

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)

Sample

108.08 - 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**

Note: Compare the determined liquidated damage amount with amount in Table 108-I.
 Determined amount should not be less than the amount in Table 108-I.