



AIA Document G701/CMa™ – 1992

Change Order - Construction Manager-Adviser Edition

PROJECT (Name and address):
ACME Brick Park
Modelle Ave.
Clinton, OK 73601

CHANGE ORDER NUMBER: 003
INITIATION DATE: March 13, 2008

OWNER:
CONSTRUCTION MANAGER:
ARCHITECT:
CONTRACTOR:
FIELD:
OTHER:

TO CONTRACTOR (Name and address):
Williams Electric
PO Box 515
Clinton, OK 73601

PROJECT NUMBERS: 0522B /
CONTRACT DATE: 11/7/2007
CONTRACT FOR: Bid Package #5
Site Power

THE CONTRACT IS CHANGED AS FOLLOWS:

Additional Parking Lot lighting at soccer field no. 5 \$2,874.00
Lighting Protection at all Field light locations (excluded from lighting bid)
Pump station electrical, required electrical for storage rooms at concession stand not shown on electrical drawings, replenishing well electrical \$16,173.00. Total Change Order amount \$19,047.00

The original Contract Sum was	\$	255,773.00
Net change by previously authorized Change Orders	\$	67,803.00
The Contract Sum prior to this Change Order was	\$	323,576.00
The Contract Sum will be increased by this Change Order in the amount of	\$	19,047.00
The new Contract Sum including this Change Order will be	\$	342,623.00

The Contract Time will be increased by Zero (0) days.
The date of Substantial Completion as of the date of this Change Order therefore is

NOTE: This summary does not reflect changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which have been authorized by Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE OWNER, CONSTRUCTION MANAGER, ARCHITECT AND CONTRACTOR.

Value Added Management, LLC
CONSTRUCTION MANAGER (Firm name)
PO Box 834, Clinton, OK 73601
ADDRESS

Monte Goucher
BY (Signature)
Monte Goucher, P.E. **3/18/08**
(Typed name) **DATE:**

Williams Electric
CONTRACTOR (Firm name)
PO Box 515, Clinton, OK 73601
ADDRESS

Louis E. Williams
BY (Signature)
Louis E. Williams **03-18-08**
(Typed name) **DATE:**

Architects in Partnership, P.C.
ARCHITECT (Firm name)
3220 Marshall, Norman, OK 73072
ADDRESS

Frank Vogel **4/7/08**
BY (Signature)
Frank Vogel
(Typed name) **DATE:**

City of Clinton
OWNER (Firm name)
PO Box 1177, Clinton, OK 73601
ADDRESS

Lynn Norman
BY (Signature)
Lynn Norman
(Typed name) **DATE:**

ACME BRICK PARK
BID PACKAGE #5 SITE LIGHTING AND POWER
CHANGE ORDER #3 EXPLANATION

When the project was initially bid the design of the irrigation system had not been completed, therefore, no drawings were included in the project plans. AIP retained the services of an engineering firm in Tulsa to design the irrigation and water supply system for the project. Value Added Management, LLC worked with the design engineer, CGC, Inc and the City of Clinton to design and detail an irrigation system that would meet the needs of the City. Also to be determined was the method for supplying the large quantity of water needed to properly irrigate the park during peak watering season. This required the coordination of a test well for ground water availability, water retention and water usage calculations with respect to the existing pond, and a final analysis to determine the optimum method of water delivery and working with the irrigation contractor and electrical contractor for the final design of the pump station and determination of electrical requirements.

The optimum design for the irrigation of the park was determined to be utilizing the large amount of water retained in the existing pond. From previous test wells it was discovered that any ground wells to be used would require a depth of approximately 450' to 500' and would only yield an estimated output of 100 to 125 gallons per minute. The number of wells that would be needed to adequately supply the amount of water needed would be very costly (\$35,000 per well hole) and require numerous pumps, high power usage, and potentially high annual maintenance costs. Utilizing one supply well pumping water into the pond 24/7 would help replenish the pond during peak watering periods.

This change order will provide 3-phase 480 volt service to the pump station that will pull water out of the existing pond to irrigate the park. In addition this change order will provide 120/240-volt circuits for lighting, wall receptacles, exhaust fan for summer months, electric wall heater for winter months. (\$16,173.00)

This change order (per Owner request) also adds three parking lot light poles for the additional parking area previously approved by change order at the soccer fields. (\$2,874.00)

Also included in the change order price is electrical service needed for the storage rooms at the concession stand. The architectural drawings were in error and no electrical service was depicted in the storage rooms. Provisions for lighting and wall receptacles were needed in these rooms. The electrical contractor only bids items depicted on the drawings.

This change order also includes the installation of lighting protection for all of the field lighting on the project. 10-foot copper clad ground rods will be installed to adequately protect the large investment made in the field lighting system. The lighting contractor was allowed to exclude this item from his bid since it did not fit with the overall scope of work associated with field lighting installation and was a better fit for general electrical installation.

It is worth noting that Williams Electric has been a great partner with the City of Clinton on this project and have donated several items of work

- Providing and installing lighting for the Flag Plaza. Architectural Drawings did not have any provision for lighting in this area.
- Providing and installing four lighting fixtures for the front entry gate that were initially shown as a future add on.
- Providing and installing four weatherproof receptacles at the front entry gate as desired by the City.
- Providing and installing photocells and time clocks to control parking lot lighting. No controls were ever addressed on the Architectural drawings.

If you have any questions please feel free to contact me.

Monte Goucher, P.E.
Construction Manager
331-9330