OMB 0596-0217 FS-1500-9A

FS Agreement No.	24-RO-11020300-034
Cooperator Agreement No.	

#### ROAD PROJECT AGREEMENT **Between The** PENNINGTON COUNTY HWY DEPARTMENT And The USDA, FOREST SERVICE, **REGION 2, BLACK HILLS NATIONAL FOREST**

This Project Agreement (agreement) is hereby made and entered into by and between Pennington County Hwy Department, hereinafter referred to as "County," and the USDA, Forest Service, Region 2, Black Hills National Forest, hereinafter referred to as the "U.S. Forest Service," as specified under the authority and provisions of the Cooperative Forest Road Agreement #24-RO-11020300-003 executed between the parties on December 26, 2023.

Project Title: Nichols Quarry Rock Crushing

#### I. BACKGROUND:

The parties entered into a Forest Road Cooperative Agreement (Coop Agreement) on December 26, 2023. This Coop Agreement allows for the parties to cooperate in the planning, survey, design, construction, reconstruction, improvement and maintenance of certain forest roads. The Schedule A, which is attached to the Coop Agreement, identifies the maintenance responsibilities of the parties to the specific road systems and may be revised as necessary. The process of revising the Schedule A can be labor intensive and time consuming due to requiring extensive valuations and several levels of formal review. Accordingly, formal revision of the Schedule A does not readily lend itself to rapid response times, adjusting to limited funding opportunities and a high degree of site condition specificity.

The Coop Agreement allows for specific Project Agreements between the parties with the intent of completing work as expeditiously as available funds or work opportunities allow.

The Coop Agreement identifies numerous requirements for the development of Project Agreements. These requirements include but are not limited to:

- The specific project (road) must be included in an approved U.S. Forest Service Cooperator plan (Schedule A).
- Mutual approval.
- The cost to be borne by each party.
- The amount of cooperative funds as set forth in the Project Agreement shall be the maximum commitment of either party unless changed by a formal modification prior to incurring any expense.



• Work must be completed in accordance with agreed upon standards.

#### II. PURPOSE:

The purpose of this Project Agreement (agreement) is to document the parties' cooperation in the Nichols Quarry Rock Crushing Agreement with Pennington County. The work is as described in the hereby incorporated Financial and Operating plan, attached as Exhibit A.

#### III. THE COOPERATOR SHALL:

- A. Perform in accordance with the Financial and Operating Plan, Exhibit A and Exhibit B (Aggregate Specification).
- B. Contract for aggregate crushing services in Nichols Quarry.
- C. Crush 45,000 ton in 3/4" specification gravel (see Exhibit B) for the County at the price obtained in open competition bidding (estimated \$449,650 cost).
- D. Crush \$100,000 in Exhibit B specification at the price obtained in open competition bidding for the U.S. Forest Service.
- E. Maintain separate stockpiles for U.S. Forest Service gravel and County gravel.
- F. Provide contract administration services and coordinate quality control inspections with the Forest Service to assure correct materials are produced.
- G. Identify and coordinate with the Forest Service if filler source locations are needed to meet specifications.
- H. Bill the U.S. Forest Service for actual costs incurred, not to exceed \$100,000.

#### IV. THE U.S. FOREST SERVICE SHALL:

- A. Perform in accordance with the Financial and Operating Plan, Exhibit A.
- B. Provide funding in the amount of \$100,000 for products of the aggregate crushing contract.
- C. Provide quality control review at times requested by the County. Requests should be made 24 hours in advance during normal business hours.
- D. Coordinate with County personnel and approve filler source locations if needed.
- E. Identify and designate gravel stockpile locations.
- F. <u>PAYMENT/REIMBURSEMENT</u>. The U.S. Forest Service shall reimburse County for the U.S. Forest Service's share of actual expenses incurred, not to exceed \$100,000, as shown in the Financial Plan. The U.S. Forest Service shall make payment upon receipt of



County's annual invoice. Each invoice from the County must display the total project costs for the billing period.

