PURCHASE ORDER

SANTA FE COUNTY
SANTA FE, NEW MEXICO

IMPORTANT
THIS PURCHASE ORDER NUMBER MUST APPEAR ON ALL INVOICES AND SHIPPING CONTAINERS. INVOICES ARE TO BE IN DUPLICATE.

PAGE: 1
P.O. NO.: 194145
DATE: 02/19/19

TO: GM EMULSION
47 PASEO DE MARTINEZ
SANTA FE, NM 87507

SHIP TO/ INVOICE TO: Santa Fe County
PROJECT DELIVERY/PW
SANTA FE COUNTY
901 W. ALAMEDA, STE 20-C
SANTA FE, NM 87501

VENDOR NO.
18790

NOTES
1 Federal Tax I.D. Number is required for payment.
2 If unable to fill at prices shown, or meet delivery day, please advise immediately.
3 All items subject to terms and conditions on reverse.

DELIVER BY	SHIP VIA	F.O.B.	TERMS
06/30/19			NET

CONFIRM BY	CONFIRM TO	REQUISITIONED BY
MARTINEZ, GABRIEL	MARTINEZ, MARICELA	LGRIEGO

FREIGHT	CONTRACT NO.	ACCOUNT NO.	PROJECT	REQ. NO.	REQ. DATE
		35862264538010		193953	01/03/19

LINE NO.	QUANTITY	UOM	ITEM NO. AND DESCRIPTION	UNIT COST	EXTENDED COST
1	421191.00	EA	S.JUSTIN REESE IS REQUESTING- ON-CALL CONSTRUCTION AGREEMENT FOR BALSA ROAD PAVING AND DRAINAGE IMPROVEMENTS	1.0000	421191.00
2	30009.86	EA	NMGRT 7.125%	1.0000	30009.86
			SUB-TOTAL		451200.86
			TOTAL		451200.86

REMARKS:
02/19/19-PURSUANT TO SANTA FE COUNTY AGREEMENT NO 2018-0071-PW/MM-B EXPIRES: 01/26/2022, PROJECT ASSIGNMENT NO. 5, BCC APPROVED PRICE AGREEMENT ON JANUARY 26, 2018, BUDGET APPROVED BY FINANCE, MM.

NOT VALID UNLESS SIGNED BY THE COUNTY FINANCE DIRECTOR OR THE COUNTY PURCHASING AGENT.

Katherine Miller
AUTHORIZED SIGNATURE & TITLE

White - Vendor's Copy
Yellow - Purchasing Agent Copy
Pink - Department Head Copy
Blue - File Copy

County of Santa Fe Purchase Order for Services — General Terms and Conditions

Interpretation: The contract between the parties consists of any written agreement between the parties and this Purchase Order. In the event of a conflict between these documents, the terms and conditions of the written agreement shall govern.

Assignment: The Contractor shall not assign or transfer any interest in this Order or assign any claims for money due or to become due under this Order without the advance written approval of the County.

Subcontracting: The Contractor shall not subcontract or delegate any portion of the services to be performed under this Order without the advance written approval of the County.

Modification: No modification to this Order shall be effective unless agreed to in writing by authorized representatives of the County. County employees have no authority to direct any change except by a written change order signed by the County's authorized representative.

Audit: The County may, subject to written notification to the Contractor, inspect the Contractor's facilities. The Contractor shall, without charge, provide facilities for the County's personnel and provide all requested data necessary for the County's adequate inspection.

Governing Law: This Order shall be construed in accordance with the laws of the State of New Mexico without regard to its choice of law rules.

Notice of Penalties: The Procurement Code, NMSA 1978, Sections 13-1-28 through 13-1-199, imposes civil and criminal penalties for its violation. In addition, New Mexico criminal statutes impose felony penalties for bribes, gratuities, and kickbacks.

Waiver: The failure of the County to insist, in any one or more instances, upon the performance of any of the terms or conditions of this Order or to exercise any right hereunder shall not be construed as a waiver or relinquishment of the future performance of any such term or condition or the future exercise of such right. The obligation of the Contractor with respect to such future performance shall continue in full force and effect.

Delivery: Time is of the essence in this Purchase Order and, if performance of conforming services is not completed by the time(s) promised, the County reserves the right, in addition to its other rights and remedies, to cancel this Order, to reject such services in whole or in part, or to purchase substitute services elsewhere and charge the Contractor with any loss incurred. Any provisions herein for performance of services by installments shall not be construed as making the obligations of the Contractor severable.

Payment: The Contractor shall submit a written request for payment to the County. Within 15 days of the County's receipt of the original invoice, the County shall issue a written certification of complete or partial acceptance or rejection of the contractual items or services for which payment is sought. Within 30 days of the issuance of a written certification accepting the contractual items or services, the County shall tender payment for the accepted items or services. In the event the County fails to tender payment within 30 days of the written certification accepting the items or services, the County shall pay late payment charges of one and one-half percent per month until the amount due is paid in full.

Indemnification: The Contractor shall defend, indemnify, and hold harmless the County and its Elected Officials, agents and employees, from and against any losses, liabilities, damages, demands, suits, causes of action, judgments, costs or expenses resulting from or directly or indirectly arising out of the Contractor's performance or non-performance of its obligations under this Order, including but not limited to the Contractor's breach of any representation or warranty made herein.

