	QUANTITY 11,700	UNITS POUND	QUANTITY 11,700	UNIT USED POUND	UNIT PRICE \$10.00	AMOUNT \$117,000.00	UNIT PRICE \$5.20	AMOUNT \$60,840.00	UNIT PRICE \$9.00	AMOUNT \$105,300.00	UNIT PRICE \$8.12	AMOUNT \$95,004.00
501.0214	Structural Steel - Tie Rods and Hardware, Installed By-Pass Road (Bridge 3)	L.S.	L.S.	L.S.	L.S.	L.S.	\$25,000.00	L.S.	\$112,934.00	L.S.	\$22,000.00	L.S.	\$16,100.00
501.0215	Structural Steel - HSS 4 x 4 Struts to be welded to walers	370	POUND	370	POUND	\$100.00	\$37,000.00	\$13.70	\$5,069.00	\$19.00	\$7,030.00	\$8.12	\$3,004.40
501.0216	Structural Steel - Tie Rods and Hardware for Endwalls, Installed (Bridge 3)	L.S.	L.S.	L.S.	L.S.	L.S.	\$15,000.00	L.S.	\$3,242.00	L.S.	\$5,500.00	L.S.	\$32,000.00
502.3100	Bus Shelter	L.S.	L.S.	L.S.	L.S.	L.S.	\$50,000.00	L.S.	\$49,816.00	L.S.	\$101,000.00	L.S.	\$40,000.00
503.1080	Concrete in By-Pass Road Bridge Abutments and Wingwalls (Bridge 3A)	90	C.Y.	90	C.Y.	\$1,100.00	\$99,000.00	\$1,728.40	\$155,556.00	\$2,500.00	\$225,000.00	\$2,500.00	\$225,000.00
503.1081	Concrete in Bridge Abutment Stem Walls (Bridge 3)	88	C.Y.	88	C.Y.	\$1,500.00	\$132,000.00	\$2,679.60	\$235,804.80	\$2,500.00	\$220,000.00	\$2,900.00	\$255,200.00
503.1082	Concrete in Bridge Abutment Pile Caps (Bridge 3)	65	C.Y.	65	C.Y.	\$1,700.00	\$110,500.00	\$1,073.60	\$69,784.00	\$1,600.00	\$104,000.00	\$2,500.00	\$162,500.00
503.1083	Concrete in Bridge Abutment Stem Walls (Bridge 3A)	102	C.Y.	102	C.Y.	\$1,100.00	\$112,200.00	\$2,683.20	\$273,686.40	\$2,500.00	\$255,000.00	\$2,900.00	\$295,800.00
503.1084	Concrete in Bridge Abutment Pile Caps (Bridge 3A)	65	C.Y.	65	C.Y.	\$1,700.00	\$110,500.00	\$751.60	\$48,854.00	\$1,600.00	\$104,000.00	\$2,500.00	\$162,500.00
503.1085	Concrete in Endwalls (Bridge 3)	34	C.Y.	34	C.Y.	\$1,700.00	\$57,800.00	\$1,998.20	\$67,938.80	\$4,500.00	\$153,000.00	\$2,800.00	\$95,200.00
503.1086	Concrete in Endwall Footings (Bridge 3)	24	C.Y.	24	C.Y.	\$1,300.00	\$31,200.00	\$747.40	\$17,937.60	\$1,600.00	\$38,400.00	\$2,500.00	\$60,000.00
503.1087	Concrete in Endwalls (Bridge 3A)	34	C.Y.	34	C.Y.	\$1,800.00	\$61,200.00	\$2,320.40	\$78,893.60	\$4,500.00	\$153,000.00	\$2,800.00	\$95,200.00
503.1088	Concrete in Endwall Footings (Bridge 3A)	24	C.Y.	24	C.Y.	\$1,300.00	\$31,200.00	\$738.00	\$17,712.00	\$1,600.00	\$38,400.00	\$2,500.00	\$60,000.00
503.1089	Concrete in Pier Cap (Bridge 3)	23	C.Y.	23	C.Y.	\$2,500.00	\$57,500.00	\$1,204.60	\$27,705.80	\$5,300.00	\$121,900.00	\$3,400.00	\$78,200.00
503.1090	Concrete in By-Pass Road In-Fill Walls (Bridge 3)	30	C.Y.	30	C.Y.	\$1,800.00	\$54,000.00	\$1,638.20	\$49,146.00	\$3,000.00	\$90,000.00	\$2,000.00	\$60,000.00
503.1091	Concrete in Pier Columns (Bridge 3)	10	C.Y.	10	C.Y.	\$4,500.00	\$45,000.00	\$3,125.90	\$31,259.00	\$3,800.00	\$38,000.00	\$5,500.00	\$55,000.00
503.1092	Concrete in Pier Pile Cap (Bridge 3)	33	C.Y.	33	C.Y.	\$1,500.00	\$49,500.00	\$963.80	\$31,805.40	\$1,600.00	\$52,800.00	\$2,500.00	\$82,500.00
503.1093	Concrete in Bridge Approach Slabs (Bridge 3)	104	C.Y.	104	C.Y.	\$700.00	\$72,800.00	\$771.60	\$80,246.40	\$1,500.00	\$156,000.00	\$1,800.00	\$187,200.00
503.1094	Concrete in Bridge Approach Slabs (Bridge 3A)	104	C.Y.	104	C.Y.	\$700.00	\$72,800.00	\$611.30	\$63,575.20	\$1,500.00	\$156,000.00	\$1,800.00	\$187,200.00
503.1095	Concrete in Deck Topping Slab and Edge Beams (Bridge 3)	108	C.Y.	108	C.Y.	\$2,300.00	\$248,400.00	\$1,934.30	\$208,904.40	\$6,000.00	\$648,000.00	\$3,700.00	\$399,600.00
503.1096	Concrete in Deck Topping Slab and Edge Beams (Bridge 3A)	82	C.Y.	82	C.Y.	\$1,500.00	\$123,000.00	\$2,719.00	\$222,958.00	\$6,000.00	\$492,000.00	\$3,700.00	\$303,400.00
