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2.1 CLEARING

2.1.1 GENERAL

2.1.1.1 **Description**

Clearing shall consist in general of cutting, piling, removing and burning or otherwise disposing of trees, brush, stumps, logs and roots from areas specified on the plans, or as designated by the Consultant.

2.1.1.2 **Clearing in Forest Protection Areas**

The Contractor's attention is drawn to the Alberta Forest and Prairie Protection Act and the associated regulations, thereunder pertaining to Fire Permit and Brush Disposal requirements in the forest protection area.

2.1.1.3 **Clearing in Municipal Districts and Counties**

The Contractor shall obtain permission to undertake the burning of clearing within Municipal Districts and Counties from the local authority.

2.1.2 METHODS

2.1.2.1 **Clearing - General**

The Contractor shall cut trees and brush, remove all roots, and remove, pile and burn all trees (except trees to be preserved), brush, stumps, logs and roots within the limits of the right-of-way, and also from such areas as may be required for offtake ditches, channel changes, easements, borrow pits, etc., as directed by the Consultant. All underbrush and down trees protruding into the right-of-way are to be disposed of in the same manner. Timber, brush, stumps, logs or roots shall not be piled upon adjacent lands, and the limits of the right-of-way shall be left in proper condition for fencing.

All tree branches extending into the right-of-way, which hang within 6 m of the ground, shall be cut off close to the trunk in a neat and workmanlike manner.

2.1.2.2 **Preservation of Trees**

The Consultant may require the Contractor to preserve, certain trees within the right-of-way. Underbrush, down timber, snags and roots shall be removed from the vicinity of such preserved trees to a clear space within the right-of-way, and there burned.

2.1.2.3 **Clearing and Timber Salvage**

Areas to be cleared and salvaged will be identified by the Consultant. Generally, salvage shall be required where trees have a stump diameter of 125 mm or greater.

The Contractor shall fell, topp, limb and deck timber designated as salvageable, to the satisfaction of the Consultant. The salvaged timber shall be piled in areas designated and approved by the Consultant.

2.1.2.4 Dangerous Trees

The Consultant may require the Contractor to cut down unsafe trees which are located outside the areas designated for clearing.

2.1.2.5 Burying Clearing Debris

During periods of extreme fire hazard in forest protection areas fire permits may be refused, in which event the Consultant may allow disposal of brush and clearing debris by burying under soil cover.

Where burying is allowed, trees, brush, stumps, logs and roots from clearing operations shall be placed at locations on the Work as directed by the Consultant, consolidated to the highest degree practicable and covered with a minimum of 1.5 m of mineral soil. The completed disposal area shall present a neat, levelled appearance.

2.1.2.6 Fire Damage Prevention

The Contractor shall be solely responsible for ensuring all fires are totally extinguished. If a fire results from an improperly extinguished fire, the Contractor may be held responsible for the damage.

2.1.3 MEASUREMENT AND PAYMENT

Clearing and Clearing and Timber Salvage will be measured in hectares based on horizontal measurements. No allowance will be made for uneven or sloping ground.

Payment for clearing will be made at the unit price bid per hectare for "Clearing." This payment will be full compensation for all clearing operations including disposal by either burning or burying and the removal of dangerous trees.

No allowance will be made for cutting and removing grain, grass, weeds or shrubs.

Payment will not be made for the clearing of Contractor's access to the work or Contractor's campsites. Any such clearing shall be piled and burned, and the cleared areas left in a neat and tidy condition.

Payment for clearing and timber salvage will be made at the unit price bid per hectare for "Clearing and Timber Salvage". This payment will be full compensation for all clearing and timber salvage operations.