Each invoice must include, at a minimum:

1) County's name, address, and telephone number

2) U.S. Forest Service agreement number: 24-RO-11020300-034

3) Invoice date

4) Performance dates of the work completed (start and end)

5) Total invoice amount for the billing period

The invoice must be sent by one of three methods (email is preferred):

EMAIL: SM.FS.ASC GA@USDA.GOV POSTAL: USDA Forest Service

Albuquerque Service Center

FAX: 877-687-4894 Payments – Grants & Agreements

101B Sun Ave NE

Albuquerque, NM 87109

Send a copy to: <u>landon.dinius@usda.gov</u>

### V. IT IS MUTUALLY AGREED AND UNDERSTOOD BY AND BETWEEN THE PARTIES THAT:

A. <u>PRINCIPAL CONTACTS</u>. Individuals listed below are authorized to act in their respective areas for matters related to this agreement.

#### **Principal Cooperator Contacts:**

Cooperator Program Contact	Cooperator Administrative Contact
Joe Miller	Lloyd LaCroix
3601 Cambell Street	130 Kansas City St Ste 100
Rapid City, SD 57701-0124	Rapid City, SD 57701-2044
Telephone: (605) 394-2166	Telephone: (605) 394-2166
FAX: (605) 394-2168	FAX: (605) 394-2168
Email: joe.miller@pennco.org	Email: lloyd.lacroix@pennco.org

#### **Principal U.S. Forest Service Contacts:**

U.S. Forest Service Program Manager	U.S. Forest Service Administrative		
Contact	Contact		
Landon Dinius	Dave Graham		
1019 N. 5th Street	8221 Mount Rushmore Road		
Custer, SD 57730	Rapid City, SD 57702		
Telephone: (605) 673-9238	Telephone: (605) 910-7017		
FAX: (605) 673-9350	FAX: n/a		
Email: landon.dinius@usda.gov	Email: david.graham@usda.gov		



- B. In the event of a conflict between this Project Agreement and the Coop Agreement, the latter shall take precedence.
- C. <u>FREEDOM OF INFORMATION ACT (FOIA)</u>. Public access to award or agreement records must not be limited, except when such records must be kept confidential and would have been exempted from disclosure pursuant to Freedom of Information regulations (5 USC 552). Requests for research data are subject to 2 CFR 215.36.
  - Public access to culturally sensitive data and information of Federally-recognized Tribes may also be explicitly limited by P.L. 110-234, Title VIII Subtitle B §8106 (2008 Farm Bill).
- D. <u>TEXT MESSAGING WHILE DRIVING</u>. In accordance with Executive Order (EO) 13513, "Federal Leadership on Reducing Text Messaging While Driving," any and all text messaging by Federal employees is banned: a) while driving a Government owned vehicle (GOV) or driving a privately owned vehicle (POV) while on official Government business; or b) using any electronic equipment supplied by the Government when driving any vehicle at any time. All Cooperatives, their Employees, Volunteers, and Contractors are encouraged to adopt and enforce policies that ban text messaging when driving company owned, leased or rented vehicles, POVs or GOVs when driving while on official Government business or when performing any work for or on behalf of the Government.
- E. <u>FUNDING EQUIPMENT</u>. Federal funding under this agreement is not available for reimbursement of County's purchase of equipment. Equipment is defined as having a fair market value of \$5,000 or more per unit and a useful life of over 1 year.
- F. <u>PARTICIPATION IN SIMILAR ACTIVITIES</u>. This agreement in no way restricts the U.S. Forest Service or County from participating in similar activities with other public or private agencies, organizations, and individuals.
- G. <u>ENDORSEMENT</u>. Any of County's contributions made under this agreement do not by direct reference or implication convey U.S. Forest Service endorsement of County's products or activities.
- H. <u>ALTERNATE DISPUTE RESOLUTION</u>. In the event of any issue of controversy under this agreement, the parties may pursue Alternate Dispute Resolution procedures to voluntarily resolve those issues. These procedures may include, but are not limited to, conciliation, facilitation, mediation, and fact finding.
- I. PROHIBITION AGAINST INTERNAL CONFIDENTIAL AGREEMENTS: All non federal government entities working on this agreement will adhere to the below provisions found in the Consolidated Appropriations Act, 2016, Pub. L. 114-113, relating to reporting fraud, waste and abuse to authorities:



