

**STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION**

**ADDENDUM NO. 1
for
HAWAII BELT ROAD RESURFACING
PEPEEKEO TO HAKALAU
NH-019-2(067)**

The following amendments shall be made to the Bid Documents:

A. NOTICE TO BIDDERS

Amend the **NOTICE TO BIDDERS** as follows:

Prospective bidders are hereby notified that receiving of sealed proposal scheduled for June 27, 2014 will be postponed and rescheduled for 2:00 P.M., June 30, 2014. The attached NOTICE TO BIDDERS shall be incorporated and made a part of the NOTICE TO BIDDERS.

B. SPECIAL PROVISIONS

1. Replace page 108-2a dated 2/06/06 with the attached page 108-2a dated r6/24/14
2. Replace page 209-12a dated r2/10/14 with the attached page 209-12a – 209-13a dated 6/10/14.

C. PROPOSAL SCHEDULE

Replace page P-8 thru P-12 dated 10/03/11 with P-8 thru P-12 dated r6/23/14.

D. PLANS

1. Replace Plan Sheet 4 with Plan Sheet ADD. 4
2. Replace Plan Sheet 5 with Plan Sheets ADD. 5A and ADD. 5B.
3. Amend label on Plan Sheet 8, Typical Section at Kolekole & Paheehee Bridge to read: "Repair existing expansion bridge joints, see details on Sheet 8A."

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4. Amend Plan Sheet 6, Pavement Detail "B", by adding the following note to the detail:

"Note: The Contractor may substitute 1.5" HMA Mix V for 1.5" HMA Mix IV for the splashguard portion of this detail. In either case, this work shall be paid for under Item No. 401.0500, HMA Pavement Mix No. IV (Leveling)."
5. Add Plan Sheet No. ADD. 8A.
6. Replace Plan Sheet 30 with Plan Sheets ADD. 30 (change to redwhite RM-5 marker).
7. Amend Plan Sheet 38 Note 2. AC Mix IV shall be paid under Item No. 401.0400 HMA Pavement Mix No. IV.
8. Replace Plan Sheet 40 with Plan Sheets ADD. 40A. and ADD. 40B.


E. PRE-BID MEETING MINUTES

Attached are the June 4, 2014 Pre-Bid Meeting Minutes

F. ADDITIONAL REQUEST FOR INFORMATION

Attached are RFI's and response to RFI's.

Please acknowledge receipt of this Addendum No. 1 by recording the date of its receipt in the space provided on page P- 4 of the Proposal.




for Ford N. Fuchigami
Interim Director of Transportation

Addendum No. 1
6/24/14

NOTICE TO BIDDERS
(Chapter 103D, HRS)

The receiving of SEALED BIDS for HAWAII BELT ROAD RESURFACING
PEPEEKEO TO HAKALAU, FEDERAL AID PROJECT NO. NH-019-2(067),
scheduled for 2:00 P.M., June 27, 2014, at the Contracts Office Department of
Transportation, 869 Punchbowl Street, Honolulu, Hawaii 96813, or at the Office of the
District Engineer – Hilo, 50 Makaala Street, Hilo, Hawaii 96720, is HEREBY
POSTPONED until 2:00 P.M. June 30, 2014, at which time and places they will be
publicly opened and read.



FORD N. FUCHIGAMI
Interim Director of Transportation

(F) Solid Waste. Submit the Solid Waste Disclosure Form for Construction Sites to the Engineer within 30 calendar days of contract execution. Provide a copy of all the disposal receipts from the facility permitted by the Department of Health to receive solid waste to the Engineer monthly. This should also include documentation from any intermediary facility where solid waste is handled or processed, or as directed by the Engineer.

(G) Construction BMP Training. The Contractor's representative responsible for development of the Site-Specific BMP Plan and implementation of Site-Specific BMPs in the field shall attend the State's Construction Best Management Practices Training. The Contractor shall keep training logs updated and readily available.

209.04 Measurement.

(A) Preparation and administration of the Site-Specific BMP Plan will be paid for on a lump sum basis. Measurement for payment will not apply.

