FOREST SERVICE SUPPLEMENTAL SPECIFICATIONS

The U.S. Department of Transportation, Federal Highway Administration, Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects, FP-24 and its revisions are included by reference only. Also applicable, but not listed, is any other section or subsection of the included Specification(s) or any specific standard or specification referenced therein. The requirements contained in these specifications are hereby made a part of this Solicitation for Bid and any resulting contract.

A copy of the U.S. Department of Transportation, Federal Highway Administration, Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects, FP-24 can be obtained at the following location:

https://highways.dot.gov/federal-lands/specs/fp-24

The following Forest Service Supplemental Specifications are revisions to the Standard Specifications that incorporate specification changes or additions that are specific requirements and unique to this project.

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PREFACE

Delete all but the first paragraph and add the following:

The Forest Service, US Department of Agriculture has adopted FP-24 for construction of National Forest System Roads. The Forest Service Supplemental Specifications (FSSS) shall be incorporated in the FP-24. The applicable specifications for the project will be the FP-24 as modified by the FSSS.

Section 101. – TERMS, FORMAT, AND DEFINITIONS

Add the following paragraph to Subsection 101.01 Meaning of Terms:

Delete all references to the TAR (Transportation Acquisition Regulations) in the specifications.

Section 101. – TERMS, FORMAT, AND DEFINITIONS

Add the following to Subsection 101.03 Abbreviations:

(a) Acronyms.

AGAR — Agriculture Acquisition Regulations

AFPA — American Forest and Paper Association

FSSS – Forest Service Supplemental Specifications

MSHA — Mine Safety and Health Administration

NESC — National Electrical Safety Code

WCLIB — West Coast Lumber Inspection Bureau

(d) Miscellaneous unit abbreviations.

MP - milepost	location
ppm - parts per million	volume
STA – station	location
MFBM - thousand feet board measure	volume

Section 101. – TERMS, FORMAT, AND DEFINITIONS

Make the following changes to Subsection 101.04 Definitions:

Delete these definitions and replace with the following:

Bid Schedule — The Schedule of Items.

Bridge — A structure, including supports, erected over a depression or an obstruction such as water along a road, a trail, or a railway and having a deck for carrying traffic or other loads.

Contractor — The individual or legal entity contracting with the Government for performance of prescribed work. In a timber sale contract, the contractor is the "Purchaser".

Culvert — Any structure with a bottom, regardless of fill depth, depth of invert burial, or presence of horizontal driving surface, or any bottomless (natural channel) structure with footings that will not have wheel loads in direct contact with the top of the structure.

Drawings —Design sheets or fabrication, erection, or construction details submitted to the CO by the Contractor.

Neat Line — A line defining the proposed or specified limits of an excavation or structure.

Notice to Proceed — (Public Works Contracts) Written notice to the Contractor to begin the contract work. (Timber Contracts) does not apply, replace NTP with Contract Award.

Right-of-Way — A general term denoting (1) the privilege to pass over land in some particular line (including easement, lease, permit, or license to occupy, use, or traverse public or private lands), or (2) Real property necessary for the project, including roadway, buffer areas, access, and drainage areas.

Add the following definitions:

Adjustment in Contract Price — "Equitable adjustment," as used in the Federal Acquisition Regulations, or "construction cost adjustment," as used in the Timber Sale Contract, as applicable.

Change — "Change" means "change order" as used in the Federal Acquisition Regulations, or "design change" as used in the Timber Sale Contract.

Forest Service — The United States of America, acting through the Forest Service, U.S. Department of Agriculture.

Forest Service Supplemental Specifications – The Forest Service uses supplemental specifications to modify the FP-24 to meet the agency needs and intents. FSSS revise the FP-24 by adding, deleting, replacing, revising, replacing part of entire sections or subsections or adding new sections to the FP..

Pioneer Road — Temporary construction access built along the route of the project.

Purchaser — The individual, partnership, joint venture, or corporation contracting with the Government under the terms of a Timber Sale Contract and acting independently or through agents, employees, or subcontractors.