- (a) The recipient may not require its employees, contractors, or subrecipients seeking to report fraud, waste, or abuse to sign or comply with internal confidentiality agreements or statements prohibiting or otherwise restricting them from lawfully reporting that waste, fraud, or abuse to a designated investigative or law enforcement representative of a Federal department or agency authorized to receive such information.
- (b) The recipient must notify its employees, contractors, or subrecipients that the prohibitions and restrictions of any internal confidentiality agreements inconsistent with paragraph (a) of this award provision are no longer in effect.
- (c) The prohibition in paragraph (a) of this award provision does not contravene requirements applicable to any other form issued by a Federal department or agency governing the nondisclosure of classified information.
- (d) If the Government determines that the recipient is not in compliance with this award provision, it:
- (1) Will prohibit the recipient's use of funds under this award, in accordance with sections 743, 744 of Division E of the Consolidated Appropriations Act, 2016, (Pub. L. 114-113) or any successor provision of law; and
- (2) May pursue other remedies available for the recipient's material failure to comply with award terms and conditions.
- J. MODIFICATION. Modifications within the scope of this agreement must be made by mutual consent of the parties, by the issuance of a written modification signed and dated by all properly authorized, signatory officials, prior to any changes being performed. Requests for modification should be made, in writing, at least 30 days prior to implementation of the requested change. The U.S. Forest Service is not obligated to fund any changes not properly approved in advance.
- K. <u>TERMINATION</u>. Either party, in writing, may terminate this agreement in whole, or in part, at any time before the date of expiration. Neither party shall incur any new obligations for the terminated portion of this agreement after the effective date and shall cancel as many obligations as possible. Full credit shall be allowed for each party's expenses and all non-cancelable obligations properly incurred up to the effective date of termination. (Excess funds must be refunded within 60 days after the effective date, OR Excess funds must be refunded in accordance with the REFUND provision of the agreement).
- L. <u>COMMENCEMENT/EXPIRATION DATE</u>. This agreement is executed as of the date of last signature and is effective through December 31, 2024 at which time it will



expire. The expiration date is the final date for completion of all work activities under this agreement.

M. <u>AUTHORIZED REPRESENTATIVES</u>. By signature below, the parties certify that the individuals listed in this document as representatives of each party are authorized to act in their respective areas for matters related to this agreement.

This agreement shall be effective as of the date herein written and shall supersede all prior existing agreements if any, for the same roads.

LLOYDAX ROIX, Chair

Pennington County Commissioner

TONI STRAUSS

Digitally signed by TONI STRAUSS Date: 2024.05.08 13:33:11 -06'00'

TONI STRAUSS, Deputy Forest Supervisor Black Hills National Forest

Date

The authority and format of this agreement have been reviewed and approved for signature.

DAVID GRAHAM

Digitally signed by DAVID GRAHAM Date: 2024.05.01 13:23:15 -06'00'

**DAVID GRAHAM** 

Date

U.S. Forest Service Grants Management Specialist



#### Burden Statement

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0596-0217. The time required to complete this information collection is estimated to average 4 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

In accordance with Federal civil rights law and U.S. Department of Agriculture (USDA) civil rights regulations and policies, the USDA, its Agencies, offices, and employees, and institutions participating in or administering USDA programs are prohibited from discriminating based on race, color, national origin, religion, sex, gender identity (including gender expression), sexual orientation, disability, age, marital status, family/parental status, income derived from a public assistance program, political beliefs, or reprisal or retaliation for prior civil rights activity, in any program or activity conducted or funded by USDA (not all bases apply to all programs). Remedies and complaint filing deadlines vary by program or incident.

Persons with disabilities who require alternative means of communication for program information (e.g., Braille, large print, audiotape, American Sign Language, etc.) should contact the responsible Agency or USDA's TARGET Center at (202) 720-2600 (voice and TTY) or contact USDA through the Federal Relay Service at (800) 877-8339. Additionally, program information may be made available in languages other than English.

To file a program discrimination complaint, complete the USDA Program Discrimination Complaint Form, AD-3027, found online at How to File a Program Discrimination Complaint and at any USDA office or write a letter addressed to USDA and provide in the letter all of the information requested in the form. To request a copy of the complaint form, call (866) 632-9992. Submit your completed form or letter to USDA by: (1) mail: U.S. Department of Agriculture, Office of the Assistant Secretary for Civil Rights, 1400 Independence Avenue, SW, Washington, D.C. 20250-9410; (2) fax: (202) 690-7442; or (3) email: program.intake@usda.gov. USDA is an equal opportunity provider, employer, and lender.