(B) Installation, maintenance, monitoring, and removal of BMP will be paid on a force account basis in accordance with Subsection 109.06 – Force Account Provisions and Compensation.

209.05 Payment. The Engineer will pay for accepted pay items listed below at contract price per pay unit, as shown in the proposal schedule. Payment will be full compensation for work prescribed in this section and contract documents.

The Engineer will pay for each of the following pay items when included in proposal schedule:

Pay Item	Pay Unit
Preparation and Administration of Site-Specific BMP Plan	Lump Sum
Installation, Maintenance, Monitoring, and Removal of BMP	Force Account

Preparation and administration of Site-Specific BMP Plan shall include all work for preparing, coordinating, submitting, organizing, and record-keeping related to preparation and execution of the Site-Specific BMP Plan (including scheduling of routine maintenance) and complying with NDPES rules and regulations. This item shall also include furnishing, installation and monitoring of rain gauges, if required.

An estimated amount for force account is allocated in proposal schedule under 'Installation, Maintenance, Monitoring, and Removal of BMP', but actual amount to be paid will be the sum shown on accepted force account records, whether this sum be more or less than estimated amount allocated in proposal schedule. Installation, maintenance, monitoring, and removal of BMP shall include

furnishing prefabricated materials and physically installing, maintaining, inspecting, and removing of erosion control measures at the jobsite. This pay item includes payment for BMP measures requested by the Engineer that are beyond scope of accepted Site-Specific BMP.

No progress payment will be authorized until the Engineer accepts in writing Site-Specific BMP or when the Contractor fails to maintain project site in accordance with accepted BMP.

For all citations or fines received by the Department for non-compliance, including compliance with NPDES Permit conditions, the Contractor shall reimburse State within 30 calendar days for full amount of outstanding cost State has incurred, or the Engineer will deduct cost from progress payment.

The Engineer will assess liquidated damages up to \$27,500 per day for noncompliance of each BMP requirement and all other requirements in this section.

NOTICE TO BIDDERS

(Chapter 103D, HRS)

SEALED BIDS for:

**HAWAII BELT ROAD RESURFACING
PEPEEKEO TO HAKALAU
FEDERAL AID NO. NH-019-2(067)
DISTRICT OF SOUTH HILO
ISLAND OF HAWAII**

will be received at the:

 X Office of the District Engineer -- Hawaii
50 Makaala Street, Hilo, Hawaii 96720

until 2:00 P.M., June 30, 2014 at which time and place(s) they will be publicly opened and read.

A compact disc containing the plans, specifications, proposal, contract forms and may be obtained from the above offices. Bids (hard copies) shall be submitted in a sealed envelope, and shall be on the Proposal Form provided on the compact disc furnished by said Department. Bids received after the established due date and time will not be considered.

The project includes cold planing, paving, reconstructing pavement areas, replacing signage, reconstructing centerline monuments, installing pavement markers and striping. Estimated construction cost over \$15,000,000.

To be eligible for award, bidders must possess a valid State of Hawaii General Engineering Contractor's "A" license, prior to the award of the contract.

A pre-bid conference is set for June 10, 2014 at 9:00 am Hawaii District Office, Building D Classroom, 50 Makaala Street, Hilo Hawaii 96720. All

prospective bidders or their representatives (employees) are encouraged to attend, but attendance is not mandatory. Anything said at the conference is for clarification purposes and any changes to the bid documents will be made by addendum.

Persons needing special accommodations at the pre-bid conference due to a disability may contact, Project Manager Robert Taira, by phone at (808) 933-8866 , by email at robert.taira@hawaii.gov ,or by facsimile at (808) 933-8869.

Campaign contributions by State and County Contractors. Contractors are hereby notified of the applicability of Section 11-355, HRS, which states that campaign contributions are prohibited from specified State or county government contractors during the term of the contract if the contractors are paid with funds appropriated by the legislative body. For more information, contact the Campaign Spending Commission at (808) 586-0285.

