

RFP 1995

Technical Proposal

Each forestry project is equipment and crew specific. Since we have worked on State of Nevada projects before, we are familiar with the proper protocol for State Projects. Once the project is viewed by Chad Smith, the personnel list and equipment list is arranged. The equipment is serviced, inspected and thoroughly cleaned to prevent the spread of noxious weeds and plants. The plan is discussed with the contracting officer's representative and is agreed on by both parties; depending on what type of project it is. For example; hazard tree removal around structures or a thinning project within the Pinion/Junipers. We will figure on landing locations, identifying hazards, boundaries, stream zones, archeological sites, haul routes and communication systems. Once the plan is in place, a safety meeting will be held with the crew each day. The crew will have a chance to make suggestions on production methods and safety. The proper signage will be put in place and the work area secured, finally work will begin.

If it is hazard tree removal with a crane the crane is put in place, the landing zone is identified. The chipper is put in place and the crew is briefed. The climber is then hoisted up to the top of the tree and the removal begins. Smith Crane and Rigging is one of the two companies in the entire State of Nevada that has a permit from OSHA to hoist a man on the hook for tree removal. At the end of the hazard tree removal the work area is swept or blown with a leaf blower, slash is all chipped and on its way to the Co Gen or disposal Site. Logs are decked up or removed from the site and borax is placed on the tree stump

If it is a thinning project for fuels reduction; the landings are flagged out and skid trails are flagged. The timber felling begins; most projects are Whole Tree Yarded these days. If the job is a mechanical cut then the trees will be bunched and butts will be facing the landing in a herring bone pattern off of the flagged skid trail. The grapple skidder will skid the logs to the landing where they will be processed for prescription. Since the saw log market is way down and the BioMass market is worse we will have to go off the best results for the state. Log Trucks or chip vans will haul off material to its destination. Either way, the material will have 100% usage; saw logs, firewood logs, CoGen Fuel, Soil amendment and landscape material.

If it is a cable-yarding job, the landings will be identified; guy stumps and tail stumps will be identified. Corridors will be flagged and cut out, truck turn arounds will be built. The felling of timber will take place on a cable job. All the timber is felled side hill except for the tail tree and guy trees. Once the yarder is set up the log shovel will move in to the side of the yarder, as a log turn comes into the landing the shovel will grab the logs and set them in the road where they will be processed and decked or loaded onto a truck. Once the road is logged out the brush/slash will be flown out or piled for burning, water bars put in and the entire system moved to the next road. On the heavy logging projects, during and after the skidding has taken place, the skid trails will be bladed and water bars will be put in. Slash or chips may be spread over the skid trails to prevent erosion and also the landings will be opened up for drainage and treated with chips or slash.

There are many types of fuels reduction systems we are capable of performing. We choose to have a positive use for the end product verses just mastication.

Smith Crane and Rigging, Inc dba Smith Crane and Logging Inc is pleased to provide you with the following technical proposal for the RFP 1995. Smith Crane and Rigging has been in the timber industry since 1998 with an extensive background history in cable yarding, crane tree removal, conventional rubber and tractor logging, biomass production, biomass transportation log hauling product disposal, hazard tree removal, (commercial and residential) while utilizing 100% of material harvested off the projects. Smith also is very environmental aware of forestry practices that can help reduce permanent damage to the natures forests. We are licensed timber operators and are constantly updating our skills in proper forestry practices and safety. We have been successful in achieving a positive end result in our work.

Each project requires different equipment as well as personnel. Smith has a very large inventory of forestry related equipment to tackle any project, in a forestry setting or an urban setting. Our key personnel have a minimum of 20 years experience and up to 40 years experience. Smith has worked on many projects for the State of NV in the past with successful results, such as; cable logging, with light rigging and low ground impact on Spooner Summit, fuels Reduction and Fire Prevention using conventional tractor logging in Spooner State Park Log, and Bio Mass Production for the CoGen at Carson City State Prison when it was active. Smith has also completed a very large clean up salvage logging contract after the Angora Fire while working for the USFS and TRPA. Smith has worked in Northern Nevada in and around the Lake Tahoe Basin in central NV on Bio Mass Projects in Pioche and Panacha NV, Southern Nevada on Fuels Reduction Projects, Mt

Charleston, Kyle Canyon and Deer Creek. We are very mobile and self sufficient, willing to work all areas in the State of Nevada. Please look at our past Project History and feel free to contact any of our clients. While we do not know what projects the State of Nevada has started for this next season in regards to fuels reduction, based on our work history we can successfully complete any job the State of Nevada has to offer.