

National Radio Astronomy Observatory

Charlottesville, Virginia

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To: Distribution

ENGINEERING MEMO # III

From: W-Y. Wong

Subject: 140-ft. Deformable Subreflector - Progress Report

The RFQ's for the final analysis and fabrication of the subreflector and mounting frame were mailed out in July. The response to the RFQ was not an enthusiastic one (about 10%). In retrospect, the reasons are due to the following:

- a) We are asking too many things of different disciplines in one RFQ. (Dr. Howard was right).
- b) Industry is not willing to be responsible for the performance of a product, i.e., deformable subreflector, which they have had no previous experience with. (Dr. Hvatum has since agreed that we should be responsible for the performance).

Nevertheless, with all the responses to the RFQ, they can be grouped into three categories:

1. Will do analysis and fabrication
2. Will do fabrication only
3. Will do analysis only

After the evaluation of these proposals, I am summarizing the results as follows:

<u>Company</u>	<u>Category of Proposal</u>	<u>Price</u>	<u>Location</u>
Milliflect	1	\$20K	California
ASI	2	\$ 8K	California
W. Blythe	3	\$12K	California
RSI	3	\$14K	Virginia