The U.S. Department of Transportation Regulation entitled "Nondiscrimination in Federally-Assisted Programs of the U.S. Department of Transportation," Title 49, Code of Federal Regulations (CFR), Part 21 is applicable to this project. Bidders are hereby notified that the Department of Transportation will affirmatively ensure that the contract entered into pursuant to this advertisement will be awarded to the lowest responsible bidder without discrimination on the grounds of race, color, national origin or sex (as directed by 23 CFR Part 200).


The Equal Employment Opportunity Regulations of the Secretary of Labor implementing Executive Order 11246, as amended shall be complied with on this project.

The U.S. Department of Transportation Regulations entitled "Participation by Disadvantaged Business Enterprise in Department of Transportation Programs", Title 49, Code of Federal Regulations, Part 26 is applicable to this project. Bidders are hereby notified that the Department of Transportation will strictly enforce full compliance with all of the requirements of the Disadvantaged Business Enterprise (DBE) program with respect to this project.

Bidders are directed to read and be familiar with the Disadvantaged Business Enterprise (DBE) Requirements for Federal-Aid Projects regarding Disadvantaged Business Enterprise (DBE), which establishes the program requirements pursuant to Title 49 Code of Federal Regulations Part 26 and, particularly, the requirements of certification, method of award, and evidence of good faith.

For additional information on this project, contact Robert Taira at (808) 933-8866 or Harry Takiue at (808) 933-8866, by email at harry.h.takiue@hawaii.gov or by mail at 50 Makaala St, Hilo HI 96720.

The State reserves the right to reject any or all proposals and to waive any defects in said proposals for the best interest of the public.



Ford N. Fujigami
Interim Director of Transportation

Internet Posting: May 30, 2014

or For Contract Time 100 Working Days or 140 Calendar Days or Less."

(V) Amend **Subsection 108.08 - Liquidated Damages for Failure to Complete the Work or Portions of the Work on Time** by revising line 599 to read as follows:

"to the State, in the amount of \$ 2,100 per working day."

(VI) Amend **Subsection 108.09 - Rental Fees for Unauthorized Lane Closure or Occupancy** from lines 635 to 644 to read as follows:

"108.09 Rental Fees for Unauthorized Lane Closure or Occupancy. In addition to all other remedies available to the State for Contractor's breach of the terms of the contract, the Engineer will assess the rental fees in the amount of \$500 for every one-to fifteen-minute increment for each roadway lane closed to the public use or occupied beyond the time periods authorized in the contract or by the Engineer. The maximum amount assessed per day shall be \$5,000. The State may, at its discretion, deduct the amount from monies due or that may become due under the contract. The rental fee may be waived in whole or part if the Engineer determines that the unauthorized period of lane closure or occupancy was due to factors beyond the control of the Contractor. Equipment breakdown is not a cause to waive liquidated damages."

(VII) Amend **Subsection 108.14 – Final Acceptance** from lines 984 to 991 to read as follows:

"108.14 Final Acceptance. When the Engineer finds that the project has been satisfactorily completed in compliance with the contract, the Engineer will notify the Contractor in writing of the project's completion and acceptance effective as of the date of the final inspection. The final acceptance date shall determine end of contract time, liquidated damages for failure to complete the punchlist and commencement of all guaranty periods subject to Subsection 108.16 – Contractor's Responsibility for Work; Risk of Loss or Damage."

END OF SECTION 108

(F) Solid Waste. Submit the Solid Waste Disclosure Form for Construction Sites to the Engineer within 30 calendar days of contract execution. Provide a copy of all the disposal receipts from the facility permitted by the Department of Health to receive solid waste to the Engineer monthly. This should also include documentation from any intermediary facility where solid waste is handled or processed, or as directed by the Engineer.

(G) Construction BMP Training. The Contractor's representative responsible for development of the Site-Specific BMP Plan and implementation of Site-Specific BMPs in the field shall attend the State's Construction Best Management Practices Training. The Contractor shall keep training logs updated and readily available.

