

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

ADDENDUM NO. 3

FOR

MOTOR VEHICLE SAFETY OFFICE RENOVATION

PROJECT NO. HWY-O-02-08

The following amendments shall be made to the Bid Documents:

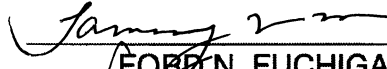
1. SPECIAL PROVISIONS

- a. Section 672 – FINISH HARDWARE. Replace pages 672-16a through 672-20a dated 2/28/14 with the attached pages 672-16a through 672-20a dated r6/20/14.
- b. Section 684 – SOLID PHENOLIC TOILET PARTITIONS AND URINAL SCREENS. Replace page 684-4a dated 2/28/14 with the attached page 684-4a dated r6/20/14.
- c. Section 688 – TOILET ACCESSORIES. Replace page 688-1a dated 2/24/14 with the attached page 688-1a dated r6/20/14.
- d. PROPOSAL SCHEDULE. Replace pages P-13 dated 10/03/1, P-14 dated 07/01/10, P-15 to P-18 dated 1/03/12 with the attached pages P-13 to P-19 dated r6/20/14
- e. TABLE OF CONTENTS. Replace page 3 dated 3/3/14 with the attached page 3 dated r6/20/14.

2. PLANS

- a. Replace Plan Sheet Nos. 3-7, 9, 11, 12, 13, 15, 20, 23, 24, 26, 27, 32-35, 37, 40, and 42-46 with the Plan Sheet Nos. ADD.3-ADD.7, ADD.9, ADD.11, ADD.12, ADD.13, ADD.15, ADD.20, ADD.23, ADD.24, ADD.26, ADD.27, ADD.32- ADD.35, ADD.37, ADD.40, and ADD.42- ADD.46.
- b. Add Plan Sheet Nos.: ADD.4S-1.

Please acknowledge receipt of this Addendum No. 3 by recording the date of its receipt in the space provided on P-1 of the Proposal.



FORD N. FUCHIGAMI
Interim Director of Transportation

installation, removing after fittings and reinstalling after painting is completed, providing protection, cleaning original hardware finish, or other approved means.

(N) Latch and Bolt: Install latch and bolt to automatically engage in keeper, whether activated by closer or manual push. In no case shall additional manual pressure be required to engage latch or bolt in keeper.

(O) Closers:

(1) Mount closers on room side of corridor doors, inside of exterior doors, and stair side of stairway doors.

(2) Carefully adjust closers to operate noiselessly and evenly.

(3) Have manufacturer's representative regulate closers prior to Engineer's acceptance of building.

(4) Closers to comply with ADAAG 404.2.8.1 and 404.2.9 for closing speed and opening force.

(P) Cabinet Work: Install cabinet hardware to conform to manufacturer's instructions and AWI Quality Standards, Guide Specifications and Quality Certification Program for quality of cabinet as specified.

672.24 Field Quality Control

(A) If requested by the Engineer, the Certified Architectural Hardware Consultant from door hardware supplier or manufacturer's representative shall inspect installation and certify that hardware and installation has been furnished and installed in accordance with manufacturer's instructions and as specified at no additional cost to the State.

672.25 Adjust and Clean

(A) Adjust and check each operating item of hardware and each door, to ensure proper operation or function of every unit. Replace items which cannot be adjusted to operate freely and smoothly as intended for application made.

(B) Clean adjacent surface soiled by hardware installation.

(C) Final Adjustment:

(1) Clean operating items as necessary to restore proper function and finish of hardware and doors.