Insurance: The Contractor shall procure and maintain during the life of this Order a comprehensive general liability and automobile insurance policy with liability limits in amounts not less than $1,050,000 combined single limits, for bodily injury, including death, and property damage for any one occurrence. Said policies of insurance shall include coverage for all operations performed for County by the Contractor; coverage for the use of all owned, non-owned, hired automobiles, vehicles and other equipment, both on and off work; and contractual liability coverage under which this Order is an insured contract. If during the life of this Order, the Legislature of the State of New Mexico increases the maximum limits of liability under the New Mexico Tort Claims Act, the Contractor shall increase the maximum limits of any insurance required herein.

Permits, Fees, and Licenses: The Contractor shall procure all permits and licenses, pay all charges, fees, and royalties, and give all notices necessary and incidental to the due and lawful performance of its obligations hereunder.

Termination: The County reserves the right to terminate this Order at any time with respect to undelivered service by written notification or oral notice confirmed in writing.

194145

PURCHASE REQUISITION NBR: 0000193953

STATUS: REQ-APRVL >$10000
REASON: BALSA ROAD PAVING AND DRAINAGE IMPROVEMENTS

DATE: 1/03/19

DELIVER BY DATE: 6/30/19

REQUISITION BY: LGRIEGO

SHIP TO LOCATION: PROJECT DELIVERY/PW

SUGGESTED VENDOR: TBD

LINE NBR	DESCRIPTION	QUANTITY	UOM	UNIT COST	EXTEND COST	VENDOR PART NUMBER
1	S. JUSTIN REESE IS REQUESTING ~~LFB~~ FOR BALSA ROAD PAVING AND DRAINAGE IMPROVEMENTS COMMODITY: SUBCOMMOD: MISC	~~445800.~~00 421,191.00	EA	1.0000	~~445800.00~~ 421,191.00	
2	NMGRT 7.125% COMMODITY: SUBCOMMOD: MISC	~~34200.00.~~ 30,009.86	EA	1.0000	~~34200.00~~ 30,009.86	

On Call

REQUISITION TOTAL: ~~480000.00~~ 451,200.86

ACCOUNT INFORMATION

LINE #	ACCOUNT	PROJECT	%	AMOUNT
1	35862264538010	CAPITAL PURCHASES ROADWAYS (BRIDGE/CULVERT)	100.00	~~445800.00~~ 421,191.00
2	35862264538010	CAPITAL PURCHASES ROADWAYS (BRIDGE/CULVERT)	100.00	34200.00 30,009.86
				~~480000.00~~ 451,200.8

REQUISITION IS IN THE CURRENT FISCAL YEAR.

Melissa Martinez
01/04/2019

APPROVED
BUDGET ONLY
Date: 1/8/19

Jan 11 19

Agreement No. 2018-0071-PW-MM
Project Assignment No. 5

Signatures are for authorization to process a purchase order from a requisition or a purchase order change order. All signatures must be present and signed by the individual. Void processing if the signatures are not signed by the individual.

Requested By: 1/3/19 Date:

Created by: 1/3/19 Date:

1/3/19

Director Approval & Verification that all signatures are accounted for & approval for processing

SANTA FE COUNTY

FY2019

INTERNAL PURCHASE REQUISITION

DEPARTMENT / DIVISION :	Public Works / Projects			FUND -COST CENTER ACTIVITY	358-6226-453.80-10
The Following Items to be Used On/At (Location):	Balsa Road Paving and Drainage Improvements			PROJECT CODE:	6226
Contract #		Exp. Date		REQUISITION NUMBER:	
Purpose:	VENDOR #	VENDOR INFORMATION		VENDOR INFORMATION	VENDOR INFORMATION
		1st Quote (If Applicable)		2nd Quote (If Applicable)	3rd Quote (If Applicable)
Constuction Sevices using On-Call Road Maintenance #2018-0071-PW/MM for Balsa Road	Name:	*TBD*			
	Address 1:				
	City, State, Zip:				
	Contact / Phone:				

Line #	DESCRIPTION Note Unit Type Cost: Each, Dozen, Box, Pair, Pkg, etc.	Qty Cost per item	Quantity	AMOUNT	Qty Cost per item	Quantity	AMOUNT	Qty Cost per item	Quantity	AMOUNT
							$ -			$ -
1	Requesting Construction Services using On-Call Agreement #2018-0071-PW/MM for Balsa Rd. Paving and Drainage Improvements			$ -			$ -		1	$ -
	358-6226-453.80-10	$445,800.00	1	$ 445,800.00			$ -			
							$ -			$ -
2	NMGRT @ 7.125%	$34,200.00	1	$ 34,200.00			$ -			$ -
	358-6226-453.80-10			$ -			$ -			$ -
				$ -			$ -			$ -
				$ -			$ -			$ -
				$ -			$ -			$ -
				$ -			$ -			$ -
	SUBTOTAL			$ 480,000.00			$ -			$ -
AUTHORIZED REQUESTOR PRINT:	SHIPPING/HANDLING									
Justin Reese	TAX RATE (Services Only)			$ -			$ -			$ -
AUTHORIZED REQUESTOR'S SIGNATURE & DATE:	TOTAL CHARGES			$ 480,000.00			$ -			$ -

REQUESTOR CERTIFIES THIS REQUEST HAS BEEN PROCURED AT THE BEST OBTAINABLE PRICE.