209.04 Measurement.

(A) Preparation and administration of the Site-Specific BMP Plan will be paid for on a lump sum basis. Measurement for payment will not apply.

(B) Installation, maintenance, monitoring, and removal of BMP will be paid on a force account basis in accordance with Subsection 109.06 – Force Account Provisions and Compensation.

209.05 Payment. The Engineer will pay for accepted pay items listed below at contract price per pay unit, as shown in the proposal schedule. Payment will be full compensation for work prescribed in this section and contract documents.

The Engineer will pay for each of the following pay items when included in proposal schedule:

Pay Item	Pay Unit
Preparation and Administration of Site-Specific BMP Plan	Lump Sum
Installation, Maintenance, Monitoring, and Removal of BMP	Force Account

Preparation and administration of Site-Specific BMP Plan shall include all work for preparing, coordinating, submitting, organizing, and record-keeping related to preparation and execution of the Site-Specific BMP Plan (including scheduling of routine maintenance) and complying with NDPES rules and regulations. This item shall also include furnishing, installation and monitoring of rain gauges, if required.

An estimated amount for force account is allocated in proposal schedule under 'Installation, Maintenance, Monitoring, and Removal of BMP', but actual amount to be paid will be the sum shown on accepted force account records, whether this sum be more or less than estimated amount allocated in proposal schedule. Installation, maintenance, monitoring, and removal of BMP shall include

furnishing prefabricated materials and physically installing, maintaining, inspecting, and removing of erosion control measures at the jobsite. This pay item includes payment for BMP measures requested by the Engineer that are beyond scope of accepted Site-Specific BMP.

No progress payment will be authorized until the Engineer accepts in writing Site-Specific BMP or when the Contractor fails to maintain project site in accordance with accepted BMP.

For all citations or fines received by the Department for non-compliance, including compliance with NPDES Permit conditions, the Contractor shall reimburse State within 30 calendar days for full amount of outstanding cost State has incurred, or the Engineer will deduct cost from progress payment.

The Engineer will assess liquidated damages up to \$27,500 per day for non-compliance of each BMP requirement and all other requirements in this section.

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
209.0100	Preparation and Administration of Site-Specific BMP Plan	L.S.	L.S.	L.S.	\$ _____
209.0200	Installation, Maintenance, Monitoring, and Removal of BMP	F.A.	F.A.	F.A.	\$ <u>90,000.00</u>
312.1000	Hot Mix Glassphalt Base Course	L.S.	L.S.	L.S.	\$ _____
401.0400	HMA Pavement Mix No. IV	24,000	Ton	\$ _____	\$ _____
401.0500	HMA Pavement Mix No. IV (Leveling)	10,000	Ton	\$ _____	\$ _____
414.0100	Reconstruction at Hakalau	L.S.	L.S.	L.S.	\$ _____
414.0200	Reconstruction at Truck Climbing Lane	L.S.	L.S.	L.S.	\$ _____
414.0300	Minor Distress Areas	1,150	Ton	\$ _____	\$ _____
414.0400	Severe Distress Areas	1,690	Ton	\$ _____	\$ _____
414.0500	Additional Paved Shoulder	L.S.	L.S.	L.S.	\$ _____
603.1000	Clean Existing Culverts	F.A.	F.A.	F.A.	\$ <u>100,000.00</u>
606.3100	Guardrail Type 3 W-Beam with Strong Post	L.S.	L.S.	L.S.	\$ _____
606.7000	Terminal Section Type "G"	L.S.	L.S.	L.S.	\$ _____
606.7100	Terminal Section Type Modified A-1 with Rubrail	L.S.	L.S.	L.S.	\$ _____

