

Scope:

Administration and Project Management: The Program Management Team will perform the following activities in support of the project:

- Coordinate work plan activities.
- Work plan communications/meetings/record keeping.
- Work plan progress reporting.
- Subconsultant management.
- Monthly progress reports and agreement administration.

Develop/Design the Coverboard Antennas: Developing/Designing the coverboard antennas will include the following tasks:

1. Perform tests to determine the type of material currently used in the station antennas.
2. Design and procure an extrusion tool for this material suitable for use in making the base antenna extrusion common to all three antennas. Produce documentation suitable for procuring such a tool in the future.
3. Design and produce the cutting die or dies for punching in the patterns after extrusion. Produce documentation suitable for procuring such a die or dies in the future.
4. Design and produce at least one complete station antenna set.
5. Support BART staff's installation of the station antenna set.
6. Test and document the fielded antenna set. Produce a lab and field testing document with critical performance parameters in the form of a factory test procedure.
7. Produce a set of documentation suitable for use as a technical appendix in a BART procurement effort.

Prime: HNTB/FMG

Subconsultants: None

Total Work Plan Value: \$171,000