

Haleakala Highway Widening, Hana Highway to Pukalani Bypass, Phase 2
Districts of Wailuku & Makawao, Island of Maui
Federal-Aid Project No. NH-037-1(24)

108.09 - Liquidated Damages for Failure to Complete the Work or Portions of the Work On Time
State Personnel as discussed with Charlene Shibuya (11/24/04)

		QTY	Mnhrs/day	Hrly Rate	Daily Cost
CE IV (SR-24)-Resident Engr	Full Time	1	8	\$ 28.87	\$ 230.96
CE III (SR-22)-Testing	Half Time	1	4	\$ 25.66	\$ 102.64
Inspector IV (SR-21)	Full Time	1	8	\$ 24.67	\$ 197.36
Inspector IV (SR-21)	Half Time	1	4	\$ 24.67	\$ 98.68
Surveyor Party Chief (SR-22)	Full Time	1	8	\$ 25.62	\$ 204.96
Surveyor (SR-20)	Full Time	1	8	\$ 23.72	\$ 189.76

Subtotal \$ 1,024.36

Total Including Benefits (60%) & Indirect Costs (51.9%)

\$ 2,489.60

State Equipment	Qty	Hrs/Day	Daily Rate	Daily Cost
Vehicle	3	8	\$ 54.76	\$164.28
Vehicle	2	4	\$ 54.76	\$54.76
Computer	6	2	\$ 4.19	\$6.29
Printer	6	2	\$ 0.86	\$1.29
Copy Machine	1	2	\$ 9.52	\$2.38
Fax Machine	1	2	\$ 0.24	\$0.06
Cell Phones	5	2	\$ 5.71	\$7.14
Office Supplies				\$5.00

Total

\$241.19

Construction Management (CM) Consultants requested by Charlene Shibuya (11/15/04)

		No.	Mnhrs/day	Rate	Daily Cost
Engineer	Full Time	1	8	\$105.00	\$840.00
Inspector	Full Time	2	8	\$75.00	\$1,200.00

Total

\$2,040.00

CM Equipment	Qty		Daily Rate	Daily Cost
Vehicle	3		\$ 54.76	\$164.28
Computer	3		\$ 4.19	\$12.57
Printer	3		\$ 0.86	\$2.58
Copy Machine	1		\$ 9.52	\$9.52
Fax Machine	1		\$ 0.24	\$0.24
Cell Phones	3		\$ 5.71	\$17.13
Office Supplies				\$5.00

Total

\$211.32

CALCULATED LIQUIDATED DAMAGES PER WORKING DAY =

\$4,982

Say \$5,000

Insert the calculated liquidated damages of \$5,000 in Section 108.09.

File this computation in your project folder in case you need to show proof in court that computation was made.

Amend Subsection 108.09 second paragraph by revising the phrase "..... in the amount specified in the contract documents." to read "..... In the amount of \$_____ per working day."