- 751
 752 (2) Adjust door control devices to compensate for final operation
 753 of ventilating equipment.
 754
 755 (3) Lubricate bearings surface of moving parts and adjust latching
 756 and holding devices for proper function.
 757
 758 (4) Test keys in every lock for proper operation and conformance
 759 with keying system.
 760

761 **672.26 Hardware Groups**

762
 763 MANUFACTURER LIST

764	CATEGORY	VENDOR NAME	MFG
765	HINGE	BY McKINNEY PRODUCTS COMPANY	MCK
766	AUTO. DOOR BOTTOM	BY PEMKO	PEM
767	DOOR BOTTOM	BY PEMKO	PEM
768	DOOR SEAL	BY PEMKO	PEM
769	THRESHOLD	BY PEMKO	PEM
770	INTERMEDIATE PIVOT	BY RIXSON DOOR CONTROLS	RIX
771	O.H. CONCEAL. CLOSER	BY RIXSON DOOR CONTROLS	RIX
772	FLOOR STOP	BY ROCKWOOD MANUFACTURING CO.	ROC
773	KICKPLATE	BY ROCKWOOD MANUFACTURING CO.	ROC
774	WALL STOP (CONCAVE)	BY ROCKWOOD MANUFACTURING CO.	ROC
775	WALL STOP (CONVEX)	BY ROCKWOOD MANUFACTURING CO.	ROC
776	DOOR CLOSER	BY SARGENT MANUFACTURING COMPANY	SAR
777	ENTRY LOCK	BY SARGENT MANUFACTURING COMPANY	SAR
778	LOCKSET	BY SARGENT MANUFACTURING COMPANY	SAR
779	OH CONCEALED STP/HDL	BY SARGENT MANUFACTURING COMPANY	SAR
780	PASSAGE SET	BY SARGENT MANUFACTURING COMPANY	SAR
781	PRIVACY SET	BY SARGENT MANUFACTURING COMPANY	SAR
782	RIM EXIT DEVICE	BY SARGENT MANUFACTURING COMPANY	SAR
783			

784
 785
 786 HW GROUP - 001

787	3.0 EA	INTERMEDIATE PIVOT	M19 US26D	RIX
788	1.0 EA	O.H. CONCEAL. CLOSER	0700-90 US28	RIX
789	1.0 EA	RIM EXIT DEVICE	16-8543 ETL US32D	SAR
790	1.0 EA	FLOOR STOP	441H 626	ROC
791	1.0 EA	THRESHOLD	171A	PEM
792		DOOR BOTTOM AND SEALS BY DOOR MFG		
793				

794
 795
 796 HW GROUP - 002

797	3.0 EA	HINGE	TA2314 4.5 X 4.5 US26D-NRP	MCK
798	1.0 EA	RIM EXIT DEVICE	8843 ETL US32D	SAR
799	1.0 EA	DOOR CLOSER	351 P9 EN	SAR
800				

801	1.0 EA	DOOR SEAL	PK55D17	PEM
802	1.0 EA	DOOR BOTTOM	210AV 36"	PEM
803	1.0 EA	FLOOR STOP	441H 626	ROC
804	1.0 EA	THRESHOLD	171A 36"	PEM
805				
806				
807		HW GROUP - 003		
808				
809	3.0 EA	HINGE	TA2314 4.5 X 4.5 US26D	MCK
810	1.0 EA	ENTRY LOCK	28-10G24 LL US26D WBX	SAR
811	1.0 EA	DOOR CLOSER	1431 P9 EN	SAR
812	1.0 EA	AUTO. DOOR BOTTOM	434ARL 36"	PEM
813	1.0 EA	DOOR SEAL	S77D17	PEM
814	1.0 EA	WALL STOP (CONCAVE)	409 626	ROC
815				
816				
817		HW GROUP - 004		
818				
819	3.0 EA	HINGE	TA2314 4.5 X 4.5 US26D	MCK
820	1.0 EA	ENTRY LOCK	28-10G24 LL US26D WBX	SAR
821	1.0 EA	DOOR CLOSER	1431 O EN	SAR
822	1.0 EA	WALL STOP (CONCAVE)	409 626	ROC
823				
824				
825		HW GROUP - 005		
826				
827	3.0 EA	HINGE	TA2314 4.5 X 4.5 US26D	MCK
828	1.0 EA	PRIVACY SET	28-10U65 LL US26D WBX	SAR
829	1.0 EA	WALL STOP (CONCAVE)	409 626	ROC
830				
831				
832		HW GROUP - 006		
833				
834	3.0 EA	HINGE	TA2314 4.5 X 4.5 US26D	MCK
835	1.0 EA	ENTRY LOCK	28-10G24 LL US26D WBX	SAR
836	1.0 EA	WALL STOP (CONCAVE)	409 626	ROC
837				
838				
839		HW GROUP - 007		
840				
841	3.0 EA	HINGE	TA2314 4.5 X 4.5 US32D	MCK
842	1.0 EA	PASSAGE SET	28-10U15 LL US26D WBX	SAR
843	1.0 EA	DOOR CLOSER	1431 O EN	SAR
844	1.0 EA	DOOR SEAL	PK55D17	PEM
845	1.0 EA	WALL STOP (CONCAVE)	409 626	ROC
846				
847				
848		HW GROUP - 008		
849				
850	3.0 EA	HINGE	TA2314 4.5 X 4.5 US26D	MCK
851	1.0 EA	PASSAGE SET	28-10U15 LL US26D WBX	SAR