503.1097	Concrete in Channel Slab (Bridge 3)	150	C.Y.	150	C.Y.	\$800.00	\$120,000.00	\$636.00	\$95,400.00	\$1,000.00	\$150,000.00	\$1,800.00	\$270,000.00
503.1098	Concrete in 8" dia. Waterline encasement, Incl. Reinforcing Steel	20	C.Y.	20	C.Y.	\$1,000.00	\$20,000.00	\$1,982.10	\$39,642.00	\$1,900.00	\$38,000.00	\$3,400.00	\$68,000.00
503.2050	Concrete in Reaction Blocks, Test Blocks, Jackets and Reaction Beams (Temporary 8-Inch Waterline)	4	C.Y.	4	C.Y.	\$2,000.00	\$8,000.00	\$470.50	\$1,882.00	\$34,000.00	\$136,000.00	\$400.00	\$1,600.00
503.2051	Concrete in Reaction Blocks, Test Blocks, Jackets and Reaction Beams	3	C.Y.	3	C.Y.	\$2,500.00	\$7,500.00	\$1,409.10	\$4,227.30	\$6,000.00	\$18,000.00	\$400.00	\$1,200.00
503.6010	Dog Kennel	L.S.	L.S.	L.S.	L.S.	L.S.	\$50,000.00	L.S.	\$29,113.00	L.S.	\$60,000.00	L.S.	\$25,000.00

Fa	arrington Highway, Replacement of Makaha Bridge No. 3 and Makaha												
PROJECT: Bri	- 0												
NET LENGTH: 0.	·											OTATE (	DE 11474/411
ISLAND: Oa	ahu					GRACE PA	ACIFIC LLC	*** N	IAN, INC.		FRASTRUCTURE	DEPART	OF HAWAII ΓΜΕΝΤ OF
DISTRICT: Wa TYPE CODE: 04										WES	ST CO.		ORTATION 'S DIVISION
DATE ADVERTISED: O													
BID OPENED: De	ecember 30, 2020	** NOTE: Quai											
COMPLETION TIME: Th	nree Hundred Ten (310) Working Days	these columns a us											
ITEM NO.	ITEM	**APPROX. QUANTITY	UNITS	**APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
504.7400 Pre	restressed Concrete Plank, Interior, Qty. 14 (Bridge 3) 14) 4'-10" Wide x 48'-6 1/2" Long)	680	L.F.	680	L.F.	\$1,100.00	\$748,000.00	\$1,019.00	\$692,920.00		\$1,020,000.00	\$600.00	\$408,000.00
	restressed Concrete Plank, Exterior, Qty. 4 (Bridge 3)												
((4)	4) 4'-10" Wide x 48'-6 1/2" Long)	194	L.F.	194	L.F.	\$1,100.00	\$213,400.00	\$1,039.60	\$201,682.40	\$1,500.00	\$291,000.00	\$600.00	\$116,400.00
	restressed Concrete Plank, Interior (Bridge 3A) 7) 4'-10" Wide x 68'-6" Long)	480	L.F.	480	L.F.	\$1,100.00	\$528,000.00	\$1,180.70	\$566,736.00	\$1,500.00	\$720,000.00	\$600.00	\$288,000.00
	restressed Concrete Plank, Exterior (Bridge 3A) 2) 4'-10" Wide x 68'-6" Long)	137	L.F.	137	L.F.	\$1,100.00	\$150,700.00	\$1,195.20	\$163,742.40	\$1,500.00	\$205,500.00	\$600.00	\$82,200.00
505.0500 Br	ridge 3 By-Pass Structural Steel H-Piles Driven	555	L.F.	555	L.F.	\$50.00	\$27,750.00	\$153.70	\$85,303.50	\$120.00	* \$66,600.00	\$185.00	\$102,675.00
505.0501 Brid	ridge By-Pass 3 Structural Steel H-piles, Piles Furnished	555	LF	555	LF	\$100.00	\$55,500.00	\$94.00	\$52,170.00	\$12.00	\$6,660.00	\$185.00	\$102,675.00
505.0510 Brid	ridge 3 By-Pass Steel Sheet Piles Furnished and Installed	270	L.F.	270	L.F.	\$1,000.00	\$270,000.00	\$3,421.50	\$923,805.00	\$1,900.00	\$513,000.00	\$840.00	\$226,800.00
507.0100 B	Bridge 3 By-Pass Road Metal Pedestrian Bridge Railing	160	L.F.	160	L.F.	\$200.00	\$32,000.00	\$448.40	\$71,744.00	\$745.00	\$119,200.00	\$125.00	\$20,000.00
507.5000 Brid	ridge 3 Concrete Bridge Railing	209	L.F.	209	L.F.	\$250.00	\$52,250.00	\$947.00	\$197,923.00	\$1,500.00	\$313,500.00	\$800.00	\$167,200.00
507.5100 Brid	ridge 3A Concrete Bridge Railing	145	L.F.	145	L.F.	\$350.00	\$50,750.00	\$839.10	\$121,669.50	\$1,500.00	\$217,500.00	\$800.00	\$116,000.00
507.7500 Brid	idge 3 Concrete End Posts	80	L.F.	80	L.F.	\$500.00	\$40,000.00	\$627.80	\$50,224.00	\$1,500.00	\$120,000.00	\$600.00	\$48,000.00
507.7510 Brid	idge 3A Concrete End Posts	80	L.F.	80	L.F.	\$500.00	\$40,000.00	\$627.80	\$50,224.00	\$1,500.00	\$120,000.00	\$600.00	\$48,000.00