Created by:	
Date Created:	

Santa Fe County
Purchasing Process Request Form

Date Submitted:	January 3, 2019	**Requesting User Agency:**	Public Works/Projects
Name & Phone of Contact Person:	Justin Reese, Phone: 986-6271		
Contract Tracking #/Buyer (Purchasing)	Project Assignment No. 5 2018-0071-PW/MM	**BCC Approval?** (Y/N) (include BCC Meeting date)	~~Yes~~ No

AGENCY REQUEST: (RFP, IFB, Lease, MOU, Grant, Professional Services Agreement, Construction, Application, etc.) Describe the County, Public and/or Agency needs and the scope of work. Describe what you are attempting to purchase, obtain or accomplish. Attach additional sheets if necessary.

Director Acknowledgement: Date 1/3/19

Project Title: Balsa Road Paving and Drainage Improvements

Services Requested: The Santa Fe County Public Works Department requesting Construction Services using our On-Call Road Maintenance Agreement #2018-0071-PW/MM for paving and drainage improvements on Balsa Road located in the Eldorado Subdivision. The road is approximately 1.2 miles long and will need to widened to 20 ft. Culverts will need to be installed at intersections and driveways, along with relocating mailboxes. Traffic control will need to be in place during this project.

PURCHASING STATUS:

FINANCIAL / BUDGETARY INFORMATION: (If applicable, include a breakdown of project cost estimates; is funding already appropriated? If this action will result in revenue to the County, include the total compensation and timetable.)

Construction services are estimated to be $480,000 including NMGRT from Acct No:

358-6226-453.80-10 $480,000

LEGAL FORM: (identify any known liabilities and/or risks to the County. Is this a new contract or an amendment or change of a previously submitted procurement or contract?)

FINANCE DIRECTOR APPROVAL: (sign and date)

LEGAL APPROVAL: (sign and date)

BCC MEETING DATE

COUNTY MANAGER APPROVAL: (sign and date)

ATTACH NEEDED DOCUMENTS (Purchase Requisition, Justification Memo (sole source, emergency or other procurement exemption), W-9 for new vendor, draft BCC caption and memorandum, etc.)

GM EMULSION LLC.

Estimate

Date	Estimate #
2/14/2019	GME4512

Name / Address
Santa Fe County 424 NM SR 599 Santa Fe, NM 87504

Description	Qty	Rate	U/M	Total
Santa Fe County Balsa Road Paving and Drainage Project ZONE 4 2018-0071-PW/MM				
Length - 1.2 (6,336 lf) miles x 20' Avenida de Comadres to Avenida Casa Del Oro Subgrade, Base course, HMA, and Culverts				
BASE BID				
621000 Mobilization	1	5,000.00	LS	5,000.00T
618000 Traffic Control	1	15,000.00	LS	15,000.00T
201000 Clearing and Grubbing	1	6,000.00	LS	6,000.00T
601000 Removal of Structures & Obstructions	1	20,000.00	LS	20,000.00T
207000 Subgrade Preparation	15,488	2.00	sy	30,976.00T
303140 Basecourse 4"	2,961	25.00	ton	74,025.00T
423283 HMA (SP-IV) 2"	1,613	100.00	ton	161,300.00T
21" x 15" Arch Culvert Pipe	1,380	40.00	Lf	55,200.00T
28" x 20" Arch Culvert Pipe	230	53.00	Lf	12,190.00T
BID ALT #1				
423283 HMA (SP-IV) 0.5"	415	100.00	ton	41,500.00T

Thank you for the opportunity.

Subtotal	$421,191.00
Sales Tax (7.125%)	$30,009.86
Total	$451,200.86

Project Name: Balsa Road Paving and Drainage Project

Project Assignment No. 5

ATTACHMENT 1
PROJECT ASSIGNMENT
SCOPE OF WORK AND PROJECT SCHEDULE

A. SCOPE OF WORK

The contractor shall provide all labor, equipment, materials and services necessary to complete the following services.

Provide Traffic Control (Stamped by Engineer), Mobilization, Clearing and Grubbing (widening of the road and shaping will need to be included as an incidental), Removal of Structures and Obstructions (will need to include the removal and installation of mailboxes), Subgrade Preparation, Base Course, Hot Mix Asphalt (SP-IV) and install 1380 ft. of 21" x 15" Arch culvert pipe and 230 ft. of 28" x 20" Arch culvert pipe in accordance with Santa Fe County and NMDOT specifications. Subgrade preparation shall be placed on a 2% crown and will be 22' wide, it will need to be prepared in accordance with the attached specifications and all bar ditches will be cleared and shaped. Base course shall be placed at a final depth of 4" and the HMA will consist of one 2" lift compacted in accordance with specifications. Culverts will be installed along marked areas and will need to be compacted in accordance to specifications.

These services are required for the following road.

ROAD NAME	LENGTH (MILES)	WIDTH (FT.)	BEGINNING OF PROJECT	END OF PROJECT
Balsa Rd.	1.2	20	Ave. de Compadres	Ave. Casa Del Oro

BID ALTERNATE #1 – Add .5" OF HMA (SP-IV)

To increase the thickness of HMA by .5" for a total lift thickness of 2.5".