852	1.0 EA	DOOR CLOSER	1431 H EN	SAR
853	1.0 EA	WALL STOP (CONCAVE)	409 626	ROC
854				
855				
856		HW GROUP - 009		
857				
858	3.0 EA	HINGE	TA2314 4.5 X 4.5 US26D	MCK
859	1.0 EA	ENTRY LOCK	28-10G24 LL US26D WBX	SAR
860	1.0 EA	OH CONCEALED STP/HDL	1537 H US26D	SAR
861				
862				
863		HW GROUP - 010		
864				
865	3.0 EA	HINGE	TA2314 4.5 X 4.5 US32D	MCK
866	1.0 EA	PASSAGE SET	28-10U15 LL US26D WBX	SAR
867	1.0 EA	DOOR CLOSER	1431 O EN	SAR
868	1.0 EA	DOOR SEAL	PK55D17	PEM
869	1.0 EA	WALL STOP (CONVEX)	406 626	ROC
870				
871				
872		HW GROUP - 011		
873				
874	3.0 EA	HINGE	TA2314 4.5 X 4.5 US32D	MCK
875	1.0 EA	PRIVACY SET	28-10U65 LL US26D WBX	SAR
876	1.0 EA	DOOR CLOSER	1431 CPS EN	SAR
877	1.0 EA	DOOR SEAL	PK55D17	PEM
878	1.0 EA	KICKPLATE	K1050 8" X 34" 630	ROC
879				
880				
881		HW GROUP - 012		
882				
883	3.0 EA	HINGE	TA2314 4.5 X 4.5 US32D	MCK
884	1.0 EA	ENTRY LOCK	28-10G24 LL US26D WBX	SAR
885	1.0 EA	DOOR CLOSER	1431 O EN	SAR
886	1.0 EA	DOOR SEAL	PK55D17	PEM
887	1.0 EA	WALL STOP (CONCAVE)	409 626	ROC
888				
889				
890		HW GROUP - 013		
891				
892	3.0 EA	HINGE	TA2314 4.5 X 4.5 US26D-NRP	MCK
893	1.0 EA	LOCKSET	8225 FEL US26D WBX	SAR
894	1.0 EA	DOOR CLOSER	351 P9 EN	SAR
895	1.0 EA	DOOR BOTTOM	210AV 36"	PEM
896	1.0 EA	FLOOR STOP	441H 626	ROC
897	1.0 EA	THRESHOLD	171A 36"	PEM
898				
899		HW GROUP - 014		
900				
901	3.0 EA	HINGE	TA2314 4.5 X 4.5 US32D-NRP	MCK
902	1.0 EA	PRIVACY SET	28-10U65 LL US26D WBX	SAR

903	1.0 EA	DOOR CLOSER	1431 CPS EN	SAR
904	1.0 EA	DOOR SEAL	PK55D17	PEM
905	1.0 EA	KICKPLATE	K1050 8" X 26" 630	ROC

906

907

CABINET HARDWARE

908

909		CABINET HINGE	73T5580/H7100/90	BLU
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910		DRAWER SLIDE	3832	ACC
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911		DOOR/DRAWER PULL	553 626	TRI
-----	--	------------------	---------	-----

912		SHELF STANDARD	255AL	KNA
-----	--	----------------	-------	-----

913		SHELF SUPPORT	256 AL	KNA
-----	--	---------------	--------	-----

914		ELBOW CATCH	1590-626	DON
-----	--	-------------	----------	-----

915

916 **672.27 Method of Measurement.** The Engineer will not measure finish
 917 hardware for payment.