508.0100 Ce	ement Rubble Masonry (Wall)	L.S.	L.S.	L.S.	L.S.	L.S.	\$120,000.00	L.S.	\$66,928.00	L.S.	\$75,000.00	L.S.	\$35,000.00
511.0100 Fu	urnishing Drilled Shaft Drilling Equipment (Bridge 3)	L.S.	L.S.	L.S.	L.S.	L.S.	\$360,000.00	L.S.	\$196,200.00	L.S.	\$350,000.00	L.S.	\$150,000.00
511.0110 Fui	urnishing Drilled Shaft Drilling Equipment (Bridge 3A)	L.S.	L.S.	L.S.	L.S.	L.S.	\$323,000.00	L.S.	\$196,200.00	L.S.	\$350,000.00	L.S.	\$75,000.00
511.0200 Ob	ostruction (in Drilled Shaft, Bridge 3)	75	HOUR	75	HOUR	\$3,000.00	\$225,000.00	\$2,456.10	\$184,207.50	\$2,800.00	\$210,000.00	\$1,500.00	\$112,500.00
511.0210 Ob	ostruction (in Drilled Shaft, Bridge 3A)	50	HOUR	50	HOUR	\$3,000.00	\$150,000.00	\$2,519.10	\$125,955.00	\$2,800.00	\$140,000.00	\$1,500.00	\$75,000.00
511.0300 Loa	pad Test (Bridge 3)	1	EA	1	EA	\$120,000.00	\$120,000.00	\$49,527.00	\$49,527.00	\$61,000.00	\$61,000.00	\$250,000.00	\$250,000.00
511.0310 Loa	pad Test (Bridge 3A)	1	EA	1	EA	\$120,000.00	\$120,000.00	\$49,527.00	* \$49,527.00	\$61,000.00	\$61,000.00	\$250,000.00	\$250,000.00
511.0320 CS	SL Test on Drilled Shafts (Bridge 3)	L.S.	L.S.	L.S.	L.S.	L.S.	\$20,000.00	L.S.	\$18,573.00	L.S.	\$45,000.00	L.S.	\$12,000.00
511.0330 CS	SL Test on Drilled Shafts (Bridge 3A)	L.S.	L.S.	L.S.	L.S.	L.S.	\$20,000.00	L.S.	\$18,573.00	L.S.	\$45,000.00	L.S.	\$10,000.00
511.0400 Tes	est Shaft	190	L.F.	190	L.F.	\$1,400.00	\$266,000.00	\$1,728.90	\$328,491.00	\$1,200.00	\$228,000.00	\$1,400.00	\$266,000.00
511.0500 Dri	rilled Shaft (36-Inch Diameter, Bridge 3)	2,000	L.F.	2,000	L.F.	\$220.00	\$440,000.00	\$424.30	\$848,600.00	\$275.00	\$550,000.00	\$1,400.00	\$2,800,000.00
511.0510 Dri	rilled Shaft (36-Inch Diameter, Bridge 3A)	1,600	L.F.	1,600	L.F.	\$240.00	\$384,000.00	\$437.60	\$700,160.00	\$285.00	\$456,000.00	\$1,400.00	\$2,240,000.00
511.0600 Sta	andard Excavation (for Drilled Shaft, Bridge 3)	1,761	L.F.	1,761	L.F.	\$490.00	\$862,890.00	\$488.70	\$860,600.70	\$655.00	\$1,153,455.00	\$300.00	\$528,300.00
511.0610 Sta	andard Excavation (for Drilled Shaft, Bridge 3A)	1,400	L.F.	1,400	L.F.	\$550.00	\$770,000.00	\$550.00	\$770,000.00	\$665.00	\$931,000.00	\$300.00	\$420,000.00

	TABULATION OF BIDS					I	1					I	
	Farrington Highway, Replacement of Makaha Bridge No. 3 and Makaha Bridge No.3A												
PROJECT NO.:	BR-093-1(20)												
NET LENGTH:													OF HAWAII
ISLAND:						GRACE P.	ACIFIC LLC	***	IAN, INC.		INFRASTRUCTURE		TMENT OF
DISTRICT: TYPE CODE:										VV	EST CO.		PORTATION YS DIVISION
DATE ADVERTISED: BID OPENED:	October 20, 2020 December 30, 2020	** NOTE: Qua	ntities shown in										
COMPLETION TIME:	Three Hundred Ten (310) Working Days	us **APPROX.		**APPROX.					T		<u> </u>		
ITEM NO.	ITEM	QUANTITY	UNITS	QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE		UNIT PRICE	AMOUNT
511.0700	Concrete Overpour for Drilled Shafts (Bridge 3)	F.A.	F.A.	F.A.	F.A.	F.A.	\$58,000.00	F.A.	\$58,000.00	F.A.	\$58,000.00	F.A.	\$58,000.00
511.0710	Concrete Overpour for Drilled Shafts (Bridge 3A)	F.A.	F.A.	F.A.	F.A.	F.A.	\$51,000.00	F.A.	\$51,000.00	F.A.	\$51,000.00	F.A.	\$51,000.00
512.0100	Prefabricated Steel Truss Bridge Rental (Bridge 3A)	1	YEAR	1	YEAR	\$250,000.00	\$250,000.00	\$333,663.00	\$333,663.00	\$90,000.00	\$90,000.00	\$351,300.00	\$351,300.00
512.0200	Installing Prefabricated Steel Truss Bridge (Bridge 3A)	1	EA	1	EA	\$150,000.00	\$150,000.00	\$200,000.00	\$200,000.00	\$240,000.00	\$240,000.00	\$35,000.00	\$35,000.00
512.0300	Maintenance Prefabricated Steel Truss Bridge Rental (Bridge 3A)	12	MONTH	12	MONTH	\$2,000.00	\$24,000.00	\$5,262.50	\$63,150.00	\$50,000.00	\$600,000.00	\$7,333.00	\$87,996.00