Line item Number	Description	Unit	Quantity
423283	HMA (SP-IV) .5"	TONS	415

The bids shall be based upon the material descriptions, units and estimated quantities. Final payment will be made upon quantities completed in accordance with the specifications, measured and accepted by the County.

Specifications

The Santa Fe County Specifications shall supersede the NMDOT specifications in instances where there is a conflict. The specifications utilized for this project are as follows:

1. New Mexico State Department of Transportation Standard Specifications for Highway and Bridge Construction, 2014 edition.
2. Santa Fe County Subgrade Preparation Specification dated January 26, 2018.
3. Santa Fe County Traffic Control Specifications dated January 26, 2018.
4. Santa Fe County Aggregate Index Specification dated February 22, 2017.
5. Balsa Road Base Bid Typical Section 2" HMA dated January 3, 2019.
6. Balsa Road Bid Alternative #1 Typical Section 2.5" HMA dated January 3, 2019.

B. SITE VISIT AND BID SUBMISSION

We will be meeting at the work site on February 12, 2019 at 10:00 a.m., all contractors need to be present to be eligible to provide a quote for the project.

The deadline will be a week after meeting February 19, 2019 by 5:00 pm, either by hand delivery or email. My email address is sjreese@santafecountynm.gov **or call me at 505-470-3390 if you have any questions.**

C. CONTRACT TIME

The number of days for the completion of work (the contract time) is 90 working days.

D. LIQUIDATED DAMAGES -$1,000.00

E. WAGE RATES IN ACCORDANCE WITH STATE OF NEW MEXICO WORKFORCE SOLUTIONS REQUIREMENTS AND SF-19-0150-A (ATTACHED)

F. BONDS

G. INSURANCE

H. BID SHEETS

Henry P. Roybal
Commissioner, District 1

Anna Hansen
Commissioner, District 2

Robert A. Anaya
Commissioner, District 3

Anna T. Hamilton
Commissioner, District 4

Ed Moreno
Commissioner, District 5

Katherine Miller
County Manager

MEMORANDUM

TO: Santa Fe County Staff

FROM: Katherine Miller, County Manager

VIA: Bill Taylor, Procurement Manager

DATE: January 25, 2018

SUBJECT: On-Call Road Construction & Maintenance Service Contracts

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In accordance with NMSA 1978 13-1-154.1 B. A state agency may procure multiple indefinite quantity construction contracts pursuant to a price agreement for multiple projects under a single request for proposals, provided the total amount of a contract and all renewals does not exceed two million dollars ($2,000,000.00) over four years and the contract provides that any one purchase order under the contract may not exceed five hundred thousand dollars ($500,000.00).

The Purchasing Division issued a two-step Request for Proposal (RFP) for On-Call Road Maintenance & Construction Materials. Effectively immediately the following vendors will be used by Santa Fe County for Road Maintenance & Construction Materials.

Allied 360 Construction, LLC.	**Agreement No. 2018-0071-PW/MM-A**
GM Emulsion LLC.	**Agreement No. 2018-0071-PW/MM-B**
Mountain States Constructors, Inc.	**Agreement No. 2018-0071-PW/MM-C**
Universal Constructors, Inc.	**Agreement No. 2018-0071-PW/MM-D**

All of the above Agreements contain a four year term expiring on January 26, 2022.

All County Agencies may utilize these agreements with prior written approval of the Scope of Work from Purchasing Division before commencement of any work. Be sure to include at the minimum the following documents to Purchasing for processing:

- Internal Purchase Requisition (IPR)
- AS400 Requisition referencing the Agreement No. and expiration date
- Quotes
    - Request for Quotes or notification of a specific project must include a scope of work,

specifications and scheduled site visit prior to submitting a bid or quote. All contractors will be notified of the project at the same date and time, including the date and time of the site visit and deadline to submit quotes.

- All vendors must be contacted for the lowest price. If a vendor does not wish to bid on the project, please attach any "no bid" documentation as supporting documentation. Keep in mind the Price Agreements reflect the maximum amount for the services. Bids for a specific project may be less than the prices in the Agreements, but they cannot exceed the prices in the Agreement.

- Project Assignment form along with coversheet of Agreement, quote from lowest bidder and highlighted bid sheets that pertain to each Project Assignment.

Please read and understand the terms and conditions of these Agreements. It is the responsibility of each department to utilize all vendors and be fiscally responsible.

Attached please find a copy of all the above mentioned contracts for your information.

AGREEMENT BETWEEN SANTA FE COUNTY AND CONTRACTOR FOR ROAD CONSTRUCTION SERVICES

PROJECT On-Call Road Construction Services

PROJECT LOCATION TO BE DETERMINED

SANTA FE COUNTY
PURCHASING DIVISION
2013 EDITION, Part A of Two Parts

Changes, additions, deletions and/or any modifications other than those agreed upon execution of this contract without the written consent of Santa Fe County shall render this document null and void.

THIS AGREEMENT is made and entered into on this 26th day of January 2018, by and between SANTA FE COUNTY (hereinafter referred to as the "(County"), a New Mexico political subdivision, and GM EMULSION, LLC, a company licensed to do business in the State of New Mexico, hereinafter referred to as the "Contractor".