918

919 **672.28 Basis of Payment.** The Engineer will not pay for the finish hardware
 920 separately. The Engineer will consider the price for the finish hardware included
 921 in the contract price for Section 608 – BUILDING STRUCTURES.

922

923 The price includes full compensation for installing finish hardware;
 924 submitting finish hardware schedule, manufacturer's data, keying schedule, tools
 925 and maintenance instructions, certification, and warranty and furnishing labor,
 926 tools, materials, equipment, and incidentals necessary to complete the work."

927

928

929

END OF SECTION 672

(4) Latches: The latch shall be of a shape which is easy to grasp with one hand and which does not require tight grasping, tight pinching or twisting of the wrist to operate and shall be operable by a person on the outside in the event of an emergency. Mechanisms such as slide bolts with a projecting handle on the inside of the stall which can be opened by a person on the outside reaching over the door with a stick are acceptable. Operable parts to comply with ADAAG 309.4 for opening force.

(5) Door Pulls: Handicap accessible toilet stall doors shall be furnished with a grab bar/door pull, 18-inches long, mounted horizontally on the inside face of the door adjacent to the hinge to facilitate closing of the door upon entry.

(6) Coat Hook/Door Bumper: Furnish one each per door, mount at middle of door. At handicap accessible stalls, coat hook shall be mounted at middle of door at 48-inches above the finish floor.

(7) Shoe: All pilasters and stiles shall have a 3-inch high minimum trim cover or shoe at the floor.

(8) Hardware Mounting Heights: The highest part of any handle, pull, grab bar, latch or operating mechanism shall be at 36-inches maximum above the finished floor.

(9) Fasteners: Hardware and fittings shall be fastened with theft-resistant one-way stainless steel or chrome plated brass through-bolts or machine screws in factory installed steel inserts. Do not use "one-way" screws.

(G) Backer Plates: Provide manufacturer's galvanized steel or stainless steel backer anchor plates for all stud wall anchorage.

684.08 Inspection

(A) The Installer together with the Contractor and the Engineer shall examine the areas and conditions under which toilet stall doors, partitions, stiles/pilasters and screens are to be installed. Should any condition be found unsuitable, no work shall be performed until the unsatisfactory conditions have been corrected and are acceptable to the Installer. Proceeding with the work will imply acceptance of the conditions by the Installer.

684.09 Installation

(A) Compartments and urinal screens shall be erected in strict accordance with the manufacturer's instructions.

1 Make the following Section a part of the Standard Specifications:

2
3 **"SECTION 688 - TOILET ACCESSORIES**

4
5 **688.01 Summary**

6
7 (A) The extent of each type of toilet accessory is shown on the
8 drawings and herein specified.

9
10 (B) Related Work Described Elsewhere:

11
12 (1) Coordinate surface applied and through partition accessories
13 with Section 684 - SOLID PHENOLIC TOILET PARTITIONS AND
14 URINAL SCREENS.

15
16 **688.02 Quality Assurance**

17
18 (A) Inserts and Anchorages: Furnish inserts and anchoring devices for
19 toilet accessories. Provide setting drawings, templates, instructions and
20 directions for installation of anchorage devices. Coordinate delivery with
21 other work to avoid delay.

22
23 (B) The structural strength of all grab bars and all fasteners and
24 mounting devices shall meet or exceed the accessibility requirements of
25 ADAAG's Section 609.8.

