

CITY OF WASILLA

290 E. HERNING AVE.
WASILLA, ALASKA 99687
PHONE: (907) 373-9050
FAX: (907) 373-0788

COUNCIL MEMORANDUM NO. 90-48

FROM: Deputy Administrator

DATE: June 20, 1990

RE: Spruce Avenue Water Tank Siding

During construction of the Spruce Avenue Water Storage Reservoir in 1986, a change order was approved to install insulation and protective siding to the exterior of the tank. The top row of siding has slipped from its position and should be repaired before it causes additional damage or the metal sheets become missiles in high winds.

There is virtually no way of positively determining if the problem was caused by faulty design, faulty workmanship or nature (80 mph winds). We could spend more than the cost of the repairs trying to legally place blame.

We have contacted all the steel and sheet metal contractors we could locate and could only obtain three proposals. Rockford Corporation performed the original construction and, as evidenced by their proposal, is most familiar with the work that must be done. Despite our dispute with Rockford over the sewer construction, it appears to be in the City's best interest to award a lump sum contract to Rockford in the amount of \$31,460 to make the repairs and keep the two issues separate.

Funds are available from the original grant to construct the Spruce Avenue tank.

Robert E. Harris
Deputy Administrator

Approved 6/25/90

Bob

PROPOSAL

M-3-S STEEL ERECTORS
1035 South Cobb
Palmer, Alaska 99645
907/745-5650

PROPOSAL SUBMITTED TO THE CITY OF WASILLA

PROJECT/JOB NAME: Water Tank Repair (REF# 0590)

PROJECT LOCATION: Wasilla, Alaska

PROJECT DESCRIPTION:

M-3-S Hereby submits specifications and estimates for the installation and repair of aluminum sheeting on the City of Wasilla water tank caused by wind damage.

PROPOSED:

- A.) M-3-S will supply all labor, equipment, tools, and screws necessary to complete the aforementioned project.
- B.) M-3-S guarantees newly installed sheeting for one year from installation date.
- C.) The City of Wasilla will supply extra collars and replacement sheeting for the project as needed.

As outlined above, M-3-S Steel Erectors will furnish materials and labor for the sum of \$34,000. Payments to be made as follows: Initial mobilization payment of \$5,000; Second payment of \$15,000 at 50% project completion; Final payment of \$15,000 upon 100% project completion.

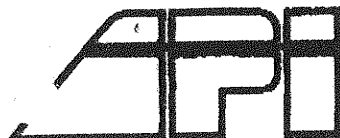
Tom Moe, M-3-S Steel Erectors

Date of Proposal

City of Wasilla Representative

Date of Acceptance

This proposal may be withdrawn in 30 days if not accepted.



**ARCHITECTURAL MANUFACTURING, INC.
ARCHITECTURAL PANELS, INC.**

May 3, 1990

City Of Wasilla
Attn: Bill Harvey

Re: Proposal to repair the Wasilla Water tower siding panels.

Dear Sirs,

After having visited the site on a few occasions we feel that it would be of the best interest to raise the siding panels up to within 2" of the top and secure them once again to the panels below. At the top of the panels we would provide a counter flashing to cover the 2" gap but not restrict the siding contraction and expansion. We propose to raise the siding panels and restore them to as much as possible their original state.

We are not responsible for damages already incurred or excess holes through the siding panels caused by the fasteners that have come out. We have not figured in any Bonding, or other liabilities other than those of our men and machinery. The design of the panels limits us to the method of replacing one or two panels at a time, if the panels should fail or if the tension straps should fail, and damage is occurred to either the upper or lower panels or the bands around the panels we will not be held liable. It is our intent to secure the panels where they are at this point so as to not have those types of problems, but there may be an unknown at this point that not permit that. We are not liable for the insulation behind the panels or their adherence to the tank.

We are ready to mobilize at any time, this price is per a summer time application, please call for wintertime rate changes,

We will perform the above for the sum total of \$ 69,000.00

If you have any questions about any of the above please feel free to contact us prior to the awarding of the contract.

Sincerely,

Architectural Panels Inc,
Architectural Manufacturing Inc.


Ben Owens
Northwest Regional Manager

ROCKFORD CORPORATION

GENERAL CONTRACTORS

PIPELINE CONSTRUCTION

Phone (907) 344-4551

P.O. Box 111706
Anchorage, Alaska 99511

TANK ERECTION

FAX (907) 344-2130

RECEIVED

June 13, 1990

Gilfilian Engineering, Inc.
P.O. Box 871868
Wasilla, Alaska 99687

JUN 13 1990
Gilfilian Engineering, Inc.
and
Mat-Su Test Lab, Inc.

Attention: Mr. Peter Curtis

Reference: Repair of wind damaged siding on Spruce Avenue Tank

Gentlemen:

In accordance with your request for our recommendations to repair the subject tank we offer the following: At the field inspection held on June 12th we determined (Rockford's opinion) that the slippage of the upper level of siding was caused by excessive wind loading which stretched the bands and the siding out on the north side of the tank. This pulled the tec screws out of the horizontal seam and allowed the siding to slip down to the present position. The recommended repair would be unscrew and move the siding back to original position. Rescrew with new tec screws, in addition modify the design to incorporate at least six additional bands of stainless steel rather than aluminum. We would also recommend the installation of two rows of tec screws and also an angle shape under and fastened to the rim angle at the top of the tank that will additionally hold the siding up.

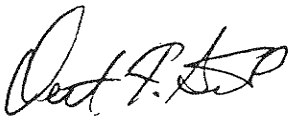
This repair should be accomplished very soon as the siding is salvageable at this time, but any high winds are likely to tear the

siding off completely and then the insulation.

Rockford Corporation proposes to make recommended repairs for the lump sum amount of \$ 31,460.00. The work will take ten days to two weeks to accomplish. Because of the dispute between Rockford Corporation and the City of Wasilla a contract to accomplish this work would have to have some provision that we would get paid upon satisfactory completion.

Sincerely yours,

ROCKFORD CORPORATION



Dexter F. Smith
VP/General Manager

DFS/fs

RECEIVED

JUN 1 1980

Gilfilian Engineering, Inc.
and
Mat-Su Test Lab, Inc.