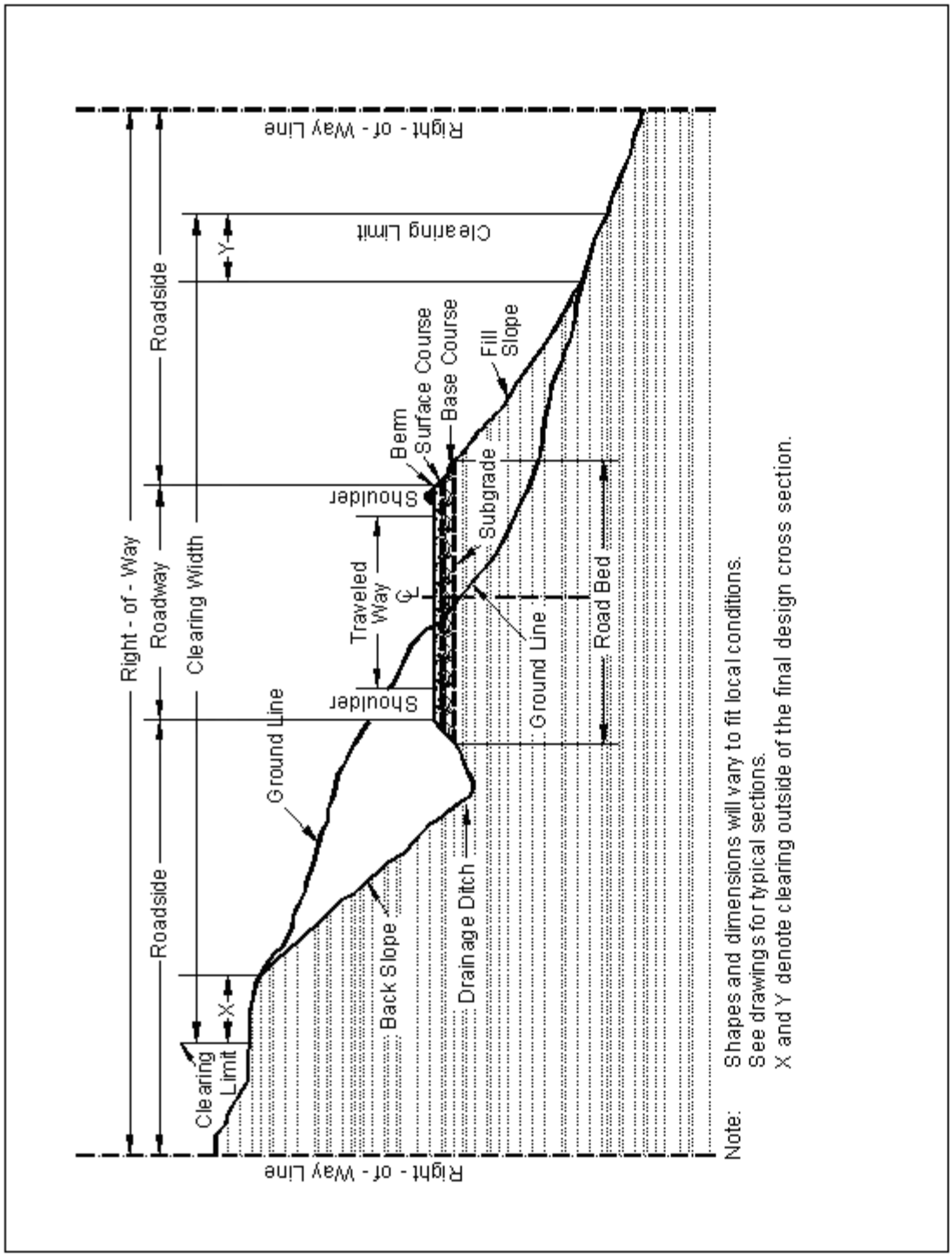
Protected Streamcourse — A drainage shown on the plans or timber sale area map that requires designated mitigation measures.

Road Order — An order affecting and controlling traffic on roads under Forest Service jurisdiction. Road Orders are issued by a designated Forest Officer under the authorities of 36 CFR, part 260.

Utilization Standards — The minimum size and percent soundness of trees described in Public Works contract specifications or Timber Sale and stewardship contract provisions to determine merchantable timber.

Add Figure 101-1—Illustration of road structure terms:

Figure 101-1—Illustration of road structure terms



Section 102. - BID, AWARD, AND EXECUTION OF CONTRACT

Delete Section 102 Bid, Award, and Execution of Contract in its entirety.

Section 103. – SCOPE OF WORK

Delete all of Section 103 Scope of Work except Subsection 103.01 Intent of Contract.

