



October 22, 2009

Mr. Paul Berlant
Executive Officer
Marin General Services Authority
371 Bel Marin Keys Boulevard, Suite 100
Novato CA 94949-6188

Mr. Berlant,

Republic ITS offers to perform physical pole testing and treatment on MGSA owned standard wood poles. Poles will be physically inspected on a ten year cycle, consistent with the guidelines outlined in the California Public Utilities Commission General Order No. 165 for "wood poles over 15 years which have not been subject to intrusive inspection." The physical (intrusive) inspection program includes the following:

- Minimum 20" to maximum of 30" deep excavation around one quadrant of each pole not encased in asphalt or concrete to expose external decay.
- Poles demonstrating decay to be fully excavated to a depth of 20", 360 degrees around the pole.
- Excavated poles to be brushed and scraped to determine soundness and to clean out decay pockets.
- Excavated materials to be placed in neat temporary piles on tarps and returned to site.
- Sounding with a metal hammer around the pole circumference from the groundline to as high as the inspector can reach, and within excavated area if present. Audible evidence of internal decay or voids to be noted.
- Downward bores of 45 degrees (except poles younger than 10 years without evidence of decay) with a 3/4" or 7/8" hole to check for internal decay and place fumigant. Number of holes to be based on type of pole and condition, but generally one hole placed 18" below the groundline, one at groundline, and two above groundline each rotating 90 degrees around the pole and approximately one foot apart in height.
- Probe inside of bores to measure shell thickness and uniformity.
- Poles to be evaluated on overall condition using standard inspection forms.
- Furnish and install ultraviolet wrap paper and preservative paste from bottom of excavated area to 2" above groundline on excavated poles.
- Tag each inspected pole as applicable re: date, passing test and treatment used.

Hollow bore poles will not be drilled or treated with fumigants above groundline, but will receive wrap paper and treatment below groundline. This program includes on standard wood poles and excludes, vinyl, plastic, metal, concrete, etc. poles. Poles failing tests will be recommended for reinforcing or replacement on an individual basis. Estimated lead time on materials is approximately four weeks. We are available to start this work immediately upon receipt of Notice to Proceed and the materials.

TOTAL LABOR, MATERIALS & EQUIPMENT: PER ATTACHED

ESTIMATED COST PER AGENCY BASED ON CURRENT INVENTORY: PER ATTACHED



A Brighter Solution

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Marin General Services Authority
Pole Test and Treat Program
 22-Oct-09

Rate Schedule

Item Description	Unit	Unit Price
Sound, Bore and Treat Standard Pole with Fumigant and Plug from Pavement Level	EA	\$93.00
Sound, Excavate, Bore & Treat Standard Pole with External Treatment from 20" Below Ground Line, Fumigant and Plug	EA	\$113.00
Sound and Evaluate Center Bore Pole from Pavement Level	EA	\$68.00
Sound, Excavate & Treat Center Bore Pole with External Treatment from 20" Below Ground Line	EA	\$79.00

Budgeting Cost per Agency

Agency	Estimated Agency Owned Standard Wood Poles	Cost if Standard Wood Poles are All Excavated	Sub Total Extension	Estimated Agency Owned Center Bore Wood Poles	Cost if Center Bore Wood Poles are All Excavated	Sub Total Extension	Total Extension
Corte Madera	12	\$113.00	\$1,356.00	0	\$79.00	\$0.00	\$1,356.00
Bel Marin Keys C.S.D.	4	\$113.00	\$452.00	0	\$79.00	\$0.00	\$452.00
Belvedere	5	\$113.00	\$565.00	0	\$79.00	\$0.00	\$565.00
Fairfax	13	\$113.00	\$1,469.00	0	\$79.00	\$0.00	\$1,469.00
Larkspur	74	\$113.00	\$8,362.00	0	\$79.00	\$0.00	\$8,362.00
Marin Center	9	\$113.00	\$1,017.00	0	\$79.00	\$0.00	\$1,017.00
Marin Civic Center	36	\$113.00	\$4,068.00	0	\$79.00	\$0.00	\$4,068.00
Marin County	124	\$113.00	\$14,012.00	121	\$79.00	\$9,559.00	\$23,571.00
Marinwood C.S.D.	12	\$113.00	\$1,356.00	3	\$79.00	\$237.00	\$1,593.00
Mill Valley	49	\$113.00	\$5,537.00	55	\$79.00	\$4,345.00	\$9,882.00
Novato	273	\$113.00	\$30,849.00	456	\$79.00	\$36,024.00	\$66,873.00
San Anselmo	33	\$113.00	\$3,729.00	0	\$79.00	\$0.00	\$3,729.00
San Rafael	227	\$113.00	\$25,651.00	80	\$79.00	\$6,320.00	\$31,971.00
San Rafael Community Services	108	\$113.00	\$12,204.00	0	\$79.00	\$0.00	\$12,204.00
San Rafael Parking Lot Services	231	\$113.00	\$26,103.00	0	\$79.00	\$0.00	\$26,103.00
Sausalito	13	\$113.00	\$1,469.00	0	\$79.00	\$0.00	\$1,469.00
Tiburon	21	\$113.00	\$2,373.00	99	\$79.00	\$7,821.00	\$10,194.00
Totals	1244		\$140,572.00	814		\$64,306.00	\$204,878.00