602.0101	Reinforcing Steel for Abutment Stem Walls (Bridge 3)	17,600	POUND	17,600	POUND	\$6.00	\$105,600.00	\$4.80	\$84,480.00	\$5.00	\$88,000.00	\$1.00	\$17,600.00
602.0102	Reinforcing Steel for Abutment Stem Walls (Bridge 3A)	20,400	POUND	20,400	POUND	\$5.00	\$102,000.00	\$4.90	\$99,960.00	\$5.00	\$102,000.00	\$1.00	\$20,400.00
602.0103	Reinforcing Steel for Abutment Pile Caps (Bridge 3)	13,700	POUND	13,700	POUND	\$6.00	\$82,200.00	\$2.00	\$27,400.00	\$2.00	\$27,400.00	\$1.00	\$13,700.00
602.0104	Reinforcing Steel for Abutment Pile Caps (Bridge 3A)	13,700	POUND	13,700	POUND	\$6.00	\$82,200.00	\$2.00	\$27,400.00	\$2.00	\$27,400.00	\$1.00	\$13,700.00
602.0105	Reinforcing Steel for Endwalls (Bridge 3)	5,950	POUND	5,950	POUND	\$11.00	\$65,450.00	\$6.40	\$38,080.00	\$6.00	\$35,700.00	\$1.00	\$5,950.00
602.0106	Reinforcing Steel for Endwalls (Bridge 3A)	5,950	POUND	5,950	POUND	\$13.00	\$77,350.00	\$7.70	\$45,815.00	\$7.00	\$41,650.00	\$1.00	\$5,950.00
602.0107	Reinforcing Steel for Endwall Footings (Bridge 3)	5,040	POUND	5,040	POUND	\$6.00	\$30,240.00	\$2.00	\$10,080.00	\$2.00	\$10,080.00	\$1.00	\$5,040.00
602.0108	Reinforcing Steel for Endwall Footings (Bridge 3A)	5,040	POUND	5,040	POUND	\$6.00	\$30,240.00	\$2.00	\$10,080.00	\$2.00	\$10,080.00	\$1.00	\$5,040.00
602.0109	Reinforcing Steel for Pier Cap (Bridge 3)	5,750	POUND	5,750	POUND	\$4.00	\$23,000.00	\$2.20	\$12,650.00	\$2.00	\$11,500.00	\$1.00	\$5,750.00
602.0110	Reinforcing Steel for Pier Columns (Bridge 3)	3,000	POUND	3,000	POUND	\$4.00	\$12,000.00	\$3.30	\$9,900.00	\$2.00	\$6,000.00	\$1.00	\$3,000.00
602.0111	Reinforcing Steel for Pier Pile Cap (Bridge 3)	8,250	POUND	8,250	POUND	\$2.00	\$16,500.00	\$1.90	\$15,675.00	\$2.00	\$16,500.00	\$1.00	\$8,250.00
602.0112	Reinforcing Steel for Approach Slabs (Bridge 3)	20,800	POUND	20,800	POUND	\$2.00	\$41,600.00	\$2.50	\$52,000.00	\$2.00	\$41,600.00	\$1.00	\$20,800.00
602.0113	Reinforcing Steel for Approach Slabs (Bridge 3A)	20,800	POUND	20,800	POUND	\$2.00	\$41,600.00	\$2.50	\$52,000.00	\$2.00	\$41,600.00	\$1.00	\$20,800.00
602.0114	Reinforcing Steel for Deck Topping Slab and Edge Beams (Bridge 3)	35,700	POUND	35,700	POUND	\$4.00	\$142,800.00	\$1.70	\$60,690.00	\$2.00	\$71,400.00	\$1.00	\$35,700.00
602.0115	Reinforcing Steel for Deck Topping Slab and Edge Beams (Bridge 3A)	29,190	POUND	29,190	POUND	\$3.00	\$87,570.00	\$1.20	\$35,028.00	\$1.50	\$43,785.00	\$1.00	\$29,190.00
602.0116	Reinforcing Steel for Channel Liner (Bridge 3)	22,500	POUND	22,500	POUND	\$2.00	\$45,000.00	\$1.20	\$27,000.00	\$1.50	\$33,750.00	\$1.00	\$22,500.00
602.0117	Reinforcing Steel for Concrete Railing and End Posts that Extend Into Deck Slabs or Beams (Bridge 3)	500	POUND	500	POUND	\$50.00	\$25,000.00	\$36.90	\$18,450.00	\$2.00	\$1,000.00	\$1.00	\$500.00
602.0118	Reinforcing Steel for Concrete Railing and End Posts that Extend Into Deck							·				·	
602.0119	Slabs or Beams (Bridge 3A)  Reinforcing Steel for Drilled Shafts (Bridge 3)	450 135,000	POUND POUND	450 135,000	POUND POUND	\$50.00 \$3.00	\$22,500.00 \$405,000.00	\$32.60 \$2.20	\$14,670.00 \$297,000.00	\$2.00 \$2.00	\$900.00 \$270,000.00	\$1.00 \$1.00	\$450.00 \$135,000.00
602.0125	Reinforcing Steel for Drilled Shafts (Bridge 3A)	115,000	POUND	115,000	POUND	\$3.00	\$345,000.00	\$1.80	\$297,000.00	\$2.00	\$270,000.00	\$1.00	\$115,000.00
602.0130	Reinforcing Steel for By-Pass Road In-Fill Walls	5,000	POUND	5,000	POUND	\$1.00	\$5,000.00	\$1.10	\$5,500.00	\$150.00	* \$750,000.00	·	\$6,250.00
				·									
602.0140	Reinforcing Steel for By-Pass Road Bridge Abutments	18,000	POUND	18,000	POUND	\$3.00	\$54,000.00	\$1.00	\$18,000.00	\$150.00	* \$2,700,000.00	\$1.25	\$22,500.00

