

ORDINANCE NO. 99-87

AUTHORIZING THE CITY MANAGER TO SUBMIT AN APPLICATION FOR AN OHIO PUBLIC WORKS COMMISSION, DISTRICT 10 STATE ISSUE 2 GRANT FOR PROJECTS SUBMITTED FOR PROGRAM YEAR 16

WHEREAS, it is the policy of the City of Mason to seek funds to assist in economic and community development; and

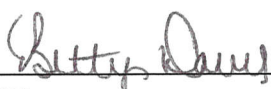
WHEREAS, it was agreed that the City should submit an application for projects submitted for Program Year 16.

NOW, THEREFORE, BE IT ORDAINED by the Council of the City of Mason, Ohio, **seven (7)** members elected thereto concurring:

Section 1. That the City Manager is hereby authorized and directed to submit an application for an Ohio Public Works Commission, District 10 State Issue 2 Grant for projects submitted for Program Year 16.

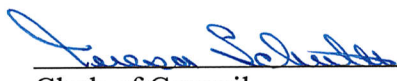
Section 2. That this Ordinance shall take effect and be in force from and after the earliest period allowed by law.

Passed this 28th day of June, 1999.



Mayor

Attest:



Clerk of Council

6/21/99

February 12, 1999

Mr. Pat McNulty
Project Manager
Moody's of Dayton, Inc.
4359 Infirmary Road
Miamisburg, Ohio 45343

Re: City of Mason, Ohio
Water Treatment Plant
Well No. 6 Installation
Change Request No. 1 Acceptance

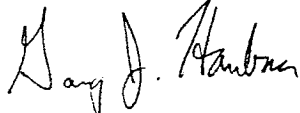
Dear Mr. McNulty:

We have reviewed your revised quote for Change Request No. 1, "Well Casing Replacement", dated February 3, 1999, for the above referenced project. We accept your price quote of \$6,975.00 and the additional time of 14 days to complete this work. This additional amount will be paid to you through Change Order No. 1. The additional time allowance will extend the date of Substantial Completion from April 12, 1999, to April 26, 1999. The date for the all Work to be Complete and Ready for Final Payment will be extended from May 12, 1999, to May 26, 1999.

If you should have questions regarding any aspect of this change, please let us know.

Very truly yours,

MALCOLM PIRNIE, INC.



Gary J. Haubner, P.E.
Project Engineer

CR1ACCPT.WPD/gjh

Enclosure: One copy of the Revised Quote for Change Request No. 1

c: Ernie Stickler, City of Mason (w/ 1 encl)
Jerry Pope, Hilvert & Pope Electric Inc. (w/ 1 encl)

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CONTRACTOR'S QUOTE

MASON WATER TREATMENT PLANT
WELL NO. 6 INSTALLATION
CONTRACT NOS. 2G and 2E

CHANGE REQUEST NO. 1

Title of Proposed Change Request: Well Casing Replacement

Type of Change: Extra X Deduction

Description of Work and Materials:

Replace the top portion of the existing well casing starting below an existing patch weld and joint weld which appear to be of questionable integrity. Refer to Section 1-2-2 on Sheet G-2 of the Contract Drawings.

1. Excavate the area around the existing well casing down to approximately 10-feet below the top of the casing (at least 2-feet below the patch weld/joint weld).
2. Remove concrete encasement collar around the well casing as required and cut the well casings below the patch weld and joint weld in question.
3. Install a new 16-inch diameter inner casing and 24-inch diameter outer casing of lengths required to reach the required pump base elevation. Provide continuous welds as required to attach the new casings to the existing casings.
4. Cast a new concrete encasement collar around the well casing from the bottom of the excavation up to 1-foot above existing grade to protect the well from any potential surface water infiltration. The size of the new concrete collar shall match the existing collar. Provide reinforcing steel consisting of four #5 vertical bars equally spaced around the perimeter and #5 horizontal stirrups every 12 inches.

Contractor shall field verify all dimensions and elevations before construction of well casing and concrete collar.

Reason(s) for Proposed Change:

It was determined from a recent downhole video of Well No. 6 that there is an integrity problem in the well casing at a depth of roughly 8 feet from the top of the well casing. It appears that a hole was made at this depth and patch welded. In addition, a joint weld at the roughly the same depth also appears to be of questionable integrity. The well casing must be replaced to eliminate any potential for surface water contamination of Well No. 6.

MOODY'S of Dayton, Inc.