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PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
606.7200	Terminal Section Type ET Plus	L.S.	L.S.	L.S.	\$ _____
613.0100	New Centerline and Reference Survey Monuments	1	EA	\$ _____	\$ _____
613.0200	Adjusting Centerline and Reference Survey Monuments	1	EA	\$ _____	\$ _____
613.0300	Reconstruct Centerline and Reference Survey Monuments	16	EA	\$ _____	\$ _____
626.0100	Adjusting Sewer Manhole Frame and Cover	L.S.	L.S.	L.S.	\$ _____
629.1011	Single 4-Inch White Pavement Striping (Thermoplastic Extrusion)	L.S.	L.S.	L.S.	\$ _____
629.1012	Single 8-Inch White Pavement Striping (Thermoplastic Extrusion)	L.S.	L.S.	L.S.	\$ _____
629.1013	Single 4-Inch Yellow Pavement Striping (Thermoplastic Extrusion)	L.S.	L.S.	L.S.	\$ _____
629.1014	Double 4-Inch Yellow Pavement Striping (Thermoplastic Extrusion)	L.S.	L.S.	L.S.	\$ _____
629.1018	Single 12-Inch White Pavement Striping (Thermoplastic Extrusion)	L.S.	L.S.	L.S.	\$ _____
629.1019	Single 12-Inch Yellow Pavement Striping (Thermoplastic Extrusion)	L.S.	L.S.	L.S.	\$ _____
629.1030	Standard Left Turn Pavement Arrow (Thermoplastic Extrusion)	L.S.	L.S.	L.S.	\$ _____
629.1040	Standard Right Turn Pavement Arrow (Thermoplastic Extrusion)	L.S.	L.S.	L.S.	\$ _____
629.2020	Type A Pavement Markers	L.S.	L.S.	L.S.	\$ _____

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PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.2030	Type C Pavement Markers	L.S.	L.S.	L.S.	\$ _____
629.2040	Type D Pavement Markers	L.S.	L.S.	L.S.	\$ _____
629.2050	Type J Pavement Markers	L.S.	L.S.	L.S.	\$ _____
629.2060	Type H Pavement Markers	L.S.	L.S.	L.S.	\$ _____
630.0100	Panel for Destination Sign	446	S.F.	\$ _____	\$ _____
630.0200	Breakaway Steel Post W8x18 and Foundation for Ground-Mounted Destination Sign	L.S.	L.S.	L.S.	\$ _____
630.0100	Regulatory Sign (More Than 10 Square Feet) with Post	L.S.	L.S.	L.S.	\$ _____
631.0200	Regulatory Sign (10 Square Feet or Less) with Post	L.S.	L.S.	L.S.	\$ _____
631.0300	Warning Sign (More Than 10 Square Feet) with Post	L.S.	L.S.	L.S.	\$ _____
631.0400	Warning Sign (10 Square Feet or Less) with Post	L.S.	L.S.	L.S.	\$ _____
632.0100	Reflector Marker (RM-3, Yellow) with Flexible Delineator	L.S.	L.S.	L.S.	\$ _____
632.1200	Reflector Marker RM-3 (Bi-Directional) with Post	L.S.	L.S.	L.S.	\$ _____
643.1000	Maintenance of Existing Landscape Areas	F.A.	F.A.	F.A.	\$ <u>50,000.00</u>
645.1000	Traffic Control	L.S.	L.S.	L.S.	\$ _____

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PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
645.2000	Additional Police Officers, Additional Traffic Control Devices, And Advertisement	F.A.	F.A.	F.A.	\$ <u>50,000.00</u>
648.0100	Field-Posted Drawings	L.S.	L.S.	L.S.	\$ _____
660.1000	Furnishing Probing and Grouting Equipment	L.S.	L.S.	L.S.	\$ _____
660.1100	Probe Holes (6-Inch Diameter)	12,120	L.F.	\$ _____	\$ _____
660.1110	Probe Holes (Additional)	F.A.	F.A.	F.A.	\$ <u>73,000.00</u>
660.1200	Grouting of Probe Holes	1,410	C.Y.	\$ _____	\$ _____
660.1210	Grouting of Probe Holes (Additional)	F.A.	F.A.	F.A.	\$ <u>150,000.00</u>
661.0100	Repair of Expansion Joints	L.S.	L.S.	L.S.	\$ _____
694.0100	Project Sign	L.S.	L.S.	L.S.	\$ _____
696.1000	Field Office Trailer (Not to Exceed \$32,000)	L.S.	L.S.	L.S.	\$ _____
696.2000	Maintenance of Trailers	F.A.	F.A.	F.A.	\$ <u>22,000.00</u>
699.1000	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.	\$ _____