PROJECT:	Farrington Highway, Replacement of Makaha Bridge No. 3 and Makaha Bridge No.3A												
PROJECT NO.:	BR-093-1(20)												
NET LENGTH:						ODAGE D	A CIFIC LL C	*** A	IANI INIC	**** 1/15\4/15 181	ED A CEDI IOTUDE		OF HAWAII
ISLAND: DISTRICT:						GRACE PA	ACIFIC LLC	~~^ N	IAN, INC.		FRASTRUCTURE ST CO.		TMENT OF ORTATION
TYPE CODE:	04, 11, 43											HIGHWAY	S DIVISION
DATE ADVERTISED: BID OPENED:	October 20, 2020 December 30, 2020	** NOTE: Qual											
COMPLETION TIME:	Three Hundred Ten (310) Working Days	us **APPROX.		**APPROX.	1				Г	-			
ITEM NO.	ITEM	QUANTITY	UNITS	QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
603.0010	Bed Course Material For Drainage Pipe	21	C.Y.	21	C.Y.	\$500.00	\$10,500.00	\$10,658.90	\$223,836.90	\$300.00	\$6,300.00	\$100.00	\$2,100.00
603.1010	24-Inch Reinforced Concrete Pipe, Class III	254	L.F.	254	L.F.	\$250.00	\$63,500.00	\$337.20	\$85,648.80	\$180.00	\$45,720.00	\$125.00	\$31,750.00
603.1060	60-Inch Reinforced Concrete Pipe , Class IV	228	L.F.	228	L.F.	\$500.00	\$114,000.00	\$573.70	\$130,803.60	\$1,000.00	\$228,000.00	\$435.00	\$99,180.00
604.0370	Type B Manholes, 5 feet to 5.99 feet	1	EA	1	EA	\$20,000.00	\$20,000.00	\$20,171.00	\$20,171.00	\$40,000.00	\$40,000.00	\$15,000.00	\$15,000.00
604.0371	Type 61614P Grated Drop Inlet, 4.00 feet to 4.99 feet	1	EA	1	EA	\$30,000.00	\$30,000.00	\$20,761.00	\$20,761.00	\$35,000.00	\$35,000.00	\$12,000.00	\$12,000.00
604.0372	Type 61614P Grated Drop Inlet, 5.00 feet to 5.99 feet	1	EA	1	EA	\$30,000.00	\$30,000.00	\$22,413.00	\$22,413.00	\$35,000.00	\$35,000.00	\$13,500.00	\$13,500.00
605.0006	6-Inch Underdrain	1,810	L.F.	1,810	L.F.	\$20.00	\$36,200.00	\$128.00	\$231,680.00	\$40.00	\$72,400.00	\$55.00	\$99,550.00
605.1000	Type A Underdrain Outlet	10	EA	10	EA	\$1,000.00	\$10,000.00	\$243.00	\$2,430.00	\$4,000.00	\$40,000.00	\$500.00	\$5,000.00
605.2000	Cleanout	28	EA	28	EA	\$800.00	\$22,400.00	\$1,467.00	\$41,076.00	\$4,500.00	\$126,000.00	\$500.00	\$14,000.00
606.0100	Guardrail Thrie Beam Transition (Bridge 3)	100	L.F.	100	L.F.	\$240.00	\$24,000.00	\$236.00	\$23,600.00	\$225.00	\$22,500.00	\$175.00	\$17,500.00
606.0110	Guardrail Thrie Beam Transition (Bridge 3A)	100	L.F.	100	L.F.	\$240.00	\$24,000.00	\$236.00	\$23,600.00	\$225.00	\$22,500.00	\$175.00	\$17,500.00
606.3000	Guardrail Portable Barriers	970	LF	970	LF	\$100.00	\$97,000.00	\$170.00	\$164,900.00	\$110.00	\$106,700.00	\$70.00	\$67,900.00
606.3100	Guardrail Midwest Guardrail System	720	L.F.	720	L.F.	\$55.00	\$39,600.00	\$54.30	\$39,096.00	\$50.00	\$36,000.00	\$70.00	\$50,400.00
607.0060	6-Feet, Chain Link Fence (w/Top Rail and Fence Post)	30	L.F.	30	L.F.	\$100.00	\$3,000.00	\$215.30	\$6,459.00	\$90.00	\$2,700.00	\$35.00	\$1,050.00
607.0061	6-Feet, Chain Link Fence (w/vinyl lattice, Top Rail and Fence Post)	60	L.F.	60	L.F.	\$135.00	\$8,100.00	\$287.10	\$17,226.00	\$120.00	\$7,200.00	\$75.00	\$4,500.00
607.0062	6-Feet, Vinyl Fence w/5x5 Line, Corner and End Post	220	L.F.	220	L.F.	\$145.00	\$31,900.00	\$141.90	\$31,218.00	\$130.00	\$28,600.00	\$75.00	\$16,500.00
607.0100	6-Feet, Chain Link Fence (at Approches to Temporary By-pass Road Bridge)	150	L.F.	150	L.F.	\$95.00	\$14,250.00	\$403.70	\$60,555.00	\$90.00	\$13,500.00	\$250.00	\$37,500.00
607.0110	6-Feet, Chain Link Fence (along By-pass Raod Road, Bridge 3)	324	LF	324	LF	\$85.00	\$27,540.00	\$17.50	* \$5,670.00	\$80.00	\$25,920.00	\$250.00	\$81,000.00
607.0200	Dual Galvanized Rolling Vehicle Entry Chain Link Gate	1	EA	1	EA	\$65,000.00	\$65,000.00	\$143,175.00	\$143,175.00	\$30,000.00	\$30,000.00	\$25,000.00	\$25,000.00
