PROJECT: Farrington Highway Pavement Preventive Maintenance Keananoio Bridge to Palailai Interchange								,			
PROJECT NO.: 93A-01-06M NET LENGTH OF PROJECT: 3.52 Miles										OT 4 TF	05.110.040.11
ISLAND: Oahu DISTRICT: Ewa			JAS. W. 0	GLOVER, LTD.		E PACIFIC		BUILDERS	STATE OF HAWAII DEPARTMENT OF		
** NOTE:  DATE ADVERTISED: Internet Posting - May 26, 2010  Quantities					CORPORATION		CORPORATION		TRANSPORTATION HIGHWAYS DIVISION		
shown in this column are for in-					·						
COMPLETION TIME: One Hundred Forty Nine (149) Working Days		house use only.				·					
ITEM NO.	ITEM	**APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
209.1000	Installation, Maintenance, Monitoring and Removal of BMP	L.S.	L.S.	L.S	\$24,500.00	L.S.	\$19,390.00	L.S.	\$32,400.00	L.S.	\$80,000.00
209.2000	Additional Water Pollution, Dust, and Erosion Control	F.A.	F.A.	F.A.	\$80,000.00	F.A.	\$80,000.00	F.A.	\$80,000.00	F.A.	\$80,000.00
312.0100	Hot Mix Glassphalt Base Course	1,725	TON	\$165.50	\$285,487.50	\$159.50	\$275,137.50	\$155.40	\$268,065.00	\$225.00	\$388,125.00
402.0150	Superpave Asphalt Concrete Pavement	14,007	TON	\$173.50	\$2,430,214.50	\$153.00	\$2,143,071.00	\$167.80	\$2,350,374.60	\$225.00	\$3,151,575.00
414.0100	Excavation of Weakened Pavement Areas	817	C.Y.	\$60.00	\$49,020.00	\$121.50	\$99,265.50	\$83.90	\$68,546.30	\$200.00	\$163,400.00
415.0150	Cold Planing	164,684	S.Y.	\$2.50	\$411,710.00	\$2.75	\$452,881.00	\$3.20	\$526,988.80	\$5.00	\$823,420.00
603.4000	Clean Existing Culverts	F.A.	F.A.	F.A.	\$25,000.00	F.A.	\$25,000.00	F.A.	\$25,000.00	F.A.	\$25,000.00
604.4100	Adjusting Storm Drain Manhole Frame and Cover	2	EACH	\$1,725.00	\$3,450.00	\$1,107.00	\$2,214.00	\$1,210.00	\$2,420.00	\$1,200.00	\$2,400.00
604.4300	Adjusting Hawaiian Telcom Manhole Frame and Cover	5	EACH	\$2,100.00	\$10,500.00	\$1,107.00	\$5,535.00	\$1,210.00	\$6,050.00	\$1,200.00	\$6,000.00
604.4540	Adjusting HECo Manhole Frame and Cover	1	EACH	\$1,850.00	\$1,850.00	\$1,107.00	\$1,107.00	\$1,210.00	\$1,210.00	\$1,200.00	\$1,200.00
613.0200	Adjusting Centerline and Reference Survey Monument	4	EACH	\$1,325.00	\$5,300.00	\$1,107.00	\$4,428.00	\$1,210.00	\$4,840.00	\$1,000.00	\$4,000.00
623.3060	Traffic Signal Assembly (LED, One-Way, 12-Inch, 1-3 Section Vertical with Mast Arm Mounting)	4	EACH	\$990.00	\$3,960.00	\$5,250.00	\$21,000.00	\$5,250.00	\$21,000.00	\$1,100.00	\$4,400.00
623.3070	Approach-Only Microwave Vehicle Detector	2	EACH	\$1,190.00	\$2,380.00	\$1,993.00	\$3,986.00	\$1,890.00	\$3,780.00	\$200.00	\$400.00
623.4001	Traffic Signal Back Plate (Louvered, Black)	4	EACH	\$225.00	\$900.00	\$557.00	\$2,228.00	\$530.00	\$2,120.00	\$150.00	\$600.00
623.6100	Adjust Traffic Signal Pullbox Frame and Cover	10	EACH	\$1,475.00	\$14,750.00	\$1,785.00	\$17,850.00	\$1,210.00	\$12,100.00	\$2,000.00	\$20,000.00
623.6200	Adjust Highway Lighting Pullbox Frame and Cover	2	EACH	\$1,475.00	\$2,950.00	\$1,785.00	\$3,570.00	\$1,210.00	\$2,420.00	\$2,000.00	\$4,000.00
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Sheet No. 1 of 4 Sheets

PROJECT	Farrington Highway Pavement Preventive Maintenance			; .				• • • • •		and the second section of the section of t		
Keananoio Bridge to Palailai Interchange												
PROJECT NO.: 93A-01-06M NET LENGTH OF PROJECT: 3.52 Miles										STATE OF HAWAII		
ISLAND: Oahu DISTRICT: Ewa ** NOTE:			JAS. W. (	GLOVER, LTD.	GRACE PACIFIC CORPORATION		ROAD BUILDERS		DEPARTMENT OF			
DATE ADV	DATE ADVERTISED: Internet Posting - May 26, 2010  Quant show					OOM ONATION		CORPORATION		TRANSPORTATION HIGHWAYS DIVISION		
BID OPEN	BID OPENED: June 24, 2010											
COMPLET	COMPLETION TIME: One Hundred Forty Nine (149) Working Days		are for in- house use only.									
