

RESOLUTION NO. 38-2004

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF MESQUITE, TEXAS, RATIFYING THE EXPENDITURE OF \$25,000 WITHOUT COMPETITIVE BIDDING FOR EMERGENCY REPAIRS TO THE SOUTHEAST PUMP STATION'S FIVE-MILLION-GALLON GROUND STORAGE TANK AND AUTHORIZING PAYMENT TO NATGUN CORPORATION FOR SUCH REPAIRS; DECLARING AN EMERGENCY; AND PROVIDING AN EFFECTIVE DATE THEREOF.

WHEREAS, the floor of the five-million-gallon ground storage tank at the Southeast Pump Station was found to have a large crack in excess of 500 feet long and was in immediate need of repair to protect the foundation of said tank from damage and to return the tank to service as soon as possible to prevent potential reduction of service to Mesquite citizens; and

WHEREAS, such condition requires an immediate expenditure of funds without having competitively bid the repairs in order to protect and preserve the property of the City; and

WHEREAS, such procurement is authorized without competitive bidding by Texas Local Government Code §252.022.

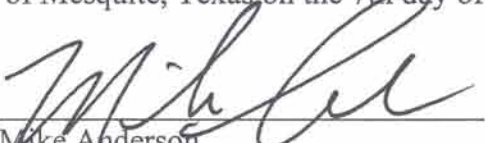
NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF MESQUITE, TEXAS:

SECTION 1. That the expenditure of \$25,000 without competitive bidding for emergency repairs to the Southeast Pump Station's five-million-gallon ground storage tank is hereby ratified and payment of funds to Natgun Corporation for such repairs set forth in Exhibit "A" is hereby authorized.

SECTION 2. That the City Manager is authorized to take those steps reasonable and necessary to comply with the intent of this resolution.

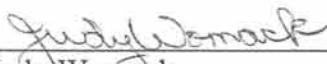
SECTION 3. That this resolution shall take effect immediately from and after its passage.

DULY RESOLVED by the City Council of the City of Mesquite, Texas, on the 7th day of September, 2004.



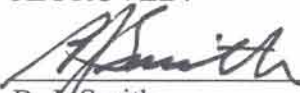
Mike Anderson
Mayor

ATTEST:



Judy Womack
City Secretary

APPROVED:



B. Smith
City Attorney



Wire-welded Concrete Tanks
Established 1929

Natgun Corporation
Eleven Teal Road
Wakefield, MA 01880-1292
Telephone 781-246-1133
Fax 781-224-5163

July 21, 2004

City of Mesquite, TX – Engineering
1511 N. Galloway
Mesquite, TX 75149
Attn: Matt Holzapfel

Facsimile: 972-216-6360

Re: Mesquite, TX – Floor Crack Repair

Dear Matt:

While making the current overflow and inlet modifications to the 5.0 million gallon water storage tank, we have examined the circumferential cracks caused by a heave condition of the soils beneath the tank during its original construction. These cracks have been repaired in the past, however it appears that further maintenance is required to insure the long term serviceability of the tank.


Natgun can repair the cracks for a cost of \$25,000.00 provided the tank floor is completely dry and clean. This price is based on completing the work while we are currently onsite making the overflow and inlet modifications. The quote is exclusive to the City of Mesquite and has not been reviewed by the general contractor, Holloman Corporation.


Natgun will need the City to provide a clean dry surface at the location of the cracks in order to make the necessary repairs. I have attached Natgun's details and the proposed procedure for this modification. Natgun will warranty the repair for one (1) year.

If you find this quote acceptable and would like to go forth with the repairs contact me at 781-224-5183. In order to get the repairs completed during the additional modifications I will need your response by Friday, July 23, 2004.

Thank you,

Approval:


Michael Dufresne
Project Manager


Ted Barron
City Manager

TO: MJD
FROM: JGM
DATE: July 20, 2004
SUBJECT: Recommended Procedure for Mesquite, TX Floor Crack Repair

The following procedure should be used to address the circumferential crack in the floor of the 50 MG water storage tank in Mesquite, TX.

1. Remove existing repair material flush with the surface of the floor.
2. Roughen the floor a minimum of 2" on either side of the existing repair.
3. Thoroughly clean roughened surface and dry prior to application of CIM.
4. Address any areas along cracks seeping ground water by injection with DeNeef Flex LV or equal material.
5. Apply tack coat of CIM 1061 to prepared floor area.
6. Place 12 inch wide scrim into tack coat and adhere to tank floor.
7. Apply CIM 1061 to scrim making sure to fully imbed the edges of scrim into the CIM.
8. Allow repair to cure for a minimum of 48 hours before submerging in water.

CIM 1061 cannot be applied to a wet or damp surface. Prior to commencing with the above repair, the tank floor area adjacent to the crack must be cleaned and dried by others.