610.1000	(6-Inch) Reinforced Concrete Driveway	L.S.	L.S.	L.S.	L.S.	L.S.	\$20,000.00	L.S.	** \$0.00	L.S.	\$6,000.00	L.S.	\$10,000.00
612.0100	Grouted Rubble Paving (Bridge 3)	325	C.Y.	325	C.Y.	\$560.00	\$182,000.00		** \$0.00	\$500.00	\$162,500.00	\$300.00	\$97,500.00
612.0200	Grouted Rubble Paving (Bridge 3A)	40	C.Y.	40	C.Y.	\$625.00	\$25,000.00		** \$0.00	\$850.00	\$34,000.00	\$300.00	\$12,000.00
614.0100	Street Survey Monuments	2	EA	2	EA	\$2,000.00	\$4,000.00		** \$0.00	\$4,000.00	\$8,000.00	\$1,500.00	\$3,000.00
622.1000	Roadway Lighting Luminaire and Bracket Arm On Wood Pole, 98W LED	6	EA	6	EA	\$500.00	\$3,000.00		** \$0.00	\$7,500.00	\$45,000.00	\$3,000.00	\$18,000.00
622.1001	Remove Roadway Lighting Luminaire and Bracket Arm	6	EA	6	EA	\$1,000.00	\$6,000.00		** \$0.00	\$2,000.00	\$12,000.00	\$500.00	\$3,000.00
622.8000	Temporary Roadway Lighting System	L.S.	L.S.	L.S.	L.S.	L.S.	\$70,000.00	L.S.	** \$0.00	L.S.	\$85,000.00	L.S.	\$150,000.00
622.8100	HECO Charges for Temporary Roadway Lighting Systems	FA	FA	FA	FA	FA	\$2,000.00	FA	** \$0.00	FA	\$2,000.00	FA	\$2,000.00
					]								

PROJECT: E													
PROJECT NO.: E	3R-093-1(20)												
NET LENGTH: ( ISLAND: C						CDACE D	ACIFIC LLC	*** N	NAN, INC.	**** <b>VIE</b> \\//IT INI	FRASTRUCTURE		OF HAWAII TMENT OF
DISTRICT: V	Vaianae					GICAGLI	AOII IO LLO	ı	VAIN, IINO.		ST CO.	TRANSP	PORTATION
TYPE CODE: 0	04, 11, 43											HIGHWA	YS DIVISION
DATE ADVERTISED: (	October 20, 2020 December 30, 2020	** NOTE: Qua	ntities shown in										
	Fhree Hundred Ten (310) Working Days	these columns a	are for in-house										
	· · · · · · · · · · · · · · · · · · ·	**APPROX.		**APPROX.		LINUT DDIOS	4440UNIT		4440UNIT	LINUT DDIOE	4.4.Q.I.N.T	LINUT DDIOE	
ITEM NO. 624.0100 V	ITEM  Water Systems (Temporary-Bypass Road)	QUANTITY L.S.	UNITS L.S.	QUANTITY L.S.	UNIT USED L.S.	UNIT PRICE L.S.	AMOUNT \$150,000.00	UNIT PRICE L.S.	** \$0.00	UNIT PRICE L.S.	AMOUNT \$400,000.00	UNIT PRICE L.S.	AMOUNT \$105,250.00
624.9000 V	Nater Systems (Farrington Highway)	L.S.	L.S.	L.S.	L.S.	L.S.	\$250,000.00	L.S.	** \$0.00	L.S.	\$650,000.00	L.S.	\$300,000.00
625.1100 S	Sewer Systems	L.S.	L.S.	L.S.	L.S.	L.S.	\$10,000.00	L.S.	** \$0.00	L.S.	\$20,000.00	L.S.	\$5,000.00
626.1000 S	Sewer Manhole, 5 feet to 5.99 feet	1	EA	1	EA	\$15,000.00	\$15,000.00		** \$0.00	\$35,000.00	\$35,000.00	\$12,000.00	\$12,000.00
626.1100 A	Adjusting (Water) Standard Valve Box	8	EA	8	EA	\$100.00	\$800.00		** \$0.00	\$3,900.00	\$31,200.00	\$500.00	\$4,000.00
626.2000	Water) Standard Valve Box	4	EA	4	EA	\$3,000.00	\$12,000.00		** \$0.00	\$6,900.00	\$27,600.00	\$700.00	\$2,800.00
629.1000 F	Pavement Striping (Paint)	4,950	L.F.	4,950	L.F.	\$4.00	\$19,800.00		** \$0.00	\$3.00	\$14,850.00	\$2.00	\$9,900.00
629.1040 F	Pavement Word (Paint)	2	EA	2	EA	\$1,000.00	\$2,000.00	\$236.00	\$472.00	\$220.00	\$440.00	\$200.00	\$400.00
629.1041 F	Pavement Word (Thermoplastic)	1	EA	1	EA	\$1,000.00	\$1,000.00	\$472.00	\$472.00	\$440.00	\$440.00	\$400.00	\$400.00
629.1100 4	1-Inch Pavement Striping (Thermoplastic)	9,386	L.F.	9,386	L.F.	\$3.00	\$28,158.00	\$2.90	\$27,219.40	\$3.00	\$28,158.00	\$2.00	\$18,772.00
629.1110 4	1-Inch Pavement Striping Dbl. Yellow (Paint)	2,260	L.F.	2,260	L.F.	\$5.00	\$11,300.00	\$4.80	\$10,848.00	\$5.00	\$11,300.00	\$1.00	\$2,260.00
	I-Inch Pavement Striping Dbl. Yellow Thermoplastic)	883	L.F.	883	L.F.	\$5.00	\$4,415.00	\$4.80	\$4,238.40	\$5.00	\$4,415.00	\$7.00	\$6,181.00
	1-Inch Pavement Striping Dbl. Yellow, Dashed Thermoplastic)	200	L.F.	200	L.F.	\$5.00	\$1,000.00	\$4.80	\$960.00	\$5.00	\$1,000.00	\$7.00	\$1,400.00