ITEM NO.	ITEM	**APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	
623.7051	Loop Detector Sensing Unit (6 Feet X 6 Feet) Two Loops	4	EACH	\$2,250.00	\$9,000.00	\$1,174.00	\$4,696.00	\$1,120.00	\$4,480.00	\$800.00	\$3,200.00	
623.7054	Loop Detector Sensing Unit (6 Feet X 6 Feet) Four Loops	5	EACH	\$3,595.00	\$17,975.00	\$2,346.00	\$11,730.00	\$2,230.00	\$11,150.00	\$3,200.00	\$16,000.00	
623.7056	Loop Detector Sensing Unit (6 Feet X 6 Feet) Six Loops	2	EACH	\$5,840.00	\$11,680.00	\$3,519.00	\$7,038.00	\$3,340.00	\$6,680.00	\$4,000.00	\$8,000.00	
626.0300	Adjusting Irrigation Manhole Frame and Cover	2	EACH	\$1,720.00	\$3,440.00	\$1,785.00	\$3,570.00	\$1,210.00	\$2,420.00	\$1,200.00	\$2,400.00	
626.0310	Adjusting Irrigation Valve Box Frame and Cover	2	EACH	\$1,720.00	\$3,440.00	\$1,882.00	\$3,764.00	\$1,210.00	\$2,420.00	\$1,000.00	\$2,000.00	
626.0320	Adjusting Water Manhole Frame and Cover	11	EACH	\$1,720.00	\$18,920.00	\$1,107.00	\$12,177.00	\$1,210.00	\$13,310.00	\$1,200.00	\$13,200.00	
626.0330	Adjusting Water Air Valve Box Frame and Cover	4	EACH	\$1,720.00	\$6,880.00	\$1,107.00	\$4,428.00	\$1,210.00	\$4,840.00	\$1,000.00	\$4,000.00	
626.0340	Adjusting Water Valve Box Frame and Cover	29	EACH	\$1,720.00	\$49,880.00	\$1,107.00	\$32,103.00	\$1,210.00	\$35,090.00	\$1,000.00	\$29,000.00	
629.1010	4-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion)	4,540 LF	L.S.	L.S.	\$6,315.00	L.S.	\$6,875.00	L.S.	\$6,530.00	L.S.	\$13,620.00	
629.1011	4-Inch Pavement Striping (Tape, Type II or Thermoplastic Extrusion)	92,495 LF	L.S.	L.S.	\$121,230.00	L.S.	\$131,953.00	L.S.	\$125,170.00	L.S.	\$184,990.00	
629.1012	4-Inch Pavement Striping (Tape, Type III or Thermoplastic Extrusion)	4,150 LF	L.S.	L.S.	\$3,660.00	L.S.	\$3,985.00	L.S.	\$3,780.00	L.S.	\$16,600.00	
629.1013	8-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion)	1,740 LF	L.S.	L.S.	\$5,265.00	L.S.	\$5,732.00	L.S.	\$5,440.00	L.S.	\$6,960.00	
629.1014	8-Inch Pavement Striping (Tape, Type II or Thermoplastic Extrusion)	7,290 LF	L.S.	L.S.	\$18,640.00	L.S.	\$20,290.00	L.S.	\$19,250.00	L.S.	\$36,450.00	
629.1015	12-Inch Pavement Striping (Tape, Type II or Thermoplastic Extrusion)	1,290 LF	L.S.	L.S.	\$5,000.00	L.S.	\$5,452.00	L.S.	\$5,180.00	L.S.	\$10,320.00	

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DATE ADVERTISED: Internet Posting - May 28, 2010 BID OPENED: June 24, 2010 COMPLETION TIME: One Hundred Forty Nine (149) Working Days TEM NO.   THEM   OUANTITY   OUT USED   UNIT PRICE   AMOUNT   UNI	PROJECT: Farrington Highway Pavement Preventive Maintenance Keananoio Bridge to Palailai Interchange							, , , , , , , , , , , , , , , , , , , ,					
