

KT-GT.9# Stewardship Project Requirements and Specifications

SECTION I – GENERAL

Contractor shall furnish all labor, materials, equipment, tools, transportation, supervision and supplies and perform all work to deliver and tail gate spread or belly dump limestone road base.

SCOPE OF WORK: Purchase, delivery and tailgate spreading or belly dump and surface blading with motor grader 1408 tons spot course placement of limestone road base on Houston County Road (HCR) 4615 approximately 0.75 mile. See table below for specific location and requirements:

Listing of Stewardship Project Work

<u>Project #</u>	<u>Mandatory/ Optional</u>	<u>Locations</u>	<u>Work</u>
001	Mandatory	Purchase, deliver, and spread limestone road base on HCR 4615	Purchase, deliver and tailgate spread or belly dump 1408 tons limestone road base in locations as flagged on the ground. See Stewardship Project Map for locations.
002	Mandatory	HCR 4615	Motor grading delivered limestone road base approximately 0.75 mile. See Stewardship Project Map for locations.

LOCATIONS: Project 001 & 002 are located in Houston County Texas.

TECHNICAL SPECIFICATIONS

Equipment Specifications: Contractor shall furnish dump trucks of sufficient size and quantity to perform hauling within the allowed time. The dump trucks shall be able to tailgate spread or belly dump the limestone road base. Houston County Precinct 3 road crew will be on site with equipment to spread and grade the material on HCR 4140.

Contractor will furnish weight tickets for all limestone road base loads.

Equipment Inspection: The government reserves the right to inspect the Contractor’s equipment prior to award of the contract and to reject equipment which becomes defective during the course of the work.

Aggregate: The mineral aggregate shall be a flexible base, Type A, Grade 2 as per Texas State Department of Transportation specifications and conform to the limitations as shown below:

Triaxial Class 1 to 2.3: Minimum compressive strength, kPa: 241 at 0 kPa lateral pressure and 1206 at 103 kPa lateral pressure.

Master Grading

63 mm	0	
45 mm	0-10	
4.75 mm	45-75	Max. Liquid Limit.....40
425 micrometers	60-85	

Max. Plasticity Index.....12

Wet Ball Mill Max.....45

Max. Increase in passing
425 micrometers.....20

RE-MEASUREMENT: The Contractor may, at any time after issuance of a task order, request compensation for any additional locations added. The request must be in writing. Payment will be based on the verification of additional locations added other than those listed and shown on original order. It will be the contractor responsibility to furnish additional information as to the location and also who authorized the additional work. Only authorized sites will be considered.

STEWARDSHIP CREDITS: Credit for work performed will be based on completion of each designated location. The amount will be based upon completion of all work at each location by the Contractor and accepted by the Government. Locations can be grouped together for payment for convenience.

CONTRACTOR REPRESENTATIVE: The contractor shall provide a contract representative for the performance of the work. The name of this person and an alternate(s) who shall act for the contractor when the contractor is absent shall be designated in writing to the contracting officer. The contractor representative or alternate shall have full authority to act for the contractor on all contract matters relating to daily operation of this contract. The contractor representative and alternate(s) must be able to read, write, speak, understand English, and communicate with his crews. Inspections will be made as work progresses to insure compliance with contract terms, conditions and specifications. Any work not being performed properly will be brought to the immediate attention of the Contractor’s representatives by the Forest Service’s representative. The Contractor will take prompt corrective action for any deficiencies or deviations that may occur under this contract. The Forest Service representative will promptly advise the contractor of his acceptance or rejection of work performed. Unacceptable work will need to be corrected immediately when found or Contractor will have credit deducted from its account.

PROTECTION OF IMPROVEMENTS: Any improvements damaged by the contractor’s work shall be repaired to the condition that existed prior to the start of work at the contractor’s expense.

SECTION II – GOVERNMENT FURNISHED PROPERTY, MATERIALS, SERVICES

The Government will furnish the following: Engineering services to provide the locations and specifications for designated work.

SECTION III – CONTRACTOR FURNISHED ITEMS/SERVICES

The contractor shall furnish all the equipment, supplies, and labor required to perform all work items.