629.1400	12-Inch Pavement Striping (Thermoplastic)	43	L.F.	43	L.F.	\$6.00	\$258.00	\$5.90	\$253.70	\$6.00	\$258.00	\$6.00	\$258.00
629.1500 C	Crosswalk Marking (Thermoplastic)	2	LANE	2	LANE	\$1,000.00	\$2,000.00	\$472.00	\$944.00	\$420.00	\$840.00	\$300.00	\$600.00
629.2020 F	Profiled Thermoplastic Striping	60	L.F.	60	L.F.	\$10.00	\$600.00	\$4.80	\$288.00	\$5.00	\$300.00	\$20.00	\$1,200.00
629.2021 T	Гуре C Pavement Marker	152	EA	152	EA	\$6.00	\$912.00	\$5.90	\$896.80	\$5.00	\$760.00	\$7.00	\$1,064.00
629.2022 T	Гуре D Pavement Marker	112	EA	112	EA	\$6.00	\$672.00	\$5.90	\$660.80	\$5.00	\$560.00	\$7.00	\$784.00
629.2023 T	Гуре F Pavement Marker	1	EA	1	EA	\$6.00	\$6.00	\$6.00	\$6.00	\$5.00	\$5.00	\$7.00	\$7.00
631.1000 F	Regulatory Sign (10 Square Feet or Less)	1	EA	1	EA	\$500.00	\$500.00	\$9,025.90	\$9,025.90	\$370.00	\$370.00	\$700.00	\$700.00
631.1100 E	Bus Stop Sign	2	EA	2	EA	\$500.00	\$1,000.00	\$250.80	\$501.60	\$370.00	\$740.00	\$400.00	\$800.00
631.1200 S	Street Name Sign	2	EA	2	EA	\$500.00	\$1,000.00	\$236.00	\$472.00	\$370.00	\$740.00	\$400.00	\$800.00
634.0100 F	Portland Cement Concrete Sidewalk	40	S.Y.	40	S.Y.	\$200.00	\$8,000.00	\$175.50	\$7,020.00	\$500.00	\$20,000.00	\$180.00	\$7,200.00
636.0100 E	E-Construction license	F.A.	F.A.	F.A.	F.A.	F.A.	\$250,000.00	F.A.	\$250,000.00	F.A.	\$250,000.00	F.A.	\$250,000.00
638.0100 C	Curb, Type 2D	78	L.F.	78	L.F.	\$75.00	\$5,850.00	\$49.50	\$3,861.00	\$300.00	\$23,400.00	\$100.00	\$7,800.00
638.0200	3-1/2" Concrete Curb for New Guardrail (Bridge 3)	60	L.F.	60	L.F.	\$100.00	\$6,000.00	\$76.40	\$4,584.00	\$300.00	\$18,000.00	\$250.00	\$15,000.00
638.0210	3-1/2" Concrete Curb for New Guardrail (Bridge 3A)	60	L.F.	60	L.F.	\$100.00	\$6,000.00	\$76.40	\$4,584.00	\$300.00	\$18,000.00	\$250.00	\$15,000.00

	TABULATION OF BIDS					1	T				ı		
PROJECT:	Farrington Highway, Replacement of Makaha Bridge No. 3 and Makaha Bridge No.3A												
PROJECT NO.:													
NET LENGTH:													OF HAWAII
ISLAND: DISTRICT:						GRACE P	ACIFIC LLC	***	NAN, INC.		FRASTRUCTURE ST CO.		TMENT OF PORTATION
TYPE CODE:										VVE	31 CO.		YS DIVISION
DATE ADVERTISED:	October 20, 2020												
	December 30, 2020		ntities shown in										
COMPLETION TIME:	Three Hundred Ten (310) Working Days	these columns a											
ITEM NO.	ITEM	**APPROX. QUANTITY	UNITS	**APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
641.0100	Hydro-mulch seeding	L.S.	L.S.	L.S.	L.S.	L.S.	\$140,000.00	L.S.	\$278,132.00	L.S.	\$180,000.00	L.S.	\$50,000.00
645.0100	Traffic Control	L.S.	L.S.	L.S.	L.S.	L.S.	\$100,000.00	L.S.	\$430,000.00	L.S.	\$500,000.00	L.S.	\$200,000.00
645.2010	Additional Police Officers, Additional Traffic Control Devices and Advertisement	F.A.	F.A.	F.A.	F.A.	F.A.	\$80,000.00	F.A.	\$80,000.00	F.A.	\$80,000.00	F.A.	\$80,000.00
648.0100	Field-Posted Drawings	L.S.	L.S.	L.S.	L.S.	L.S.	\$1,000.00	L.S.	\$23,609.00	L.S.	\$2,500.00	L.S.	\$5,000.00
650.0100	Curb Ramp, Modified	2	EA	2	EA	\$10,000.00	\$20,000.00	\$3,344.00	\$6,688.00	\$14,000.00	\$28,000.00	\$4,000.00	\$8,000.00
650.1000	Detectable Warning Mat	4	EA	4	EA	\$500.00	\$2,000.00	\$354.00	\$1,416.00	\$1,400.00	\$5,600.00	\$1,000.00	\$4,000.00
651.1000	HECO Ductline, One 3-Inch PVC Schedule 40, Concrete Encased	90	L.F.	90	L.F.	\$10.00	\$900.00	\$372.80	\$33,552.00	\$175.00	\$15,750.00	\$30.00	\$2,700.00
651.2000	HECO Handhole, 2' x 4'	1	Each	1	Each	\$8,500.00	\$8,500.00	\$11,316.20	\$11,316.20	\$7,500.00	\$7,500.00	\$1,500.00	\$1,500.00