SLAND   Own   DISTRICT: Eva   DATE ADVERTISED. Internet Posting - May 28, 2010   DISTRICT: Eva   DATE ADVERTISED. Internet Posting - May 28, 2010   District   DATE ADVERTISED. Internet Posting - May 28, 2010   District   DATE ADVERTISED. Internet Posting - May 28, 2010   District   DATE ADVERTISED. Internet Posting - May 28, 2010   District   DATE ADVERTISED. Internet Posting - May 28, 2010   District   DATE ADVERTISED. Internet Posting - May 28, 2010   District   DATE ADVERTISED. Internet Posting - May 28, 2010   DATE ADVERTISED. Internet Striping (Tape, Type III or Thermoplastic Extrusion)   Double - Hinch Pavement Striping (Tape, Type III or Thermoplastic Extrusion)   Double - Hinch Pavement Striping (Tape, Type III or Thermoplastic Extrusion)   Double - Hinch Pavement Striping - May 29, 2010   Date - May 29, 2010   Date - May 29, 2010   Date - May 2010   Date - Ma	PROJECT NO.: 93A-01-06M NET LENGTH OF PROJECT: 3.52 Miles										OT 4 TF	05.110.040.11	
DATE ADVERTISED: Internet Posting - May 28: 2010  GUARATHIS ED. Internet Posting - May 28: 2010  COMPLETION TIME: One Hundred Forty Nine (149) Working Days  TIEM COMPLETION TIME: One Hundred Forty Nine (149) Working Days  APPROX  CAMPTO UNIT UNIT PRICE AMOUNT UNIT	ISLAND: Oahu DISTRICT: Ewa			JAS. W. GLOVER, LTD.		1		i .		DEPARTMENT OF			
COMPLETION TIME: One Hundred Forty Nine (149) Working Days   Process use only.   Pro	DATE ADV	/ERTISED: Internet Posting - May 26, 2010	Quantities				CORPORATION		CORPORATION		HIGHWAYS DIVISION		
COMPLETION TIME: One Hundred Forty Nine (149) Working Days	BID OPEN	BID OPENED: June 24, 2010		this column									
TEM NO.   TEM   QUANTITY   UNIT USED   UNIT PRICE   AMOUNT   UNIT PRICE   AND AND AND	COMPLET	ION TIME: One Hundred Forty Nine (149) Working Days									,		
Thermoplastic Extrusion   September   Striping (Tape, Type II or Thermoplastic Extrusion)   September   Striping (Tape, Type II or Thermoplastic Extrusion)   September   Se	ITEM NO.	ITEM	1	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	
Thermoplastic Extrusion)  629.1019 Double 4-Inch Pavement Striping (Tape, Type III or Thermoplastic Extrusion)  629.1020 Crosswalk Marking (Tape, Type III or Thermoplastic Extrusion)  629.1030 Pavement Arrow (Tape, Type III or Thermoplastic Extrusion)  629.1040 Pavement Word (Tape, Type III or Thermoplastic Extrusion)  629.1050 Pavement Word (Tape, Type III or Thermoplastic Extrusion)  629.1060 Pavement Word (Tape, Type III or Thermoplastic A EA L.S. L.S. \$670.00 L.S. \$665.00 L.S. \$630.00 L.S. \$45.00 L.S. \$629.1040  629.1050 Pavement Symbol (Paint, Tape, Type III or Thermoplastic Extrusion)  629.2010 Type 'A' Pavement Marker 5.278 EA L.S. L.S. L.S. \$44.200.00 L.S. \$46.86.00 L.S. \$45.600 L.S. \$45.60	629.1016		310 LF	L.S.	L.S.	\$1,080.00	L.S.	\$1,179.00	L.S.	\$1,120.00	L.S.	\$2,170.00	
Thermoplastic Extrusion   Crosswalk Marking (Tape, Type III or Thermoplastic Extrusion)   Extrusion   Crosswalk Marking (Tape, Type III or Thermoplastic Extrusion)   L.S. \$6,830.00   L.S. \$10,000.00   L.S. \$1	629.1018	· · · · · · · · · · · · · · · · · · ·	290 LF	L.S.	L.S.	\$325.00	L.S.	\$355.00	L.S.	\$340.00	L.S.	\$1,160.00	
Extrusion   Extrusion   Pavement Arrow (Tape, Type III or Thermoplastic Extrusion)   Pavement Arrow (Tape, Type III or Thermoplastic Extrusion)   L.S.   \$5,125.00   L.S.   \$5,579.00   L.S.   \$5,300.00   L.S.   \$1,000.00	629.1019	· · · · · · · · · · · · · · · · · · ·	380 LF	L.S.	L.S.	\$110.00	L.S.	\$111.00	L.S.	\$110.00	L.S.	\$1,520.00	