#### **U.S. Forest Service**

Attachment:	A

USFS Agreement No.: 24-RO-11020300-034
Cooperator Agreement No.:

Mod. No.:

Note: This Financial Plan may be used when:

- (1) No program income is expected and
- (2) The Cooperator is not giving cash to the FS and
- (3) There is no other Federal funding

#### Agreements Financial Plan (Short Form)

Financial Plan Matrix: Note: All columns may not be used. Use depends on source and type of contribution(s).

	FOREST SERVICE CONTRIBUTIONS		COOPERATOR (		
	(a)	(b)	(c)	(d)	
COST ELEMENTS	Noncash	Cash to	Noncash	In-Kind	(e)
Direct Costs		Cooperator			Total
Salaries/Labor	\$7,260.65	\$0.00	\$15,750.00	\$0.00	\$23,010.65
Travel	\$758.74	\$0.00	\$0.00	\$0.00	\$758.74
Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Supplies/Materials	\$0.00	\$0.00	\$449,550.00	\$0.00	\$449,550.00
Printing	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$100,000.00	\$0.00	\$0.00	\$100,000.00
Other					\$0.00
Subtotal	\$8,019.39	\$100,000.00	\$465,300.00	\$0.00	\$573,319.39
Coop Indirect Costs		\$0.00	\$46,530.00		\$46,530.00
FS Overhead Costs	\$1,283.10				\$1,283.10
Total	\$9,302.50	\$100,000.00	\$511,830.00	\$0.00	
	Tot	tal Project Value:			\$621,132.50

Matching Costs Determination				
Total Forest Service Share =	(f)			
$(a+b) \div (e) = (f)$	17.60%			
Total Cooperator Share	(g)			
$(c+d) \div (e) = (g)$	82.40%			
Total (f+g) = (h)	(h)			
	100.00%			

#### **WORKSHEET FOR**

#### FS Non-Cash Contribution Cost Analysis, Column (a)

Use this worksheet to perform the cost analysis that supports the lump sum figures provided in the matrix. NOTE: This worksheet auto populates the relevant and applicable matrix cells.

Cost element sections may be deleted or lines may be hidden, if not applicable. Line items may be added or deleted as needed. The Standard Calculation sections provide a standardized formula for determing a line item's cost, e.g.  $\cos t/day \times \#$  of days=total, where the total is calculated automatically. The Non-Standard Calculation sections provide a write-in area for line items that require a calculation formula that is other than the standardized formules, e.g. instead of salaries being calculated by  $\cot t/day \times \#$  of days, costs may be calculated simply by a contracted value that is not dependent on days worked, such as 1 employee x \$1,200/contract= \$1,200. Be sure to review your calculations when entering in a Non-Standard Calculation, and provide a brief explanation of units used to make calculation, e.g. '1 month contract,' on a line below the figures.

Salaries/Labor	,			
Standard Calculation				
Job Description	T	Cost/Day	# of Days	Total
Project Manager - Settle		\$609.11	5	\$3,045.55
Project Engineer - Ormesher	-	\$448.38	5	\$2,241.90
FS/Co Engineer Lisison/COF		\$493.30	4	\$1,973.20
1 3/30 Engineer Lisison/COT	Collinas	ψ+35.50	7	ψ1,973.20
Total Salaries/Labor	]			\$7,260.65
Travel				
Standard Calculation				
Travel Expense	_	Cost/Trip	# of Miles	Total
Eng Vehicle 3020		\$63.23	12	\$758.74
Lify Verilole 3020		φ03.23	12	\$150.14
Total Travel				\$758.74
		-		
Equipment				
Standard Calculation	111 611 11	To UD	III (D. I	TT ( )
Piece of Equipment	# of Units	Cost/Day	# of Days	Total
Total Equipment	т —			\$0.00
Total Equipment	_			\$0.00
Supplies/Materia	als			
Standard Calculation				
Standard Calculation Supplies/Materials		# of Items	Cost/Item	Total
		# of Items	Cost/Item	Total
	I I	# of Items	Cost/Item	<u>'</u>
Supplies/Materials	]	# of Items	Cost/Item	<u>'</u>
Supplies/Materials  Total Supplies/Materials		# of Items	Cost/Item	<u>'</u>
Supplies/Materials  Total Supplies/Materials  Printing		# of Items	Cost/Item	Total   \$0.00
Supplies/Materials  Total Supplies/Materials  Printing Standard Calculation				\$0.00
Supplies/Materials  Total Supplies/Materials  Printing		# of Items # of Units	Cost/Item  Cost/Unit	<u>'</u>
Supplies/Materials  Total Supplies/Materials  Printing Standard Calculation				\$0.00