Hereinafter "County":

Santa Fe County
PO Box 276
102 Grant Avenue
Santa Fe. New Mexico 87504
Telephone: (505) 986-6200

Hereinafter "Contractor":

GM Emulsion, LLC
Attention: Gabriel M. Martinez
5935 Agua Fria
Santa Fe, New Mexico 87507
Telephone: (505) 471-9981

RECITALS

WHEREAS, the County needs road construction and maintenance services on an "on-call" basis and as-needed for a variety of projects throughout the County as funding becomes available and as specific needs are identified; and

WHEREAS, pursuant to NMSA 1978, Section 13-1-112 NMSA 1978, competitive sealed proposals were solicited through Request for Proposal (RFP) No. 2018-0071-PW/MM for these services; and

WHEREAS, the County selected multiple qualified and experienced contractors to assist the County in a variety of road construction projects pursuant to NMSA 1978, Section 13-1-154.; and

WHEREAS, based upon the evaluation criteria stated in the RFP for the purpose of determining the most qualified offerors, the County has determined the Contractor as one of the most responsive and highest rated offerors; and

WHEREAS, the County requires the services of the Contractor and the Contractor is willing to provide these services and both parties wish to enter into this Agreement.

NOW THREFORE, in consideration of the premises and mutual obligations herein in Parts A and B of this Agreement, the parties hereto agree as follows:

1. PURPOSE OF THIS ON-CALL AGREEMENT

The purpose of this Agreement for road construction and maintenance services on an "on-call" basis is to provide for the timely availability of road construction services for projects as needed by the County. During the term of this on-call Agreement, the County in its sole discretion will determine the projects to be assigned to the Contractor. When assigning a project to the Contractor, the County will issue a Project Assignment using the Attachment 1 form attached hereto. The assignment will include a description of the assigned scope of work or services, a project schedule and the Contractor's costs and compensation for completion of the assigned project. If the Contractor plans to use consultants or subcontractors for a particular project assignment the Contractor will also provide a completed Sub Contractor's form indicated on Exhibit F, attached hereto. For each project assignment the County will send the Contractor a notice to proceed with the assignment using the Authorization to Proceed form (Exhibit K and Attachment 2).

2. SCOPE OF WORK

A. The scope of work as determined by the County will be described on Attachment 1 at the time a Project Assignment is made to the Contractor.

3. COMPENSATION, INVOICING, AND SET-OFF

A. In consideration of its obligations under this Agreement the Contractor shall be compensated as follows:

1) Contractor acknowledges and agrees that this Agreement executed by the parties does not authorize the performance of any services or work, commit funds to compensate Contractor for any services or work performed, or obligate the County to compensate the Contractor for any services or work. Services or work shall be authorized by issuance of a Project Assignment (Attachment 1) together with a purchase order issued by the County to the Contractor after execution of this Agreement, which purchase order shall set forth the matter for which services or work is authorized and the maximum compensation available for the authorized services or work. The total maximum compensation available to Contractor under this Agreement and all Project Assignments issued under this Agreement shall not exceed $2,000,000.00, exclusive of NM grt, over the term of this Agreement and/or any one purchase order issued under this Agreement shall not exceed $500,000, exclusive of NM grt.

2) For all purchase orders issued under this Agreement, the County shall compensate the Contractor for services satisfactorily performed. All costs and expenses shall be in accordance with Exhibit A (Bid Sheets) and as stated in the Project Assignment (Attachment 1, Project Assignment form).

3) The total amount payable to the Contractor under this Agreement, exclusive of NM grt shall not exceed $2,000,000.00 over the term of this Agreement. Any NM grt levied on the amounts payable under this Agreement shall be paid by the County to the Contractor.

4) This amount is a maximum and not a guarantee that the work assigned to be performed by Contractor under this Agreement shall equal the amount stated herein. The parties do not intend for the Contractor to continue to provide services without compensation when the total compensation amount is reached. The County will notify the Contractor when the services provided under this Agreement reach the total compensation amount. In no event will the Contractor be paid for services provided in excess of the total compensation amount without this Agreement being amended.

B. The Contractor shall submit a written request for payment, on the form attached hereto as Exhibit B (Pay Request form), when payment is due under this Agreement. Upon the County's receipt of the written request, the County shall issue a written certification of complete or partial acceptance or rejection of the

contractual items or services for which payment is sought. The Contractor acknowledges and agrees that the County may not make any payment hereunder unless and until the County has issued a written certification accepting the contractual items or services. Within 30 days of the issuance of a written certification accepting the contractual items or services, the County shall tender payment for the accepted items or services. In the event the County fails to tender payment within 30 days of the written certification accepting the items or services, the County shall pay late payment charges of one and one-half percent (1.5%) per month, until the amount due is paid in full.

C. In the event the Contractor breaches this Agreement, the County may, without penalty, withhold any payments due the Contractor for the purpose of set-off until such time as the County determines the exact amount of damages it suffered as a result of the breach.

