

Client
City of Boca Raton

Scope of Services
Preliminary and Final Design,
Permitting, and Bidding
Services.

Contact
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Director of Utility Services
City of Boca Raton
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Start Date
02/2012

End Date
04/2017

Construction Cost
\$150,000 (bid)
\$120,000 (final)

Key MBC Staff
Frank A. Brinson, P.E.
Eelhard Meneses, E.I.

Key Features
Project includes demolition
and removal of the two City's
steel elevated storage tanks
and associated piping and
related systems.

Glades Road Demolition of Steel Elevated Storage Tank Design, Bidding Services and Services During Construction Boca Raton, Florida



Background

The City of Boca Raton owns and operates two elevated steel tanks used to store finished potable water. These tanks are located at 4200 North Dixie highway and at 101 SW 14th Street. Both tanks were inspected by Tank Engineering and Management Consultants, Inc. (TEMC) in 2010, and recommendations were made for various repairs and rehabilitation work. The City decided to demolish the two off-site tanks because they are no longer needed and are no longer in active service. MBC is currently providing professional engineering services to assist the City in preparing a set of contract documents, suitable for competitive bidding by qualified tank demolition firms. The scope includes demolition, removal, and disposal of the two off-site elevated storage tanks, and MBC's assistance during the bidding period. The contract documents are based on the American Water Works Association (AWWA) Standard D100 and D102 (latest edition) for Welded Carbon Steel Tanks for Water Storage.

The Project

The scope of the project included the following:

- Review of record drawings of the tanks and associated piping and related systems.
- Preparation of construction drawings of the proposed demolition work.
- Preparation of technical specifications for the demolition work.
- Determination of permits needed to proceed with the demolition of the tanks.
- Correspondence with the Palm Beach County Health Department regarding the work to be performed.
- Preparation of written addendums during bid phase.
- Assist the City in obtaining competitive bids from contractors.

The project was bid in January 2015 and subsequently re-bid in August 2016 and awarded to Allstate Tower, LLC. The project reached final completion on April 6, 2017.