Other Expenses			
Standard Calculation			
Item	# of Units	Cost/Unit	Total
-	_		
Total Other			\$0.00

Subtotal Direct Costs	\$8,019.39
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#### Forest Service Overhead Costs

Current Overhead Rate Subtotal Direct Costs		Total
16.00%	\$8,019.39	\$1,283.10
Total FS Overhead Costs		\$1,283.10

TOTAL COST	\$9,302.50
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#### **WORKSHEET FOR**

#### FS Cash to the Cooperator Cost Analysis, Column (b)

Use this worksheet to perform the cost analysis that supports the lump sum figures provided in the matrix. NOTE: This worksheet auto populates the relevant and applicable matrix cells.

Cost element sections may be deleted or lines may be hidden, if not applicable. Line items may be added or deleted as needed. The Standard Calculation sections provide a standardized formula for determing a line item's cost, e.g. cost/day x # of days=total, where the total is calculated automatically. The Non-Standard Calculation sections provide a write-in area for line items that require a calculation formula that is other than the standardized formules, e.g. instead of salaries being calculated by cost/day x # of days, costs may be calculated simply by a contracted value that is not dependent on days worked, such as 1 employee x \$1,200/contract= \$1,200. Be sure to review your calculations when entering in a Non-Standard Calculation, and provide a brief explanation of units used to make calculation, e.g. '1 month contract,' on a line below the figures.

Salaries/Labo	r				
Standard Calculation					
Job Description		Cost/Day	# of Days	Total	
Total Salaries/Labor					\$0.00
		_			
Travel					
Standard Calculation	I	I O t/T-::-	Ш. СТ.:	T. 4.1	
Travel Expense	Employees	Cost/Trip	# of Trips	Total	
Total Travel	T				\$0.00
Total Travel	_				<b>Φ</b> 0.00
Equipment		7			
Standard Calculation					
Piece of Equipment	# of Units	Cost/Day	# of Days	Total	
		, ,	12. /		
Total Equipment					\$0.00
	-				
Supplies/Mater	ials				
Standard Calculation					
Supplies/Materials		# of Items	Cost/Item	Total	
	_				40.00
Total Supplies/Materials	_				\$0.00
Drinting		7			
Printing Standard Calculation					
Paper Material	T	# of Units	Cost/Unit	Total	
i apor material		I'' OI OIIII3	003001111	[10tal	
Total Printing	T				\$0.00
	_				70.00

Other Expenses	
Non-Standard Calculation	
FS Contribution to crushing contract (Crushing USFS aggregate	\$100,000.00
Total Other	\$100,000.00
Outstatel Direct Coats	<b>#</b> 400,000,00

Subtotal Direct Costs \$100,000.00
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#### Cooperator Indirect Costs

Current Overhead Rate	Subtotal Direct Costs		Т	otal
\$100,000.00				\$0.00
Total Coop. Indirect Costs	5			\$0.00

TOTAL COST \$100,000.00

#### **WORKSHEET FOR**

#### Cooperator Non-Cash Contribution Cost Analysis, Column (c)

Use this worksheet to perform the cost analysis that supports the lump sum figures provided in the matrix. NOTE: This worksheet auto populates the relevant and applicable matrix cells.

Cost element sections may be deleted or lines may be hidden, if not applicable. Line items may be added or deleted as needed. The Standard Calculation sections provide a standardized formula for determing a line item's cost, e.g. cost/day x # of days=total, where the total is calculated automatically. The Non-Standard Calculation sections provide a write-in area for line items that require a calculation formula that is other than the standardized formules, e.g. instead of salaries being calculated by cost/day x # of days, costs may be calculated simply by a contracted value that is not dependent on days worked, such as 1 employee x \$1,200/contract=\$1,200. Be sure to review your calculations when entering in a Non-Standard Calculation, and provide a brief explanation of units used to make calculation, e.g. '1 month contract,' on a line below the figures.

