



Tower Consultants, Inc.

Tower Inspection & Repack Analysis Proposal

Hal Sutton
Chief Engineer
WPGA-TV
1691 Forsyth Street
Macon, GA 31201

Proposal Number: TCI-18-100

856-ft Guyed Tower
Macon, Georgia

Your Tower Consultants Inc. Contact is:

Ron Dozsa
4208 198th St. S.W., Suite 208
Lynnwood, WA 98036
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(Quotation valid 30 Days from Proposal Date)

All proposals are subject to final review and acceptance by Tower Consultants Inc.



May 31, 2018

Hal Sutton
WPGA-TV
1691 Forsyth Street
Macon, GA 31201

Re: Tower Inspection & Repack Analysis Proposal

Dear Hal,

In response to your request, Tower Consultants Inc. (TCI) is pleased to submit the following proposal for the inspection, mapping, and analysis of the 856-ft Stellar Guyed Tower located in Macon, Georgia.

Tower Inspection:

TCI will inspect and evaluate the structure and foundations above local grade as follows:

- Visual inspection of tower shaft for bent, damaged, or corroded structural members.
- Visual inspection of guy cables at anchor and tower locations.
- Visual inspection of tower foundations above ground.
- Record tower vertical alignment.
- Record the guy cables initial tensions.
- Visual inspection of tower lighting system including conduit.
- Visual inspection of tower lightning protection system.
- Visual inspection of high frequency dampers.
- Visual inspection of broadcasting equipment and transmission lines.
- Qualitatively evaluate condition of structure and current equipment load.

Tower Mapping:

TCI will confirm the appurtenances on the tower for use in the structural analysis. In addition, TCI will confirm the installation of tower modifications per the analysis report and drawings supplied by customer.

Tower Analysis

The tower will be analyzed to determine conformance with the ANSI EIA/TIA 222-G standard with the following configurations:



1. The existing tower inventory with changes as directed by customer.

Inspection Report:

Tower Consultants Inc. will provide a written report including photographs, outlining the findings of our inspection and any recommended actions.

Analysis Report

TCI will provide a report outlining the results of the structural analysis including preliminary recommendations for tower modifications. Consideration will be given to previous tower inspections, structural evaluations, as well as modifications to the tower, if information is provided to TCI.

The analysis will be performed and conclusion will be based on the assumption that the tower has been properly installed and maintained including, but not limited, to the following:

1. Proper plumb and alignment
2. Correct bolt tightness
3. No significant deterioration or damage to any component

The information and conclusions contained in the Report will be determined by application of the current state-of-the-art engineering and analysis procedures and formulas. Tower Consultants Inc. assumes no obligations to revise any of the information or conclusions contained in this Report in the event that such engineering and analysis procedures and formulae are hereafter modified or revised. In addition, under no circumstances will Tower Consultants Inc. have any obligation or responsibility whatsoever for or on account of consequential or incidental damages sustained by any person, firm or organization as a result of any information or conclusions contained in the Report.

The site inspection shall be completed at a time mutually agreed upon between Tower Consultants Incorporated and customer and coordinated with the ability of the customer to provide an RF safe environment for the inspection team.

We propose to perform the above services for the following lump sum amounts:

TIA Tower Inspection, Mapping & Report \$ 16,280.00

Tower Analysis & Report \$ 8,820.00



Schedule: To be determined by mutual agreement between TCI and WPGA-TV.

PAYMENT TERMS:

50% upon contract award
50% upon completion

GENERAL NOTES (Where applicable):

1. This proposal is for services, materials and project management as listed above. Any additional work to be performed will be quoted on a cost plus or fixed price basis.
2. This proposal does not include any fees or costs associated with building permits, performance and payment bonds that may be required.
3. This proposal is based on the assumption that the tower has been properly installed and maintained, including, but not limited to the following:
 - a. Proper alignment and plumb.
 - b. Correct guy tensions.
 - c. Correct bolt tightness.
 - d. No deterioration or damage to any structural component.
 - e. All equipment, T/L's, antennas, etc., is properly secured to the tower per manufacturer's recommendation.
4. All work to be completed during daylight hours. Proposal does not include the use of RF suits.
5. Power reduction on some antennas, as well as down time, should be expected during tower modifications. Customer is responsible to coordinate all power reductions to be within OSHA safe acceptable levels. If RF suits are required additional charges may be applicable.
6. Transmission Line (T/L) installed on the Tower and in the Support Bridge defined within this contract shall be run to the transmitter building exterior wall face, unless noted otherwise.
7. Modification to guy tensions is based on the assumption that sufficient adjustment is available at the end termination of the guy connection at anchor end. In the event that tension cannot be adjusted due to lack of end termination adjustment, a structural analysis may be required to validate the resulting final tension values.
8. Proposal is based on crew having adequate road conditions to site, adequate staging at site, and clear access to each anchor.
9. Any power lines that interfere with the project must be removed or relocated and are not covered in the proposed pricing.
10. Erection is based on normal site access to tower base and guy paths by two-wheel drive construction vehicles and shall utilize erection procedures and methods that have been employed in the industry for the last 50 years. Any conditions that alter or modify those conditions shall be cause for re-negotiation.
11. Customer hereby agrees and acknowledges that Tower Consultants Inc. shall have no liability whatsoever to Customer or to others for any work or services performed by any persons other



- than Tower Consultants Inc. or its direct subcontractors in connection with the implementation of any structural changes or modifications recommended by Tower Consultants Inc.
12. This contract is based on the use of non-unionized labor. Should TCI be required to use unionized workers or should prevailing wage conditions be applicable, additional charges shall be applicable. Also, TCI will not be responsible for any delays that are caused by any such union action.
 13. This proposal for tall tower work includes a “Weather clause”, see attached Tower Services Agreement.
 14. All Purchase orders to execute this proposal must include reference to this proposal to be valid.
 15. **TAXES:** Seller’s price does not include sales, use, excise, or any other Federal, State or Municipal taxes that under applicable law Seller may legally collect from Buyer. Consequently, in addition to the prices specified herein, the amount of any present or future sales, use, excise or other tax applied directly to the products or services sold or the sale there under shall be paid by the Buyer where permitted under applicable law or in lieu thereof, the Buyer shall provide a tax exemption certificate acceptable to the taxing authorities.

Presented by:

Tower Consultants Incorporated

Accepted by:

WPGA-TV

Ron Dozsa, Project Manager

Hal Sutton, Chief Engineer

DATE: ____/____/____

ALL AGREEMENTS ARE SUBJECT TO TERMS AND CONDITIONS ABOVE