

## Hands On Exercise – Part 2

### Re-Calculate Bid Quantities

Recalculate the quantities based on the Revised Project Schedule. There were two delays and three rain events. You have 10 minutes for this part of the exercise. We will then have a brief discussion about these changes.

#### **Buried Objects Delay:**

Part of the foundation of a building was found in the excavation at Location A. This 5-day delay caused the work to stop at

Location A : Because excavation work had to stop until the buried object could be removed

Location B : Because excavation material from Location B was not available

Location C: Because the equipment needed to excavate at Location C was being used at Location A to remove the foundation.

#### **Utility Delay:**

PG&E was expected to relocate their line from overhead to underground before September. Emergency work throughout the state delayed the relocation of the line until September 20th.

This 3-day delay caused the work to stop at

Location A : Did not affect Location A work

Location B : Because the exact location of the new underground utility line was unknown until it was installed.

Location C: Did not affect Location C

#### **Rain Events:**

A 2-Day rain event producing 1.25” of rain occurred on September 18-

A 1-Day rain event producing 0.60” of rain occurred on October 23

A 3-Day rain event producing 3.40” of rain occurred on October 29-31.