Non-Standard Calculation	Salaries/Labo	or					
administration \$15,750.00  Total Salaries/Labor \$15,750.00  Travel Standard Calculation Travel Expense Employees Cost/Trip # of Trips Total  Total Travel \$0.00  Equipment \$0.00  Equipment # of Units Cost/Day # of Days Total  Total Equipment \$0.00  Supplies/Materials Non-Standard Calculation Aggregate Crushing for County (45,000 ton) \$449,550.00  Total Supplies/Materials \$449,550.00  Printing Standard Calculation Paper Material # of Units Cost/Unit Total	Non-Standard Calculation	1					
Travel Standard Calculation Travel Expense   Employees   Cost/Trip   # of Trips   Total  Total Travel   \$0.00    Equipment   \$0.00   Standard Calculation   # of Units   Cost/Day   # of Days   Total		d and					
Travel Standard Calculation Travel Expense   Employees   Cost/Trip   # of Trips   Total  Total Travel   \$0.00    Equipment	administration						\$15,750.00
Travel Standard Calculation Travel Expense   Employees   Cost/Trip   # of Trips   Total  Total Travel   \$0.00    Equipment	T. 1.0.1	<u> </u>				T	<b>*</b> 4====
Standard Calculation Travel Expense   Employees   Cost/Trip   # of Trips   Total  Total Travel   \$0.00  Equipment Standard Calculation Piece of Equipment   # of Units   Cost/Day   # of Days   Total  Total Equipment   \$0.00  Supplies/Materials Non-Standard Calculation Aggregate Crushing for County (45,000 ton)   \$449,550.00  Total Supplies/Materials   \$449,550.00  Printing Standard Calculation Paper Material   # of Units   Cost/Unit   Total	Total Salaries/Labor	J					\$15,750.00
Standard Calculation Travel Expense   Employees   Cost/Trip   # of Trips   Total  Total Travel   \$0.00  Equipment Standard Calculation Piece of Equipment   # of Units   Cost/Day   # of Days   Total  Total Equipment   \$0.00  Supplies/Materials Non-Standard Calculation Aggregate Crushing for County (45,000 ton)   \$449,550.00  Total Supplies/Materials   \$449,550.00  Printing Standard Calculation Paper Material   # of Units   Cost/Unit   Total							
Travel Expense   Employees   Cost/Trip   # of Trips   Total    Total Travel   \$0.00    Equipment   Standard Calculation   Piece of Equipment   # of Units   Cost/Day   # of Days   Total    Total Equipment   \$0.00    Supplies/Materials   \$0.00    Non-Standard Calculation   \$449,550.00    Total Supplies/Materials   \$449,550.00    Total Supplies/Materials   \$449,550.00    Printing   Standard Calculation   Paper Material   # of Units   Cost/Unit   Total	Travel						
Standard Calculation	Standard Calculation						
Equipment Standard Calculation Piece of Equipment  # of Units  Cost/Day  # of Days  Total  Total Equipment  \$0.00  Supplies/Materials Non-Standard Calculation Aggregate Crushing for County (45,000 ton)  \$449,550.00  Total Supplies/Materials  \$449,550.00  Printing Standard Calculation Paper Material  # of Units  Cost/Unit  Total	Travel Expense	Employees	Cost/Trip	# of Trips		Total	
Equipment Standard Calculation Piece of Equipment  # of Units  Cost/Day  # of Days  Total  Total Equipment  \$0.00  Supplies/Materials Non-Standard Calculation Aggregate Crushing for County (45,000 ton)  \$449,550.00  Total Supplies/Materials  \$449,550.00  Printing Standard Calculation Paper Material  # of Units  Cost/Unit  Total							
Standard Calculation Piece of Equipment # of Units Cost/Day # of Days Total  Total Equipment \$0.00  Supplies/Materials Non-Standard Calculation Aggregate Crushing for County (45,000 ton) \$449,550.00  Total Supplies/Materials \$449,550.00  Printing Standard Calculation Paper Material # of Units Cost/Unit Total	Total Travel	_					\$0.00
Standard Calculation Piece of Equipment # of Units Cost/Day # of Days Total  Total Equipment \$0.00  Supplies/Materials Non-Standard Calculation Aggregate Crushing for County (45,000 ton) \$449,550.00  Total Supplies/Materials \$449,550.00  Printing Standard Calculation Paper Material # of Units Cost/Unit Total							
Standard Calculation Piece of Equipment # of Units Cost/Day # of Days Total  Total Equipment \$0.00  Supplies/Materials Non-Standard Calculation Aggregate Crushing for County (45,000 ton) \$449,550.00  Total Supplies/Materials \$449,550.00  Printing Standard Calculation Paper Material # of Units Cost/Unit Total	Faviorent		-				
Piece of Equipment # of Units Cost/Day # of Days Total  Total Equipment \$0.00  Supplies/Materials  Non-Standard Calculation Aggregate Crushing for County (45,000 ton) \$449,550.00  Total Supplies/Materials \$449,550.00  Printing Standard Calculation Paper Material # of Units Cost/Unit Total							
Total Equipment \$0.00  Supplies/Materials  Non-Standard Calculation  Aggregate Crushing for County (45,000 ton) \$449,550.00  Total Supplies/Materials \$449,550.00  Printing  Standard Calculation  Paper Material # of Units Cost/Unit Total		# of Units	Cost/Day	# of Days	Τ	Total	
Supplies/Materials Non-Standard Calculation Aggregate Crushing for County (45,000 ton)  Total Supplies/Materials  \$449,550.00  Printing Standard Calculation Paper Material # of Units Cost/Unit Total	1 1000 of Equipmont	ii oi oilito	Cooubay	III of Bayo		T Otal	
Supplies/Materials Non-Standard Calculation Aggregate Crushing for County (45,000 ton)  Total Supplies/Materials  \$449,550.00  Printing Standard Calculation Paper Material # of Units Cost/Unit Total	Total Equipment						\$0.00
Non-Standard Calculation Aggregate Crushing for County (45,000 ton)  Total Supplies/Materials  Printing Standard Calculation Paper Material # of Units Cost/Unit Total		_					
Non-Standard Calculation Aggregate Crushing for County (45,000 ton)  Total Supplies/Materials  Printing Standard Calculation Paper Material # of Units Cost/Unit Total			_				
Aggregate Crushing for County (45,000 ton) \$449,550.00  Total Supplies/Materials \$449,550.00  Printing Standard Calculation Paper Material # of Units Cost/Unit Total							
Total Supplies/Materials \$449,550.00  Printing Standard Calculation Paper Material # of Units Cost/Unit Total			\				<b>\$440.550.00</b>
Printing Standard Calculation Paper Material # of Units Cost/Unit Total	Aggregate Crushing for Col	unty (45,000 t	on)				\$449,550.00
Printing Standard Calculation Paper Material # of Units Cost/Unit Total	Total Supplies/Materials						\$449 550 00
Standard Calculation Paper Material # of Units Cost/Unit Total	Total Supplies/materials	_					φ-1-10,000.00
Standard Calculation Paper Material # of Units Cost/Unit Total							
Paper Material # of Units Cost/Unit Total	Printing						
	Standard Calculation						
Total Printing \$0.00	Paper Material		# of Units	Cost/Unit		Total	
Total Printing \$0.00		1					
	Total Printing	_					\$0.00

