

Howard N. Dashiell
DIRECTOR OF TRANSPORTATION

Road Commissioner
County Engineer, RCE 42001
County Surveyor, PLS 7148



FUNCTIONS

Administration & Business Services
Airports
Engineering
Land Improvement
Roads and Bridges
Landfills

**COUNTY OF MENDOCINO
DEPARTMENT OF TRANSPORTATION**
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May 8, 2018

Mendocino County Board of Supervisors
501 Low Gap Road, Room 1010
Ukiah, CA 95482

RE: ADOPTION OF RESOLUTION APPROVING DEPARTMENT OF TRANSPORTATION AGREEMENT NUMBER 180001, PROFESSIONAL SERVICES AGREEMENT WITH P31 ENTERPRISES, INC., IN THE AMOUNT OF \$296,728.18 FOR ARBORICULTURAL (ARBORIST) AND DISASTER TREE HAZARD MANAGEMENT SERVICES AND AUTHORIZING THE DIRECTOR OF TRANSPORTATION TO SIGN ANY AND ALL AMENDMENTS TO THE AGREEMENT NOT EXCEEDING \$30,000 (REDWOOD FIRE AREA)

Honorable Board Members:

Mendocino County Department of Transportation (MCDOT) desires to study trees we think might have been damaged by the Redwood Fire. MCDOT is seeking to determine need for removal of fire-damaged trees that present a safety hazard to the general public. The County will enter into a separate contract for the physical removal of fire-damaged trees later this summer.

MCDOT is following the Federal Emergency Management Agency (FEMA) Public Assistance (PA) Policy Guide sections for a Hazardous Trees removal program. Eligible trees must still be in place, but damaged to the extent they pose an immediate threat. These items are not eligible if the hazard existed prior to the incident, or if the item is in a natural area and does not extend over public-use areas, such as the public road. MCDOT will NOT seek to remove limbs, branches, or stumps due to onerous environmental and contract tracking requirements. The program is designed for larger trees and again, due to the complex vegetative debris tracking requirements small trees will be addressed with normal road vegetation programs performed with California Department of Forestry and Fire Protection Trustee Crews.

Contractors can charge debris removal based on a unit price for volume (cubic yards) or weight (tons). However, hazardous tree contract removal payment may be collected by individual trees as a tree unit bid. When these items are collected individually, contractors often charge a price per tree based on its size. FEMA encourages Applicants to procure on a per tree basis as opposed to a unit price to facilitate more cost-effective operations. FEMA has specific eligibility criteria and documentation requirements for funding these items based on a price per each item instead

of by volume or weight. If the Applicant does not provide sufficient documentation, it will jeopardize its PA funding. MCDOT believes it is prudent to remove only larger trees on a per tree basis and will ask the Board to authorize advertisement for contractor bids later this summer.

FEMA considers incident-damaged trees to be hazardous and eligible if the tree has a diameter of 6 inches or greater measured 4.5 feet above ground level, and the tree:

- Has a split trunk,
- Has a broken canopy, or
- Is leaning at an angle greater than 30 degrees.

The Applicant must provide all of the following documentation to support the eligibility of removing trees that are still in place:

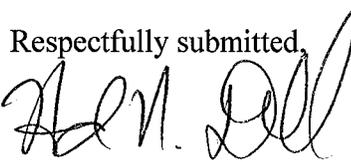
- Specifics of the immediate threat with the U.S. National Grid location, and photograph or video documentation that establishes the item is on public property,
- Diameter of each item removed (measurement must be 2 feet up the trunk from the ground for stumps and 4.5 feet up for trees),
- Equipment used to perform the work.

DOT has insufficient engineering staff to effectively perform the study and therefore requires professional, expert, and technical services of a temporary nature.

P31 Enterprises, Inc., has provided a satisfactory proposal and has agreed to perform the required work for a not-to-exceed amount of \$ \$296,728.18.

Because additional studies and/or additional field investigations are often identified during the work, MCDOT deems it prudent to authorize the Director of Transportation a 10% contingency, or approximately \$30,000, to process contract amendments as needed.

I will, of course, respond to any questions that you may have.

Respectfully submitted,

HOWARD N. DASHIELL
Director of Transportation

cc: DOT Project 3030-F1806501