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PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
a.	Sum of All Items				\$ _____
b.	Either Furnish Foreign Steel Not to Exceed Minimal Amount (Fill in '0') or Furnish Foreign Steel in Excess of Minimal Amount (Fill in 25% x a)				\$ _____
c.	Amount for Comparison of Bids (a + b)				\$ _____
All bidders must fill in b and complete c					
NOTE: Bidders must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bid.					

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MINUTES FOR PRE-BID MEETING

PROJECT: Hawaii Belt Road Resurfacing
Pepeekeo to Hakalau

PROJECT NO.: NH-019-2(067)

LOCATION: Building D Classroom, 50 Makaala Street, Hilo, Hawaii

DATE & TIME: Tuesday, June 10, 2014 at 9:00 a.m.

IN ATTENDANCE: Robert Taira DOT, Hawaii District Design
Julann Sonomura DOT, Hawaii District Construction
Sterling Chow DOT, Hawaii District Assistant District Engineer
Dennis Yokomizu Jas. W. Glover

Project Manager Robert Taira began the meeting with a brief overview of the project and opened up the floor for discussions.

Plans:

- A. Plan Sheet 3, Note 13. Is the sawcut required for daily paving?

Response: This is covered within the plans and specifications. The Contractor shall bid accordingly.

- B. Plan Sheet 3, Note 21. How will transverse drop-offs be handled for longitudinal joints?

Response: This is covered within the plans and specifications. The Contractor shall bid accordingly.

- C. Plan Sheet 3, Note 15. How will payment for Public Notice be made?

Response: This shall be paid for by force account under item 645.2000, Additional Police Officers, Additional Traffic Control Devices, and Advertisement.

- D. Plan Sheet 3, Note 16. Have stockpile areas been designated for this project?

Response: No. Stockpile areas will be designated prior to Notice to Proceed. The stockpile areas may or may not be designated within the project limits.

- E. Plan Sheets 4 and 5. HDOT brought to the attention of the Contractors that these sheets are obsolete and new sheets will be issued in an addendum.

- F. Plan Sheet 6. Typical Section on Tangent shown at 2% slope. HDOT explained that the intention of the project was to follow existing roadway conditions and the typical conditions were 2%. It is not the intention of the project to reconstruct the crown at 2%.

- G. Plan Sheet 6. Pavement Detail "A" shows a leveling course as directed by the Engineer. HDOT brought to the attention of the Contractors that project includes many areas where the pavement conditions are such that leveling may be required.

- H. Plan Sheet 6, Pavement Detail "B". It was suggested that the 1.5" HMA Mix IV be changed to HMA Mix V.

Response: See changed detail noted in Addendum 1.

- I. Plan Sheet 7. Will macadam pavement structure be encountered during any of the proposed reconstruction of pavement areas?

Response: According to our records, macadam may be encountered at a depth of 7.5 inches between station 31+95 to station 27+00

- J. Plan Sheet 8. HDOT brought to the attention of the Contractors that the bridge joint detail is missing from this sheet. This will be corrected by addendum.

- K. Plan Sheet 9. What are the exact limits of reconstruction into the shoulder areas?

Response: The reconstruction limits include 8 feet shoulders on both sides of the roadway.

- L. Plan Sheet 9. Is the intention of the geotextile fabric and geogrid to be lain flat (no fold-overs)?

Response: Yes.

- M. Plan Sheets 17 and 20. Staging Areas 1 and 2 are shown. What is the purpose of these staging areas?

Response: These areas are designated for the Contractor's optional use for temporary storage of equipment and supplies.

- N. Plan Sheet 23. Will sign posts need to be painted yellow under this project?

Response: Yes, see note 7 on Plan Sheet 23.

