

November 5, 1947

Schenectady Steel Construction Co.,
P. O. Box 1073
Schenectady
New York

Attention Mr. Phelps

Gentlemen:

This will confirm the sense of my conversation with you this afternoon on the matter of bidding on a small self-supporting radio tower for erection in the Helderbergs on adjacent property to General Electric Company's FM station, W G F M on Pinnacle Mountain. The over-all height of our structure from the ground to the center-line of the FM radiating 4-Bay antenna structure as manufactured by GE is 100 feet. The center-line is figured mid-way between the four radiating circular elements. I suggest you send to General Electric's Syracuse plant for their 4-Bay FM Circular Antenna outline drawing for accurate measurements incident to determining the actual height of tower you must build to develop 100 feet over-all height from ground to center-line of the radiating structure. Ask GE to mark the outline showing this center-line dimension and be sure you take into account fitting the antenna mast down inside the tower structure about 8 feet. When I stated the tower would be approximate duplicate of GE's television tower you recently erected, I had not taken into account this difference of height as measured from the center-line of the radiation structure. This, however, is quite important in order to maintain the actual height as called for in our FCC application.

We would like your bid on the basis of hot-dipped galvanized steel of sufficient ruggedness to withstand 30 lb. wind-loading. If you cannot quote on steel of this specification, please quote on regular steel with bolted construction and bid alternately on welding all joints as a separate quotation.

Please also quote separately on erection costs for both the bolted tower and the welded construction so that we may get the differential incident to determining which to use.

Please make your bid on the basis of delivery at the transmitter site as above described.

Your bid should also include necessary socket-cradle for mounting the GE 4-Bay FM circular antenna. The bid should also include two coats of paint conforming to CAA standards.

Erection will probably be done very early in the spring - just as soon as the ground is soft enough for constructing the foundation piers and the road to the site passable.

We will probably make our decision on the purchase of this structure within the next two weeks and will appreciate having your quotation within that time.

My client is The Troy Record Company, Troy, N. Y., and your quotation should be addressed to Mr. Frank L. York, General Manager of that company, with copy to me at the above address.


Cordially yours,

Ernest A. Barbeau
Radio Consultant

EAB/MW

CC- Mr. F. L. York ✓
The Troy Record
Troy N Y