D. Payment under the Agreement shall not foreclose the right of the County to recover excessive or illegal payment.

4. EXHIBIT LIST

Exhibit A	Bid Sheets
Exhibit B	Application for Payment
Exhibit C	Amendment to On-Call Agreement
Exhibit D	Subcontractor's Listing Form
Exhibit E	Technical Specifications as listed in Plan Set
Exhibit F	Labor and Material Payment Bond
Exhibit G	Performance Bond
Exhibit H	Assignment of Antitrust Claims
Exhibit I	Certificate of Liability Insurance
Exhibit J	Notice of Contract Award
Exhibit K	Notice to Proceed
Exhibit L	Change Order to a Project Assignment

Exhibit M	Certificate of Substantial Completion

5. ATTACHMENT LIST

Attachment 1	Project Assignment form – Scope of Work and Schedule
Attachment 2	Project Specific Quote/Bid Sheets pertinent to Project Assignment

SIGNATURE PAGE

IN WITNESS WHEREOF, the parties have duly executed this Agreement as of the date first written above.

SANTA FE COUNTY

Katherine Miller
Santa Fe County Manager

Approved as to form:

R. Bruce Frederick
Santa Fe County Attorney

1-16-18
Date

Finance Department approval:

Stephanie Schardin Clarke
Finance Director

1/17/18
Date

CONTRACTOR:

Erik Trujillo P.M.
(print name and title)

1-18-18
Date

GM Emulsion, LLC
Best & Final dated 12/11/17

SANTA FE COUNTY
ON-CALL ROAD CONSTRUCTION AND MAINTENANCE SERVICES
RFP 2018-0071-PWWM 2 Step (FINAL BID SHEET - October 27, 2017)

ITEM #	ITEM DESCRIPTION	UNIT	ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5
1	CLEARING AND GRUBBING	ACRE	Unit Price $1,500 Written in Words One thousand five hundred and zero cents	Unit Price $1,200 Written in Words One thousand two hundred and zero cents	Unit Price $1,500 Written in Words One thousand five hundred and zero cents	Unit Price $1,200 Written in Words One thousand two hundred and zero cents	Unit Price $1,800 Written in Words One thousand eight hundred and zero cents
2	UNCLASSIFIED EXCAVATION	CU.YD.	Unit Price $5.50 Written in Words Five dollars and fifty cents	Unit Price $5.00 Written in Words Five dollars and zero cents	Unit Price $5.50 Written in Words Five dollars and fifty cents	Unit Price $5.00 Written in Words Five dollars and zero cents	Unit Price $6.00 Written in Words Six dollars and zero cents
3	BORROW	CU.YD.	Unit Price $14.00 Written in Words Fourteen dollars and zero cents	Unit Price $12.00 Written in Words Twelve dollars and zero cents	Unit Price $14.00 Written in Words Fourteen dollars and zero cents	Unit Price $12.00 Written in Words Twelve dollars and zero cents	Unit Price $16.00 Written in Words Fifteen dollars and zero cents
4	SUBGRADE PREPARATION (1 - 10,000 SY)	SQ.YD.	Unit Price $2.50 Written in Words Two dollars and fifty cents	Unit Price $2.00 Written in Words Two dollars and zero cents	Unit Price $2.25 Written in Words Two dollars and twenty five cents	Unit Price $2.00 Written in Words Two dollars and zero cents	Unit Price $3.50 Written in Words Three dollars and fifty cents
5	SUBGRADE PREPARATION (10,001 + SY)	SQ.YD.	Unit Price $2.50 Written in Words Two dollars and fifty cents	Unit Price $2.00 Written in Words Two dollars and zero cents	Unit Price $2.25 Written in Words Two dollars and twenty five cents	Unit Price $2.00 Written in Words Two dollars and zero cents	Unit Price $3.50 Written in Words Three dollars and fifty cents
6	EXCAVATION AND BACKFILL FOR MAJOR STRUCTURES	CU.YD.	Unit Price $15.50 Written in Words Fifteen dollars and fifty cents	Unit Price $15.00 Written in Words Fifteen dollars and zero cents	Unit Price $15.50 Written in Words Fifteen dollars and fifty cents	Unit Price $15.00 Written in Words Fifteen dollars and zero cents	Unit Price $18.00 Written in Words Eighteen dollars and zero cents
7	BASE COURSE	TONS	Unit Price $28.00 Written in Words Twenty eight dollars and zero cents	Unit Price $25.00 Written in Words Twenty five dollars and zero cents	Unit Price $28.00 Written in Words Twenty eight dollars and zero cents	Unit Price $25.00 Written in Words Twenty five dollars and zero cents	Unit Price $32.00 Written in Words Thirty two dollars and zero cents
8	TYPE I-BDR BASE COURSE	TONS	Unit Price $28.00 Written in Words Twenty eight dollars and zero cents	Unit Price $25.00 Written in Words Twenty five dollars and zero cents	Unit Price $28.00 Written in Words Twenty eight dollars and zero cents	Unit Price $25.00 Written in Words Twenty five dollars and zero cents	Unit Price $32.00 Written in Words Thirty two dollars and zero cents