26
27 (C) Products:

28
29 (1) Provide products of the same manufacturer for each type of
30 accessory unit and for units exposed in the same areas, wherever
31 possible.

32
33 (2) Coordinate with the Engineer for acceptable designs and
34 finishes.

35
36 (3) Stamped names of labels on exposed faces of units will not be
37 permitted, except where otherwise specified.

38
39 (4) Provide locks where specified or standard with the
40 manufacturer. One key shall fit all locks of one brand. Provide a
41 minimum of 6 keys.

42
43 (D) Accessibility: Mount accessories for accessible toilets in
44 accordance with Americans with Disabilities Act Accessibility Guidelines
45 (ADAAG) Section 309 and Section 604, where either in an accessible
46 stall or accessible by all.

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
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Notes:

1. Bidders must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bid.
2. All bidders are required to bid on the BASE BID and ALL BID ADDITIVE ALTERNATE 1 ITEMS, ALL BID ALTERNATE 2 ITEMS AND ALL BID ALTERNATE 3 ITEMS to be considered responsive.
3. Evaluation of Bids. The lowest responsive, responsible bid is determined by the following procedures:
 - a. Chapter 103D, HRS, which provides for the preferences, shall apply.
 - b. The total lump sum bid price is adjusted to reflect the applicable preferences.
 - i. For projects with alternates, the total lump sum base bid price and alternates will be adjusted to reflect the applicable preferences.
 - c. Project control budget is established prior to the submission of bids.
 - d. If there is more than one alternate for a project, the State will determine the precedence of the alternates for each project prior to the submission of bids.
 - e. The project will be evaluated based on the adjusted bid price.
4. Evaluating Bids with Additive Alternates:
 - a. Prior to opening bids, the State will announce the project control budget. All bids will be evaluated on the basis of the same alternate item.
 - b. After adjusting for applicable preferences, the alternates, in their precedence order, are added to the total lump sum base bid price. This (these) sum(s) are compared to the project control budget, and must be within the project control budget.
 - c. If adding another alternate would make the aggregate amount exceed the project control budget for all bidders, that alternate will be skipped and the next alternate will be added, provided an award might be made within the project control budget. This procedure will continue, until adding any remaining alternates will result in the aggregate total amount for all the bidders to exceed the project control budget, or until no additional alternates remain.
 - d. The bidder with the lowest aggregate amount, within the project control budget (after application of the various preferences), for the total lump sum base bid plus the alternates in their precedence order, is the "Low Bidder" for that project and is designated for award.

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
e.	<p>Additive Alternate Example: The project control budget available is \$100,000. In the order of precedence, alternates A-1, A-2 and A-3 are additive alternates. After applying the preferences, the bids are ranked lowest price to highest price and are "Bid A", "Bid B" and "Bid C". Bid A's total lump sum base bid price and three additive alternates (in the precedence order) are \$80,000, \$16,000, \$10,000 and \$5,000 respectively. Bid B's total lump sum base bid price and three additive alternates (in the precedence order) are \$82,000, \$10,000, \$9,000 and \$3,000 respectively. Bid C's total lump sum base bid price and three additive alternates (in the precedence order) are \$85,000, \$10,000, \$8,000 and \$4,000 respectively.</p> <p>i. In adding the alternates to the bids, alternate A-1 is under the project control budget for all bids. The second alternate A-2 is initially skipped since it would cause the aggregate amount of all bids to exceed \$100,000. The third alternate A-3 is added and the aggregate amounts, including base bid price plus alternates A-1 and A-3, of both Bid B and Bid C, are under the project control budget.</p> <p>ii. Bid A's aggregate total is \$101,000. Bid B's aggregate total is \$95,000. Bid C's aggregate total is \$99,000.</p> <p>iii. Bid B's price including alternates A-1 and A-3 is the lowest bid price (over Bid C) and has an aggregate amount within the adjusted project control budget, and therefore is designated the "Low Bidder" for the project.</p> <p>f. Should the Lump Sum Base Bid of all bidders exceed the project control budget, the bidder with the lowest total lump sum base bid after application of the preferences is designated the low bidder for the project."</p>				
5.	No additional compensation will be made by the State for losses, including overhead and profit, resulting from the deletion of the additive alternate items.				
6.	Contract time shall remain the same whether or not the scope of work is increased.				