Extrusion) 629.1040 Pavement Word (Tape, Type III or Thermoplastic Extrusion) 629.1050 Pavement Symbol (Paint, Tape, Type III or Thermoplastic Extrusion) 629.1050 Pavement Symbol (Paint, Tape, Type III or Thermoplastic Extrusion) 629.2010 Type "A" Pavement Marker 629.2030 Type "C" Pavement Marker 75.278 EA L.S. L.S. \$44,200.00 L.S. \$44,808.00 L.S. \$45,620.00 L.S. \$76,629.2030 Type "C" Pavement Marker 75.278 EA L.S. L.S. \$27,800.00 L.S. \$30,220.00 L.S. \$28,670.00 L.S. \$46,620.00 L.S. \$46,62	629.1020		16 LANES	L.S.	L.S.	\$6,600.00	L.S.	\$7,195.00	L.S.	\$6,830.00	L.S.	\$10,400.00	
Extrusion) 629.1050 Pavement Symbol (Paint, Tape, Type III or Thermoplastic Extrusion) 629.2010 Type "A" Pavement Marker 5,278 EA L.S. L.S. \$44,200.00 L.S. \$48,085.00 L.S. \$45,620.00 L.S. \$76,629.2030 Type "C" Pavement Marker 3,576 EA L.S. L.S. \$27,800.00 L.S. \$30,220.00 L.S. \$28,670.00 L.S. \$46,920.00 L.S. \$46,920.00 L.S. \$46,000 L.S. \$46,0	629.1030	, , , , , , , , , , , , , , , , , , ,	30 EA	L.S.	L.S.	\$5,125.00	L.S.	\$5,579.00	L.S.	\$5,300.00	L.S.	\$9,000.00	
Thermoplastic Extrusion)  629.2010 Type "A" Pavement Marker 5,278 EA L.S. L.S. \$44,200.00 L.S. \$48,085.00 L.S. \$45,620.00 L.S. \$76,629.2030 Type "C" Pavement Marker 3,576 EA L.S. L.S. L.S. \$27,800.00 L.S. \$30,220.00 L.S. \$28,670.00 L.S. \$46,629.2040 Type "D" Pavement Marker 15 EA L.S. L.S. L.S. \$50.00 L.S. \$45,000 L.S. \$28,670.00 L.S. \$46,629.2040 Type "D" Pavement Marker 15 EA L.S. L.S. L.S. \$50.00 L.S. \$45,000 L.S. \$50.00 L.S. \$50.00 L.S. \$50.00 L.S. \$50.00 L.S. \$12,120.00 L.S. \$12,120.0	629.1040		4 EA	L.S.	L.S.	\$670.00	L.S.	\$665.00	L.S.	\$630.00	L.S.	\$4,500.00	
629.2030         Type "C" Pavement Marker         3,576 EA         L.S.         L.S.         \$27,800.00         L.S.         \$30,220.00         L.S.         \$28,670.00         L.S.         \$46,629.2040           629.2040         Type "D" Pavement Marker         15 EA         L.S.         L.S.         \$50.00         L.S.         \$12,775.00         L.S.         \$12,120.00         L.S.         \$13,120.00         L.S.         \$12,775.00         L.S.         \$3,190.00         L.S.         \$3,190.00         L.S.         \$3,190.00         L.S.         \$10,000.00         F.A.         \$10,000.00         F.A.         \$10,000.00         F.A.         \$10,000.00         F.A.         \$10,000.00         F.A.         \$10,000.00         F.A. </td <td>629.1050</td> <td>· · · · · · · · · · · · · · · · · · ·</td> <td>40 EA</td> <td>L.S.</td> <td>L.S.</td> <td>\$150.00</td> <td>L.S.</td> <td>\$111.00</td> <td>L.S.</td> <td>\$110.00</td> <td>L.S.</td> <td>\$12,000.00</td>	629.1050	· · · · · · · · · · · · · · · · · · ·	40 EA	L.S.	L.S.	\$150.00	L.S.	\$111.00	L.S.	\$110.00	L.S.	\$12,000.00	
629.2040         Type "D" Pavement Marker         15 EA         L.S.         L.S.         \$50.00         L.S.         \$45.00         L.S.         \$50.00         L.S.           629.2070         Type "H" Pavement Marker         1,140 EA         L.S.         L.S.         \$11,750.00         L.S.         \$12,775.00         L.S.         \$12,120.00         L.S.         \$13,190.00         L.S.         \$12,775.00         L.S.         \$3,190.00         L.S.         \$12,000.00         L.S.         \$10,000.00         F.A.	629.2010	Type "A" Pavement Marker	5,278 EA	L.S.	L.S.	\$44,200.00	L.S.	\$48,085.00	L.S.	\$45,620.00	L.S.	\$79,170.00	