SANTA FE COUNTY
ON-CALL ROAD CONSTRUCTION AND MAINTENANCE SERVICES
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ITEM #	ITEM DESCRIPTION	UNIT	ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5
9	BITUMINOUS MATERIAL FOR TACK COAT	TONS	Unit Price: $750.00	Unit Price: $700.00	Unit Price: $750.00	Unit Price: $700.00	Unit Price: $800.00
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Seven hundred fifty and zero cents	Seven hundred dollars and zero cents	Seven hundred fifty and zero cents	Seven hundred dollars and zero cents	Eight hundred dollars and zero cents
10	PRIME COAT MATERIAL	TONS	Unit Price: $800.00	Unit Price: $750.00	Unit Price: $800.00	Unit Price: $750.00	Unit Price: $850.00
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Eight hundred dollars and zero cents	Seven hundred fifty and zero cents	Eight hundred dollars and zero cents	Seven hundred fifty and zero cents	Eight hundred fifty and zero cents
11	PLACEMENT AND COMPACTION OF SCREENED COLD MILLINGS (BITUMIOUS) (1 - 20,000 SY/IN)	SY/IN COMPACTED	Unit Price: $2.75	Unit Price: $2.50	Unit Price: $2.75	Unit Price: $2.50	Unit Price: $3.00
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Two dollars and seventy five cents	Two dollars and fifty cents	Two dollars and seventy five cents	Two dollars and fifty cents	Three dollars and zero cents
12	PLACEMENT AND COMPACTION OF SCREENED COLD MILLINGS (BITUMIOUS) (20,001 - 50,000 SY/IN)	SY/IN COMPACTED	Unit Price: $2.25	Unit Price: $2.00	Unit Price: $2.25	Unit Price: $2.00	Unit Price: $2.75
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Two dollars and twenty five cents	Two dollars and zero cents	Two dollars and twenty five cents	Two dollars and zero cents	Two dollars and seventy five cents
13	PLACEMENT AND COMPACTION OF SCREENED COLD MILLINGS (BITUMIOUS) (50,001 + SY/IN)	SY/IN COMPACTED	Unit Price: $2.25	Unit Price: $2.00	Unit Price: $2.25	Unit Price: $2.00	Unit Price: $2.75
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Two dollars and twenty five cents	Two dollars and zero cents	Two dollars and twenty five cents	Two dollars and zero cents	Two dollars and seventy five cents
14	ASHPHALT COLD MILLING (1-20,000 SY/IN)	SY/IN COMPACTED	Unit Price: $1.75	Unit Price: $1.75	Unit Price: $1.75	Unit Price: $1.75	Unit Price: $1.75
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			One dollar and seventy five cents	One dollar and seventy five cents	One dollar and seventy five cents	One dollar and seventy five cents	One dollar and seventy five cents
15	ASHPHALT COLD MILLING (20,001 - 50,000 SY/IN)	SY/IN COMPACTED	Unit Price: $1.50	Unit Price: $1.50	Unit Price: $1.50	Unit Price: $1.50	Unit Price: $1.50
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			One dollar and fifty cents	One dollar and fifty cents	One dollar and fifty cents	One dollar and fifty cents	One dollar and fifty cents

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ITEM #	ITEM DESCRIPTION	UNIT	ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5
16	ASPHALT COLD MILLING (50,001 + SY/IN)	SY/IN COMPACTED	Unit Price $1.50 Written in Words One dollar and fifty cents	Unit Price $1.50 Written in Words One dollar and fifty cents	Unit Price $1.50 Written in Words One dollar and fifty cents	Unit Price $1.50 Written in Words One dollar and fifty cents	Unit Price $1.50 Written in Words One dollar and fifty cents
17	RECLAIMING OF SURFACE - PROCESS, PLACE AND COMPACT (1-20,000 SY/IN)	SY/IN COMPACTED	Unit Price $1.50 Written in Words One dollar and fifty cents	Unit Price $1.50 Written in Words One dollar and fifty cents	Unit Price $1.50 Written in Words One dollar and fifty cents	Unit Price $1.50 Written in Words One dollar and fifty cents	Unit Price $1.50 Written in Words One dollar and fifty cents
18	RECLAIMING OF SURFACE - PROCESS, PLACE AND COMPACT (20,001 - 50,000 SY/IN)	SY/IN COMPACTED	Unit Price $1.50 Written in Words One dollar and fifty cents	Unit Price $1.50 Written in Words One dollar and fifty cents	Unit Price $1.50 Written in Words One dollar and fifty cents	Unit Price $1.50 Written in Words One dollar and fifty cents	Unit Price $1.50 Written in Words One dollar and fifty cents
19	RECLAIMING OF SURFACE - PROCESS, PLACE AND COMPACT (50,001 + SY/IN)	SY/IN COMPACTED	Unit Price $1.50 Written in Words One dollar and fifty cents	Unit Price $1.50 Written in Words One dollar and fifty cents	Unit Price $1.50 Written in Words One dollar and fifty cents	Unit Price $1.50 Written in Words One dollar and fifty cents	Unit Price $1.50 Written in Words One dollar and fifty cents
20	MICRO-SURFACING	TONS	Unit Price $5.00 Written in Words Five dollars and zero cents	Unit Price: $5.00 Written in Words Five dollars and zero cents	Unit Price 5.00 Written in Words Five dollars and zero cents	Unit Price $5.00 Written in Words Five dollars and zero cents	Unit Price 5.00 Written in Words Five dollars and zero cents
21	MINOR PAVING HOT MIX ASPHALT SUPERPAVE IV	TONS	Unit Price $100.00 Written in Words One hundred dollars and zero cents	Unit Price: $100.00 Written in Words One hundred dollars and zero cents	Unit Price $100.00 Written in Words One hundred dollars and zero cents	Unit Price $100.00 Written in Words One hundred dollars and zero cents	Unit Price $105.00 Written in Words One hundred dollars and five cents
22	SINGLE LAYER CHIP SEAL WITH 40LBS PER SQ YD OF 3/8" CHIPS. HFE 100P OIL AT AN APPLICATION RATE OF .5 GALLONS PER SQ YD. CSS1-P 1:1 OIL AT AN APPLICATION RATE OF .15 GALLONS PER SQ YD. ALL WORK INCLUDING THE SUPPLYING AND PLACEMENT OF MATERIALS INCLUDING COMPACTION, CHIP SPREADING, AND OIL DISTRIBUTION. HAULING OF CHIPS INCLUDED.	SQ.YD.	Unit Price $4.50 Written in Words Four dollars and fifty cents	Unit Price: $4.50 Written in Words Four dollars and fifty cents	Unit Price $4.50 Written in Words Four dollars and fifty cents	Unit Price $4.50 Written in Words Four dollars and fifty cents	Unit Price $4.50 Written in Words Four dollars and fifty cents