1 **PROPOSAL SCHEDULE**

2

3 The bidder is directed to Subsection 105.16 – Subcontracts.

4

5 The bidder's attention is directed to Sections 696 - Field Office and
6 Project Site Laboratory and 699 - Mobilization for the limitation of the amount
7 bidders are allowed to bid.

8

9 If the bid price for any proposal item having a maximum allowable bid
10 indicated therefore in any of the contract documents is in excess of such a
11 maximum amount, the bid price for such proposal item shall be adjusted to
12 reflect the limitation thereon. The comparison of bids to determine the
13 successful bidder and the amount of contract to be awarded shall be determined
14 after such adjustments are made, and such adjustments shall be binding upon
15 the bidder.

16

17 The bidder is directed to Section 717 – Cullet and Cullet-Made Materials
18 regarding recycling of waste glass.

19

20

SUPPLEMENT TO PROPOSAL SCHEDULE

The Department recognizes that certain items of material to be incorporated into the project and/or consumed in the prosecution of the project have historically experienced large fluctuations in price due to local and/or global shortages in supply of the material and/or product used to create such material and that such price fluctuations are beyond the control and without the fault of the Contractor. The effect of such large price fluctuations in such short supply materials makes it difficult for the Contractor to bid with confidence.

Materials that the Department recognizes as historically experiencing such price fluctuations due to short supply are asphalt cement, portland cement, reinforcing steel, structural steel, galvanized steel, and prestress/post-tension strands.

Each bidder shall submit with the proposal a written statement from the supplier of each short supply material indicating the supplier's current posted price, effective date of that price and the location of the material at that posted price (by island).

If the price of such short supply material is increased or decreased by more than 5% by the supplier prior to the completion of that contract item requiring the short supply material, the Contractor shall submit to the Department a written statement from the supplier indicating the effective date and changed price the Contractor will thereafter be charged for such short supply material. The Contractor shall also obtain whenever possible, quotations for furnishing the material from other available local suppliers. The quotations shall be obtained sufficiently in advance of the need for the material to allow review by the Department so as not to delay the work. The Contractor's request to the Department for adjusted compensation due to such changed prices will be computed only with prices in effect at the time of delivery. Only the lowest quotation obtained will be accepted by the Department. Transportation, handling, loading, processing and other similar costs will not be subject to adjusted compensation.

No adjustment to the unit bid prices will be made when the increase or decrease in the price of the short material is less than 5% of the original posted price.

If the adjustment to the unit bid price is decreased in the price of the short supply material by more than 5% of the original posted price, the State will be credited.

When an adjustment in price is made in accordance with this section, the adjustment will be allowed only so long as the purchase price remains more or less than 5% of the original posted price.

If an increase in the price of any short supply material exceeds or is scheduled to exceed 35% of the original posted price, the Contractor must notify the State within five working days before using the short supply material. Upon receipt of such notification from the Contractor, the State will direct the Contractor to either (1) authorize work to proceed as usual with the assurance that the indicated incremental price increase above the 35% will be compensable, (2) issue such change orders as the State may deem necessary to reduce further requirements of the short supply material which is to be paid at the increased price, or (3) if the material is considered to have priced itself beyond reason or beyond what the State can pay, the State may order cessation of further use of such short supply material on the project. Such notification by the Contractor will be required at each instance of incremental price increase above the 35% limit. If the Contractor fails to notify the State of any such incremental price increase within five working days before using the short supply material and continues to utilize the short supply material on the project, the State will not be responsible for payment for the incremental cost increase of which the State was not forewarned.