ADDRESS REPLY TO:
P.O. DRAWER 509
MIAMISBURG, OHIO 45343-0509
PHONE AC 937-859-4482
FAX AC 937-859-4522

February 3, 1999

Malcolm Pirnie, Inc.
4050 Executive Park Drive
Suite 350
Cincinnati, OH 45241

Attention: Mr. Gary Haubner, PE

Subject: City of Mason - Well No. 6 Request for Change No. 1
Well Casing Replacement--**REVISED**

Dear Mr. Haubner:

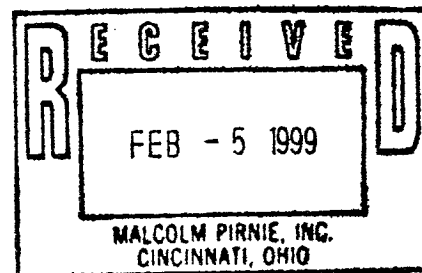
Moody's of Dayton, Inc. has completed the revision of its quote for the Subject Request for Change, as per your request, and following our conversation earlier today. If you have any questions, please do not hesitate to call. Thank you for the opportunity to be of further service to Malcolm Pirnie, Inc. and the City of Mason.

Sincerely,

MOODY'S OF DAYTON, INC.

Patrick McNulty
Project Manager

Enclosures: Change Request No. 1 - Contractor's Quote - **REVISED**



MOODY'S of Dayton, Inc.



ADDRESS REPLY TO:
P.O. DRAWER 509
MIAMISBURG, OHIO 45343-0509
PHONE AC 937-859-4482
FAX AC 937-859-4522

February 3, 1999

Malcolm Pirnie, Inc.
4050 Executive Park Drive
Suite 350
Cincinnati, OH 45241

Attention: Mr. Gary Haubner, PE

Subject: City of Mason - Well No. 6 Request for Change No. 1
Well Casing Replacement

Dear Mr. Haubner:

Moody's of Dayton, Inc. proposes to complete the subject work as follows:

- Excavate below level of hole in 16-inch inner casing (approximately 4-feet below grade).
- Remove existing 6'-0" diameter concrete block (including reinforcing bar) from 24-inch O.D. outer casing.
- Cut off 24-inch O.D. outer casing approximately 3-feet below grade.
- Remove concrete between 24-inch O.D. outer casing and 16-inch inner casing.
- Cut off 16-inch O.D. inner casing below hole in casing.
- Weld new piece 16-inch O.D. x approximately 12-foot long inner casing to existing inner casing.
- Weld new piece 24-inch O.D. x approximately 12-foot long outer casing to existing outer casing.
- Grout annulus between the inner and outer casings.
- Backfill excavation around outer casing.
- Replace 6'-0" diameter concrete block (including reinforcing bar) around outer casing, as per Malcolm Pirnie's "City of Mason, Ohio Water Treatment Plant Well No. 6 Installation Plan, Sections and Details Drawing G, Sheet 2 of 2, 'Typical Reinforcing Around Opening in Slab.'"

The above listed description of work satisfies the Request for Change.

In order to complete the work listed above, the following will be required:

Labor

- 3 men and backhoe to excavate, remove concrete, grout between inner and outer casings, back fill, pour and form concrete—estimated 36 hours @ \$150/hr..... \$5,400
- TOTAL ESTIMATED LABOR..... \$5,400**

Material

- 16-inch inner casing (approx. 9-feet long) @ \$29/ft..... \$261
- 24-inch outer casing (approx. 9-feet long) @ \$43/ft..... \$387
- 16 Cubic Feet Cement Grout (between casings) @ \$12/cf..... \$192
- Concrete (approximately 3 yds.) @ \$100/yd..... \$300
- Reinforcing bar..... \$51
- 3 ea. 4" Contractor's Pumps and Hoses rental @ \$128/ea..... \$384
- TOTAL ESTIMATED MATERIAL..... \$1,575**

TOTAL ESTIMATED LABOR AND MATERIAL..... \$6,975

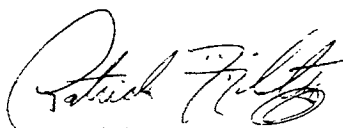
NOTE: The following items may be used to complete the work at Mason, and will be billed only if used:

- 1 Day Rental—Backhoe w/Jackhammer (to break concrete)..... \$600
- 3 ea. 4" Contractor's Pumps and Hoses rental @ \$385/ea (1 week's rental for water removal from excavation)..... \$1,155

Moody's of Dayton, Inc. proposes to complete the above described work within 10 working days from beginning of work. Thank you for the opportunity to be of further service to Malcolm Pirnie, Inc. and the City of Mason.

Sincerely,

MOODY'S OF DAYTON, INC.



Patrick McNulty
Project Manager