Section 104. – CONTROL OF WORK

Delete Subsection 104.07 Coordination of Contract Documents.

Section 104. – CONTROL OF WORK

Add the following Subsection 104.12 Use of Roads by Contractor:

The Contractor is authorized to use roads under the jurisdiction of the Forest Service for all activities necessary to complete this contract, subject to the limitations and authorizations designated in the Road Order(s) or described in the contract, when such use will not damage the roads or national forest resources, and when traffic can be accommodated safely.

Section 105. – CONTROL OF MATERIAL

Delete second paragraph and subparagraphs (a) and (b) in Subsection 105.05 Use of Material Found in the Work and replace it with the following:

The right to use and process material found in the work excludes the use and processing of material for nongovernment contract work, except for the disposal of waste material. Materials produced or processed from Government lands in excess of the quantities required for performance of this contract are the property of the Government. Place excess material at government-approved agreed to location(s), at no additional cost to government.

Section 106. – ACCEPTANCE OF WORK

Delete the 3rd and 4th paragraphs in Subsection 106.01 Conformity with Contract Requirements.

Section 108. - PROSECUTION AND PROGRESS

Delete Section 108 Prosecution and Progress in its entirety.

Section 109. - MEASUREMENT AND PAYMENT

Delete Subsections 109.06 Pricing and Adjustments, 109.07 Estimated Work, 109.08 Progress Payments, and 109.09 Final Payment.

Section 109. - MEASUREMENT AND PAYMENT

Delete Table 109-1 of Subsection 109.01 Measurement of Work and replace with the following:

Table 109-1

Decimal Accuracy of Quantities for Payment

Pay Item	**Level of Precision**
Acre	0.01
Cubic Foot	1
Cubic Yard	1
Cubic Yard Exception - Structure Excavation; Sheathing; Materials; Bedding, Bed Course, and Backfill, Materials; Gabions;	0.1
Cubic Yard Exception – Concrete; Masonry	0.01
Day	1
Each	1
Gallon	1
Hour	0.1
Linear Foot	1
Linear Foot Exception - Timber, Steel, and Concrete Piles	0.1
M-Gallon	0.1
Mile	0.01
Month	0.1
Pound	1
Square Foot	0.1
Square Yard	0.1
Station	0.1
Thousand Board Feet Measure	0.01
Ton	0.1
Ton Exception - Calcium Chloride; Sodium Chloride; Hydrated Lime; Bituminous Materials; Pavements; Bed Course Materials	0.01
Week	0.1

Section 109. - MEASUREMENT AND PAYMENT

Delete Subsection 109.02(c) Measurement Terms and Definitions, Contract quantity and replace with:

(c) Contract quantity. The quantity to be paid is the quantity listed in the bid schedule. The contract quantity will be adjusted for authorized changes that affect the quantity or for errors made in computing this quantity when that error exceeds 15% or more. If there is evidence that a quantity specific as a contract quantity is incorrect by 15% or more, submit

calculations, drawings, or other evidence indicating why the quantity is in error and request in writing that the quantity be adjusted.

Section 201. - CLEARING AND GRUBBING

Delete paragraph (c) in Subsection 201.04(c) Clearing and replace with the following:

(c) In areas outside the excavation, embankment, and slope rounding limits, cut stumps to maximum stump height shown in table below.

Fall and buck the merchantable material at lengths longer than the minimum lengths listed, or in multiples thereof (i.e. 8 ft, 16 ft, 24 ft, 32 ft), not to exceed (6) feet in length to allow for transportation of the material. Merchantable timber shall be decked at designated location(s).

Forest Products Utilization Standards:					
Species	Product	Max. Stump Height	Minimum Specifications		
			Piece Required to be Removed		
			Length *(feet)*	Diameter Inside Bark at Small End *(inches)*	1/
All		1 ft	6	3	

1/ Enter Merchantability Factor (Merch. Factor) or Net Scale in % of Gross Scale, whichever is appropriate.

Section 201. - CLEARING AND GRUBBING

Delete Subsection 201.06 Disposal and replace with the following:

201.06 Disposal. Merchantable timber is Government property. Dispose of clearing and grubbing debris according to Subsection 203.07.

Section 552. – STRUCTURAL CONCRETE

Delete from Table 552-10 Remarks column "Deliver verification cylinders to the CO or designated laboratory for scheduled testing" in Section 552 Structural Concrete.