

EXHIBIT B



August 27, 2010

AJ Ajayi  
City of Hallandale Beach  
630 NW 2nd Street  
Hallandale Beach, FL 33009

RE: Inspection & Engineering Services  
Two (2) Elevated Water Tanks  
TEAM Proposal No. 10-090P

Gentlemen:

In response to your request for quotation for inspection and engineering services, we are pleased to furnish our quotation for performing a detailed inspection of the above referenced elevated water storage tank as follows:

**SCOPE of SERVICES**

**ASSESSMENT INSPECTION**

This inspection is made to determine the tank's current condition. The field inspection will serve as the basis for a detailed repair specification and drawings. Our field inspection will include the following, as applicable:

- Perform a complete visual inspection of the site and foundations.
- Inspection of the tank support tower including rods, turnbuckles and rod connection points, base plates and anchor bolts as applicable.
- Inspect the tank's balconies and handrails.
- Inspection of metal for isolated or general deterioration, including structural damage due to metal loss. The average area pitted and depth of pits will be determined and recorded.
- Inspection of accessories such as obstruction lights, conduit, manholes, overflows, vents, etc.
- Inspection of sanitary conditions of the tank interior.
- Inspection of OSHA-related accessories such as ladders, vents, manholes and balcony.
- Inspection of the cathodic protection anodes for deterioration.
- All interior inspection will be performed from points accessible from existing ladders, platforms etc.

All work will be performed under the supervision of a Registered Professional Engineer.

**REPORT:**

Following the inspection, an analysis and certified Engineering Report will be prepared which will contain the following detailed information:

- A discussion of the condition of the structure, coating, accessories, and appurtenances.
- Recommendations concerning any repairs, repainting, replacements, etc., both required and recommended.
- Color photographs to illustrate the findings.
- Economic considerations such as replacement value, estimated cost of repairs, repainting and/or upgrades.
- Discussion of various economic considerations such as replacement value, estimated cost of repairs, repainting and/or upgrades.
- The calculated remaining life expectancy of the tank.
- The final reports will be signed by a Florida Licensed Professional Engineer.

**Standards:**

- The Engineering Report will utilize American Water Works Association (AWWA) Standard D100 and D102 as criteria for tank evaluation.
- The coating systems will be evaluated in accordance with the applicable criteria of the Steel Structures Painting Council (SSPC) and the National Association of Corrosion Engineers (NACE).
- Personnel access areas will be inspected and evaluated in accordance with Federal OSHA (Occupational Safety and Health Act) regulations.

**EXCLUSIONS - Our quotation does not include:**

- Draining the tank. We expect the tank to be drained and opened for inspection upon our arrival at the job site.
- Removable access ladders: to be furnished by the owner.
- Interior washout.
- Closing and refilling of the tank.

**REPAIR AND REPAINTING SPECIFICATIONS – BOTH TANKS**

After the assessment inspections are complete, technical specifications will be prepared covering the repairs, renovations and coating work for the rehabilitation of both EWT's.

**Task 1 - Complete Contract Documents Package:** Develop detailed Technical Specifications for the rehabilitation, surface preparation and repainting of the elevated water storage tank which may include:

Proposal Form	Surface Preparation
Summary of Work	Application Work Scope
Contract Bid Items	Coating Systems
Codes, Standards & Regulations	Inspection
Safety	Site Protection & Restoration
Repairs & Renovations	Disinfection of Water Storage Tanks
Cathodic Protection	Warranty

Approximately four (4) weeks are required to complete the final documents following City approval of the recommendations detailed in the report and approval of a coating system.

#### SERVICES DURING BIDDING:

- Task 1 - Pre-Bid Meeting:** We will participate in a pre-bid meeting with prospective bidders and Owner personnel to review the project scope and answer contractor questions.
- Task 2 - Bid Evaluation:** We will make our recommendations on bids and assist in the award process. We will evaluate the results following the bid opening.

#### SERVICES DURING CONSTRUCTION

##### **Task 1 - Contract Administration:**

- **Pre-Construction Conference:** We will conduct a Pre-Construction Conference to establish a time line for each phase and task of the project, establish project schedules and procedures.
- **Submittals:** Review all contractor drawings and submittals

##### **Task 2 - Construction Inspection and Observation:** We will monitor contractor performance and oversee the progress in view of the established project schedule.

- **Repairs and renovations.** We will provide inspection of all repairs, modifications, upgrades, etc. by a qualified inspector who is experienced in welding and tank construction to assure conformance with the repair specifications. We will perform one inspection at the completion of the repairs, unless otherwise required. The inspector will maintain a log of written inspection reports which will become a part of the final report at the conclusion of the project, and will report to the City representative as needed.
- **Coating Inspection.** Spot inspection during the coating operation by a qualified NACE-trained inspector to assure conformance with the coating specifications. The inspector will maintain a log of written inspection reports, which will become a part of the final report at the conclusion of the project. We anticipate four trips to the site for coating progress inspections, one for surface preparation, one for intermediate coatings, one for finish coat, and one contingency trip for unforeseen circumstances.

#### SCHEDULE:

- The assessment inspection can be scheduled within two (2) weeks of your Notice-To-Proceed.
- The Engineering Report will require approximately two (2) weeks to complete following the inspections.
- Complete Plans and Specifications can be completed within four (4) weeks after the desired repairs, renovations and repainting requirements are determined.

**FEE SCHEDULE**

**PHASE I – ASSESSMENT INSPECTIONS**

Based on performing both inspections on consecutive days:

Bluestein Tank -- Inspection and Report.....	\$3,000.00
Beach Tank-- Inspection and Report.....	\$3,000.00
<b>TOTAL .....</b>	<b>\$6,000.00</b>

*Our price includes all travel, labor, inspection, report writing and incidental costs. This price is firm for thirty days from the date of this proposal. In the event the tanks are not open and ready for inspection upon our arrival, standby time will be charged at \$150 per hour. The scope of this quotation is expressly limited to the terms and conditions herein. Any other terms or conditions to this proposal shall be specifically included in writing.*

**PHASE II - PLANS AND SPECIFICATIONS**

Task 1 – Contract Documents Package .....	<b>\$3,500.00</b>
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**PHASE III – SERVICES DURING BIDDING**

Task 1 – Pre-Bid Meeting.....	\$2,000.00
Task 2 – Bid Evaluation.....	\$500.00
<b>TOTAL PHASE III.....</b>	<b>\$2,500.00</b>

**PHASE IV- SERVICES DURING CONSTRUCTION**

Task 1 – Contract Administration	
1A – Pre-Construction Meeting.....	\$2,000.00
1B –Review Contractor Submittals .....	\$500.00
Task 2 – Construction Inspection and Observation	
2A –Repair and Modification Inspection.....	\$1,850.00
2B –Coating Inspections (4 trips x \$1,850 per trip) .....	\$7,400.00
<b>TOTAL PHASE IV.....</b>	<b>\$11,750.00</b>

**PAYMENT FOR SERVICES:**

Phase I will be invoiced with the Engineering Report.

Phase II will be invoiced with the submission of the Plans and Specifications.

Phase III will be invoiced at the completion of each task.

Phase IV

Task 1 will be invoiced at the completion of each task.

Task 2 will be invoiced monthly.

We appreciate the opportunity of furnishing this quotation and are looking forward to working with you on this project. Should you have any questions regarding this quotation, please do not hesitate to call us.

Sincerely,

*Tank Engineering And Management Consultants, Inc.*



Jeff Kitchen  
Vice President

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