SECTION IV – PERFORMANCE WORK STATEMENT: TASKS AND CRITICAL SUBTASKS

Prior to the start of work, the Contracting Officer or the Contracting Officer's Representative (COR) will contact the Contractor and mutually agree on a pre-work conference date and location to discuss the contract terms, and work performance requirements. At this conference, the contractor will be required to submit a plan of work outlining the date work will begin. The plan should also include where and what order the work will progress.

Contractor shall notify the Forest Service at least three (3) days prior to starting work on any items. The Contractor shall also notify the Contracting Officer Representative at least weekly of the progress being attained on this project. This notification can be either oral or written.

The Contractor is responsible for repairing any damage to fences, oil/gas developments, pipelines, power lines, and other improvements caused by their operations.

BLADING AGGREGATE SURFACED ROADS

Blading operations shall be conducted over the entire riding surface in order to remove, by cutting out, all ruts, potholes, corrugations and berms. All suitable dislodged aggregate shall be smoothly redistributed over the entire riding surface to produce the proper cross slope or crown. Road structural terms are illustrated on the Typical Section drawing.

Aggregate surfacing which has been worked onto road shoulders by traffic or maintenance activities shall be reclaimed and smoothly redistributed over the entire riding surface. Riding surface widths shall be perpetuated as existing. Dips and swales designed to control surface drainage shall be maintained. No undercutting of road surface or material berms will be allowed. Assure proper surface drainage after all operations.

Usual amounts of grass, leaf litter or pine straw shall be smoothly spread within the riding surface after movement sufficient to sift out surface aggregate. Where grass, leaf litter or pine straw is excessive, as determined by the Contracting Officer's Representative, this material will be piled in spots along the road shoulder and left to decay. Care shall be taken that this material does not interfere with surface drainage. Any such material shall be reclaimed in subsequent bladings and smoothly spread within the riding surface.

Any down trees in the traveled way or shoulders are considered incidental to Blading Aggregate Surfaced Roads and shall be removed from the traveled way and shoulders. Disposal shall be on National Forest land unless otherwise agreed upon by COR. Disposal shall not impede any stream courses or flow lines. Larger logs may be cut up into smaller pieces and placed in turnouts for firewood purposes.

Blading operations shall be conducted as required to remove surface material and accumulated debris from concrete bridge decks without allowing any material to fall into watercourses below. It includes sweeping sand and fines from the bridge decks and depositing the removed material in a location along the roadway that will not allow it to enter waterways or stream courses. Care shall be taken not to damage any part of the bridge. All suitable material shall be smoothly redistributed over the riding surface at bridge approaches.

Care will be taken to avoid blading any surface material into cattleguards. Any material deposited in cattleguards as a result of the Contractor's operation shall be cleaned out at the expense of the Contractor.

Loose rocks protruding three inches (3) or more above the graded surface shall be removed. It is permissible to waste these rocks off the riding surface away from drainage ditches.

All traveled way widths shall be perpetuated as existing. Dips and swales within the traveled way designed to control surface drainage shall be maintained.

Soil Moisture Conditions

Suitable moisture conditions for surface blading shall be from 5 to 20 percent by mass. Unless authorized by the Contracting Officer's Representative, no surface blading shall be performed while moisture content is outside this range.

Method of Measurement

Measurement shall be made to the nearest tenth of a mile using an odometer or measuring instrument, calibrated over a measured mile.

Inspection, Measurement, and Acceptance: Inspection will be made as work progresses to insure compliance with contract terms, conditions and specifications. Any work not being performed properly will be brought to the immediate attention of the Contractor's representatives by the Forest Service's representative. The Contractor will take prompt corrective action for any deficiencies or deviations that may occur under this contract. The Forest Service representative will promptly advise the contractor of his acceptance or rejection of work performed. Unacceptable work will need to be corrected immediately when found or Contractor will have credit deducted from its account.

Safety: It is the Contractor's responsibility to ensure that the work environment is safe for themselves as well as their employees. If the contractor feels that a requirement of this contract would place them or their employees in an unsafe environment, then work should stop on that area of work and the contractor should contact the COR. Work on other areas of the contract that the contractor does not view as unsafe should continue. It is recommended that the Contractor shall utilize appropriate personal protective safety equipment/clothing (per OSHA regulations), which may include, but is not limited to, a hard hat, leg protection, ear protection, and hand protection, while working in the project areas.