Computation for the adjusted compensation will be as follows:

(A) Portland Cement

If $X =$ Adjustment per cubic yard of concrete,

$P =$ Portland cement content of the approved mix design expressed in hundredweight per cubic yard of concrete,

$Q =$ Increase or decrease in the price of portland cement in dollars per hundredweight,

Then $X = QP$

Example: Posted price of portland cement increases from \$1.40 to \$1.70 per cwt. and the hundredweight (cwt) of concrete is 5.6 cwt per c.y., then the adjustment shall be:

$$\begin{aligned} \$1.70 - \$1.40 &= \$0.30 \\ (\$1.40)(5\%) &= \$0.07 \\ \$0.30 - \$0.07 &= \$0.23 \\ X &= (\$0.23)(5.6) = \$1.29 \text{ per c.y. of concrete} \end{aligned}$$

(B) Asphalt Cement

If $X =$ adjustment per ton of mix,

$P =$ asphalt cement content, expressed in percent of dry weight of the aggregates, as determined and accepted by the Department for each of the design plant mixes,

Q = increase or decrease in the price of asphalt cement, in dollars per ton,

$$\text{Then } X = \frac{Q(P)}{100+P}$$

Example: Posted price of asphalt cement increases from \$70 to \$80 per ton and the asphalt content of the A.C. mix was accepted at 6.0%, then the adjustment shall be:

$$\begin{aligned} \$80.00 - \$70.00 &= \$10.00 \\ (\$70.00)(5\%) &= \$3.50 \\ \$10.00 - \$3.50 &= \$6.50 \\ X &= \$6.50 \left(\frac{6}{100+6} \right) = \$0.37 \text{ per ton A.C. mix} \end{aligned}$$

(C) Reinforcing Steel

If X = Adjustment for reinforcing steel,

P = Weight of reinforcing steel, expressed in hundredweight

Q = Increase or decrease in the price of reinforcing steel in dollars per hundred weight,

$$\text{Then } X = QP$$

Example: Posted price of grade 40 reinforcing steel increases from \$14.00 to \$15.00 per cwt and the weight of the grade 40 reinforcing steel is 80,000 pounds, then the adjustment shall be:

$$\begin{aligned} \$15.00 - \$14.00 &= \$1.00 \\ (\$14.00)(5\%) &= \$0.70 \\ \$1.00 - \$0.70 &= \$0.30 \\ X &= (\$0.30)(800) = \$240 \text{ for grade 40 reinforcing steel} \end{aligned}$$

The Contractor shall submit to the Department original receipted bills covering the short supply material used on the project as soon as practicable after shipments are completed. The bills shall be accompanied by a tabulation on which the bills are listed in chronological order showing for each bill the quantity, the date shipped from the supplier's terminal and the price per unit at the place indicated in the posted price (reflecting any deduction for quantity shipments). These bills shall be subject to audit verification.

The Department reserves the right to alter the quantities of material to be furnished in accordance with the provisions of Subsection 104.02.

The Department also reserves the right, during construction, to decrease or

increase the scope of work, because of limitations of funds, with no adjustment in unit prices other than that specified hereinabove.

DIVISION 800 – SPECIAL CONSTRUCTION		
Section	Description	Pages
801	Asbestos Abatement	801-1a – 801-29a
802	Lead-Based Paint Control Measures	802-1a – 802-12a
810	General Mechanical Requirements	810-1a – 810-19a
812	Plumbing	812-1a – 812-17a
814	Air Conditioning and Ventilation	814-1a – 814-19a
820	Electrical Work	820-1a – 820-11a
821	Fire Alarm System	821-1a – 821-7a

Requirements of Chapter 104, HRS
Wages and Hours of Employees on Public Works Law

Proposal Title Page

Proposal	P-1 – P-10
Proposal Schedule	P-11 – P-15
Supplement to Proposal Schedule	P-16 – P-19

Surety Bid Bond

Sample Form Title Page

Contract

Performance Bond (Surety)

Performance Bond

Labor and Material Payment Bond (Surety)

Labor and Material Payment Bond

Chapter 104, HRS Compliance Certificate

Certification of Compliance for Employment of State Residents

END OF TABLE OF CONTENTS