651.3001	HECO Pole Riser, 3-Inch	2	Each	2	Each	\$250.00	\$500.00	\$5,309.40	\$10,618.80	\$5,500.00	\$11,000.00	\$100.00	\$200.00
651.3002	Remove HECO Pole Riser	2	Each	2	Each	\$250.00	\$500.00	\$1,769.80	\$3,539.60	\$2,000.00	\$4,000.00	\$37.50	\$75.00
652.1000	HT Ductline, One 2-Inch PVC, Type GT-42, Concrete Encased	90	L.F.	90	L.F.	\$10.00	\$900.00	\$318.50	\$28,665.00	\$150.00	\$13,500.00	\$30.00	\$2,700.00
652.2000	HT Handhole, 2' x 4'	1	EA	1	EA	\$8,500.00	\$8,500.00	\$11,414.80	\$11,414.80	\$10,000.00	\$10,000.00	\$1,500.00	\$1,500.00
652.3001	HT Pole Riser, 2-Inch	2	EA	2	EA	\$250.00	\$500.00	\$1,769.80	\$3,539.60	\$5,000.00	\$10,000.00	\$100.00	\$200.00
652.3002	Remove HT Pole Riser	2	EA	2	EA	\$250.00	\$500.00	\$1,179.90	\$2,359.80	\$2,000.00	\$4,000.00	\$37.50	\$75.00
655.0300	Dumped Riprap (Bridge 3)	2,300	C.Y.	2,300	C.Y.	\$190.00	\$437,000.00	\$360.50	\$829,150.00	\$400.00	\$920,000.00	\$500.00	\$1,150,000.00
655.0310	Dumped Riprap (Bridge 3A)	655	C.Y.	655	C.Y.	\$200.00	\$131,000.00	\$383.90	\$251,454.50	\$400.00	\$262,000.00	\$350.00	\$229,250.00
671.0100	Protection of Endangered Species	F.A.	F.A.	F.A.	F.A.	F.A.	\$100,000.00	F.A.	\$100,000.00	F.A.	\$100,000.00	F.A.	\$100,000.00
692.0100	Voluntary Partnering	F.A.	F.A.	F.A.	F.A.	F.A.	\$10,000.00	F.A.	\$10,000.00	F.A.	\$10,000.00	F.A.	\$10,000.00
693.2010	Terminal Impact Attenuator (QuadGuard M10 24")	L.S.	L.S.	L.S.	L.S.	L.S.	\$130,000.00	L.S.	\$116,363.20	L.S.	\$110,000.00	L.S.	\$180,000.00
693.2020	Terminal Impact Attenuator (MSKT-SP-MGS, TL-3)	L.S.	L.S.	L.S.	L.S.	L.S.	\$25,000.00	L.S.	\$22,417.30	L.S.	\$30,000.00	L.S.	\$160,000.00
693.2030	Terminal Impact Attenuator (MSKT-SP-MGS, TL-2)	L.S.	L.S.	L.S.	L.S.	L.S.	\$7,000.00	L.S.	\$5,604.40	L.S.	\$6,000.00	L.S.	\$7,500.00
693.2040	Terminal Impact Attenuator (Inertial Barrier System: Tau-II, Absorb 350 or Other NCHRP 350 Approved; MASH 2016 Approved Crash Cushion)	L.S.	L.S.	L.S.	L.S.	L.S.	\$80,000.00	L.S.	\$5,604.40	L.S.	\$100,000.00	L.S.	\$176,000.00
694.0100	Archeological Monitoring	F.A.	F.A.	F.A.	F.A.	F.A.	\$250,000.00	F.A.	\$250,000.00	F.A.	\$250,000.00	F.A.	\$250,000.00
696.0100	Field Office Trailer (Not To Exceed \$32,000)	L.S.	L.S.	L.S.	L.S.	L.S.	\$32,000.00	L.S.	\$30,000.00	L.S.	\$32,000.00	L.S.	\$32,000.00
696.1000	Maintenance of Trailers	F.A.	F.A.	F.A.	F.A.	F.A.	\$50,000.00	F.A.	\$50,000.00	F.A.	\$50,000.00	F.A.	\$50,000.00
698.0100	Training (8 Trainees)	1,000	HOUR	1,000	HOUR	\$24.00	\$24,000.00	\$80.50	\$80,500.00		\$1,000.00	\$1.00	\$1,000.00
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	TABULATION OF BIDS												
PROJECT: PROJECT NO.:  NET LENGTH: ISLAND: DISTRICT: TYPE CODE:  DATE ADVERTISED: BID OPENED:	0.25 Miles Oahu Waianae 04, 11, 43	** NOTE: Qual these columns a	are for in-house			GRACE PA	CIFIC LLC	*** <b>/</b>	NAN, INC.		RASTRUCTURE T CO.	DEPAR TRANSF	OF HAWAII TMENT OF ORTATION YS DIVISION
ITEM NO.	ITEM	**APPROX. QUANTITY	UNITS	**APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
600 1000	Mobilization (Not to Exceed 6 percent of the Sum of All Items Excluding the Bid Price of This Item).	L.S.	L.S.	L.S.	L.S.	L.S.	\$970,611.00		\$845,000.00		\$1,660,000.00		\$1,287,845.89
	Sum of All Items						\$19,297,777.00		* \$24,464,286.80	*	\$33,889,047.00		\$22,751,944.13
			*** Bid Rejected	I due to missing F	P-Sheet.				* Corrected Amour	nt			
			**** Bid Rejecte	d due to listing m	ultiple subcontra	ctors with same s	cope of work.		** Missing Amounts				
	I certify that this is a true and correct tabulation of bids for this project.												
		. 22 2024											
		1 22, 2021											
	Henry Kennedy, Project Manager	Date											