Special Provisions:

- O. Section 209, Temporary Water Pollution, Dust and Erosion Control calls for payment of erosion control measures on a lump sum basis. Can the State consider putting detailed site-specific plans so that the Contractors might better estimate what they are bidding on?

Response: Payment items have been changed to help reduce the Contractor's risk. See Addendum No. 1, changes to Section 209.

General Questions:

- P. Is hauling of cold-planed material off-site considered to be work applicable for Davis-Bacon wages?

Response: Generally-speaking, yes. Specific questions in this area should be submitted to the Department of Labor and Industrial Relations.

RFI'S AND RESPONSE

PROJECT: Hawaii Belt Road Resurfacing
Pepeekeo to Hakalau

PROJECT NO.: NH-019-2(067)

1. Special Provisions, Section 108 – Prosecution and Progress, Subsection 108.08 – Liquidated Damages for Failure to Complete the Work or Portions of the Work on Time reads "to the State in the amount of \$ _____ per working day." How much are the liquidated damages for this project?

Answer: See Addendum No.1

2. Is an NPDES permit required for this project?

Answer: No

3. Are boring logs available for this project?

Answer: No.

4. Plan Sheets No. 8, Typical Section at Kolekole & Paheehee Bridge calls out "Repair existing expansion joints, see detail this sheet." But no detail is provided for the repair of the bridge joints. Please provide the detail for repairing the existing expansion bridge joints.

Answer: See Addendum No. 1

5. Are cross sections available for this project?

Answer: No.

6. Guardrail schedule shows the Station to Station location for the guardrail, with the Guardrail footage being the difference between the station. Does the end treatments fall within these stations, resulting in the actual footage of the guardrail being less by the lengths of the end treatments? Please refer to Note 5, on sheet 30 of the project drawings. It states "All new guardrail system (system consist of total length of guardrail including both end treatments) shall include the additional paved area." What is the interpretation of this note?

Answer: The plans and specifications are self-explanatory. Contractor is advised to bid accordingly.

7. There is no information stated in either the Standard Specification/ Special Provisions or the project drawings about disposal of the removed guardrail items. Does the contract remove and dispose of all guardrail material, including end treatments and the existing guardrails? Or is any of the material turned over to the State Department of Transportation? If so, where are the materials to be delivered? Will forklift be available for unloading material?

Answer: The Contractor is responsible for removal of guardrail items and should bid accordingly.

8. Can any area be left open without guardrails overnight? If so, what type of barricades will be required?

Answer: No.

9. Proposal calls out "Modified A-1 w/ Rubrail. Many of the Type A terminals do not have rubrail. Is it the intent now to have all the "Modified A-1" terminals to be installed with rubrail?

Answer: Yes.

10. Refer sheet 3, detail on "Typical Paving Under New Guardrail." What does "Machine Work" mean? Does this mean that the guardrail installation must come after the shoulders are paved?

Answer: The note is simply provided to caution Contractors that the State expects the work to be done by machine (as part of the shoulder paving), prior to installation of new guardrail. The State will not entertain claims for increased cost of hand paving due to the Contractor's choice to hand-pave after installation of new guardrail. However, the Contractor is free to choose his methodology, provided the finished product meets specifications.

11. There is no Bid Item in the current proposal for Destination Signs." Will an item be issued for the Destination signs?

Answer: See Addendum No. 1 Proposal Schedule dated 6/24/14 Bid Item No. 630.0100 Panel for Destination Sign.

12. There are currently 8 destination signs listed on the sign schedule. Bid Item 630.0200 – Breakaway Steel Post W8x18 and Foundation for Ground Mounted Destination Sign. There are six Destination signs 63 to 70 sf. However, there is one sign, D-2 that is only 33.35 sf. and a D-3 sign, that is only 13.5 sf. Per standard Plans TE-20, the W8x18 post would be correct for six of the signs, however, a W6x12 post would be probably correct of the 33.45 sf. sign, since the "up to 30 sf." is based on height from ground to middle of sign. D-2 is only 3.5 sf. high, therefore, 7 ft. clear + 1.75 ft. is only 8.75 ft. The D-3 sign of only 13.5 sf. should probably be installed on with channel or square post. Please confirm.