629.2070         Type "H" Pavement Marker         1,140 EA         L.S.         L.S.         \$11,750.00         L.S.         \$12,775.00         L.S.         \$12,120.00         L.S.         \$13,000         \$13,000.00         L.S.         \$12,775.00         L.S.         \$12,120.00         L.S.         \$13,000.00         L.S.         \$12,775.00         L.S.         \$12,120.00         L.S.         \$13,190.00         L.S.         \$12,120.00	629.2030	Type "C" Pavement Marker	3,576 EA	L.S.	L.S.	\$27,800.00	L.S.	\$30,220.00	L.S.	\$28,670.00	L.S.	\$46,488.00	
639.1000 Curb, Type 6	629.2040	Type "D" Pavement Marker	15 EA	L.S.	L.S.	\$50.00	L.S.	\$45.00	L.S.	\$50.00	L.S.	\$150.00	
643.0100 Maintenance of Existing Landscape Areas F.A. F.A. F.A. \$10,000.00 F.A. \$10,000.00 F.A. \$10,000.00 F.A. \$10,000.00	629.2070	Type "H" Pavement Marker	1,140 EA	L.S.	L.S.	\$11,750.00	L.S.	\$12,775.00	L.S.	\$12,120.00	L.S.	\$13,680.00	
	639.1000	Curb, Type 6	45 LF	L.S.	L.S.	\$7,000.00	L.S.	\$7,044.00	L.S.	\$3,190.00	L.S.	\$2,925.00	
645.0100 Traffic Control L.S. L.S. L.S. \$73,000.00 L.S. \$209,085.00 L.S. \$356,100.00 L.S. \$209	643.0100	Maintenance of Existing Landscape Areas	F.A.	F.A.	F.A.	\$10,000.00	F.A.	\$10,000.00	F.A.	\$10,000.00	F.A.	\$10,000.00	
	645.0100	Traffic Control	L.S.	L.S.	L.S.	\$73,000.00	L.S.	\$209,085.00	L.S.	\$356,100.00	L.S.	\$200,000.00	

Sheet No. 3 of 4 Sheets

PROJECT:	Farrington Highway Pavement Preventive Maintenance Keananoio Bridge to Palailai Interchange										
PROJECT NO.: 93A-01-06M NET LENGTH OF PROJECT: 3.52 Miles										STATE	OF HAWAII
ISLAND: Oahu DISTRICT: Ewa ** NOTE:			JAS. W. GLOVER, LTD.		GRACE PACIFIC CORPORATION		ROAD BUILDERS CORPORATION		DEPARTMENT OF TRANSPORTATION		
DATE ADVERTISED: Internet Posting - May 26, 2010  Quantities shown in										YS DIVISION	
	ED: June 24, 2010	this column are for in- house use	· ·			3					
COMPLET	ION TIME: One Hundred Forty Nine (149) Working Days	only.									:
ITEM NO.	ITEM	**APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
645.0200	Additional Police Officers, Additional Traffic Control Devices, and Advertisement	F.A.	, F.A.	F.A.	\$75,000.00	F.A.	\$75,000.00	F.A.	\$75,000.00	F.A.	\$75,000.00
648.0100	Field-Posted Drawings	L.S.	L.S.	L.S.	\$1,700.00	L.S.	\$607.00	L.S.	\$2,500.00	L.S.	\$3,000.00
699.1000	Mobilization (Not to Exceed 10% of the Sum of All Items Excluding the Bid Price of This Item and Force Account Items)	L.S.	L.S.	L.S.	\$19,703.00	L.S.	\$144,038.00	L.S.	\$230,000.00	L.S.	\$537,170.00
	Sum of All Items				\$3,917,560.00		\$3,962,550.00		\$4,430,744.70		\$6,109,593.00
	Hawaii Products Preference				\$0.00		\$0.00		\$0.00		\$0.00
	Amount for Comparison of Bids				\$3,917,560.00		\$3,962,550.00		\$4,430,744.70		\$6,109,593.00

Project Manager: Christine Yamasaki Date: July 1, 2010