Other Expenses				
Standard Calculation				
Item	# of Units	Cost/Unit	Total	
Total Other				\$0.00

Subtotal Direct Costs \$465,300.00	Subtota	I Direct Costs	\$465,300.00
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#### **Cooperator Indirect Costs**

Current Overhead Rate	Subtotal Direct Costs		Total
10.00%	\$465,300.00		\$46,530.00
Total Coop. Indirect Costs	i		\$46,530.00

TOTAL COST	\$511,830.00



#### Exhibit B

#### **Aggregate Specification**

The materials shall consist of stone, gravel, slag or other approved materials crushed to the required size. A filler of finely crushed stone, sand, or other finely divided mineral matter shall be added as needed to meet gradation requirements.

The composite surfacing material shall be free of organic and other deleterious materials.

A minimum of 50% by weight of the coarse aggregate shall be particles having at least one fractured face unless the natural material has sufficient angularity, as determined by the government, to provide the necessary binding quality.

The aggregate shall conform to the following requirements:

# Pennington County Specific Gradation Requirements Gravel Surfacing Gravel Specification By dry weight Passing

<sup>3</sup> / <sub>4</sub> inch sieve	100	
No. 4 sieve	50%-78%	
No. 8 sieve	37%-67%	
No. 40 sieve	13%-35%	
No. 200 sieve	4.0%-15.0%	
Plasticity Index	4-12	
LA Abrasion Loss (maximum)	40	
Crushed Particles (minimum) +#4 Sieve	30% 1-CF	

## USDA Forest Service Specific Gradation Requirements Percentages by weight passing square mesh sieve - (AASHTO T27) Gravel Specification By dry weight Passing

3 inch sieve	100%
No. 4 sieve	15% to 45%