Answer: The Contractor shall bid according to the plans and specifications.

13. Removal & Disposal of Existing Destination Signs and Regulatory & Warning Signs. Standard Specifications states that Engineer will determine whether signs are to be stored or disposed of. Since this will determine how the existing signs are to be handled when removing them, please make a determination on what signs are to be cleaned and stored for the State.

Answer: These items are typically taken care of during the contract period. The Contractor shall bid accordingly.

14. There is no mention of the existing sign post that are removed, therefore it is assumed that the sign post become the property of the contractor and are disposed by contractor. Is this correct?

Answer: Yes.

15. Plans indicate new RM-4 markers, there is no bid item for this, is this to be incidental to another bid item, if so, which item?

Answer: RM-4 on Sheets 26 & 27 are incorrectly labeled. They should be labeled as Object Markers Type III and shall be paid for under Bid Item No. 631.0200 Regulatory Sign (10 Square Feet or Less) with Post.

16. Per Sign schedule there are few signs that are not Regulatory or Warning, example: "adopt a highway" Is this incidental to a bid item? If so, which item?

Answer: Adopt-a-Highway sign are to remain. Other undesignated signs such as "Honolulu Solid Waste" & "Heritage Route" shall be paid for under Bid Item No. 631.0400 Warning Sign (10 Square Feet or Less) with Post.

16. Will the State provide required details for the destination signs, such as letter size? There are no standards by which the signs are to be fabricated.

Answer: No. The Contractor shall follow the existing signs as examples and shall submit shop drawings to the Engineer for acceptance prior to installation.

17. Please clarify the locations for the "Pavement Detail B" shown on typical section sheet 6.

Answer: This detail is typical for all roadway cut sections.

18. What does "GRS" stand for?

Answer: GRS (Geotextile Reinforced Section) the section that is reinforced by geotextile fabric. See Plan Sheet 9 for details.

19. Why does item #660.1100 require so much grout? STA 31+95 to STA. 27+95 = 180 EA x 15' - 8" L. x 6" DIA. = 554 CY grout.

Answer: Payment is by linear feet (LF) not by cubic yards (CY)

20. The typical pavement edge detail on sheet 7 says to dress shoulder with cold planed material from this job. If there's more dressing material needed than amount of cold planed material available, do we import base course material? If so, how will this item be paid?

Answer: We do not anticipate the need for additional import material.

21. Is the Reconstruction at Hakalau Lanes from Sta. 31+95 to Sta. 27+95 as shown on table sheet 9 or is it to Sta. 27+00 as shown on sheet 21?

Answer: The label in Sheet 9 is in error. Reconstruction at Hakalau is from Station 31+95 to Station 27+00 as shown on Sheet 21.

22. What are the limits of the Reconstruction at Truck Climbing Lanes? Is it EP to EP or ES to ES? Or is it just the 1 or 2 lanes where the trucks are actually "climbing"?

Answer: Edge of paved shoulder (ES) to edge of paved shoulder (ES)

23. No #2 on sheet 38 refers to proposal items 401.0501 and 401.502 but there are no proposal items on the schedule. Will there be additional HMA Pavement under guardrails added?

Answer: All AC work under the guardrail will be paid on Bid Item No. 401.0400 HMA Pavement Mix IV. Note number 2 has been revised under Addendum No. 1.

24. Since there's no cold planing item, where do we include the cold planing work per detail sheet 7?

Answer: Cold planing is incidental to Bid Item No. 414.0100 Reconstruction at Hakalau and Bid Item No. 414.0300 Minor Distress Area

25. There is no base course items, where do we include the 'Bridge Approach Reconstruction' work per detail sheet 8?

Answer: See Addendum No. 1, Proposed Schedule, Item No. 312.1000, Hot Mix Glassphalt Base Course.