SANTA FE COUNTY
ON-CALL ROAD CONSTRUCTION AND MAINTENANCE SERVICES
RFP 2018-0071-PWMM 2 Step (FINAL BID SHEET - October 27, 2017)

ITEM #	ITEM DESCRIPTION	UNIT	ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5
23	SINGLE LAYER CHIP SEAL WITH 40LBS PER SQ YD OF 1/2" CHIPS. HFE 100P OIL AT AN APPLICATION RATE OF .5 GALLONS PER SQ YD. CSSI-P 1:1 OIL AT AN APPLICATION RATE OF .15 GALLONS PER SQ YD. ALL WORK INCLUDING THE SUPPLYING AND PLACEMENT OF MATERIALS INCLUDING COMPACTION, CHIP SPREADING, AND OIL DISTRIBUTION. HAULING OF CHIPS INCLUDED.	SQ.YD.	Unit Price: $4.50 Written in Words Four dollars and fifty cents	Unit Price: $4.50 Written in Words Four dollars and fifty cents	Unit Price: $4.50 Written in Words Four dollars and fifty cents	Unit Price: $4.50 Written in Words Four dollars and fifty cents	Unit Price: $4.50 Written in Words Four dollars and fifty cents
24	DOUBLE LAYER CHIP SEAL WITH 40LBS PER SQ YD OF 1/2" CHIPS. 40LBS PER SQ YD OF 5/8"CHIPS. AE-P OIL AT AN APPLICATION RATE OF .5 GALLONS PER SQ YD. HFE 100P OIL AT AN APPLICATION RATE OF .5 GALLONS PER SQ YD. CSSI-P 1:1 OIL AT AN APPLICATION RATE OF .15 GALLONS PER SQ YD. ALL WORK INCLUDING THE SUPPLYING AND PLACEMENT OF MATERIALS INCLUDING COMPACTION, CHIP SPREADING, AND OIL DISTRIBUTION. HAULING OF CHIPS INCLUDED.	SQ.YD.	Unit Price: $6.50 Written in Words Six dollars and fifty cents	Unit Price: $6.50 Written in Words Six dollars and fifty cents	Unit Price: $6.50 Written in Words Six dollars and fifty cents	Unit Price: $6.50 Written in Words Six dollars and fifty cents	Unit Price: $6.75 Written in Words Six dollars and seventy five cents
25	STRUCTURAL CONCRETE, CLASS A WITH A MAXIMUM WEIGHT OF 54 LBS OF REBAR FOR EVERY YARD OF CONCRETE	CU.YD.	Unit Price: $450.00 Written in Words Four hundred fifty dollars and zero cents	Unit Price: $450.00 Written in Words Four hundred fifty dollars and zero cents	Unit Price: $450.00 Written in Words Four hundred fifty dollars and zero cents	Unit Price: $450.00 Written in Words Four hundred fifty dollars and zero cents	Unit Price: $450.00 Written in Words Four hundred fifty dollars and zero cents
26	STRUCTURAL CONCRETE, CLASS AA WITH A MAXIMUM WEIGHT OF 74 LBS OF REBAR FOR EVERY YARD OF CONCRETE	CU.YD.	Unit Price: $465.00 Written in Words Four hundred sixty five dollars and zero cents	Unit Price: $465.00 Written in Words Four hundred sixty five dollars and zero cents	Unit Price: $465.00 Written in Words Four hundred sixty five dollars and zero cents	Unit Price: $465.00 Written in Words Four hundred sixty five dollars and zero cents	Unit Price: $465.00 Written in Words Four hundred sixty five dollars and zero cents
27	REINFORCED CONCRETE FOR MINOR STRUCTURES	CU.YD	Unit Price: $650.00 Written in Words Six hundred fifty dollars and zero cents	Unit Price: $650.00 Written in Words Six hundred fifty dollars and zero cents	Unit Price: $650.00 Written in Words Six hundred fifty dollars and zero cents	Unit Price: $650.00 Written in Words Six hundred fifty dollars and zero cents	Unit Price: $650.00 Written in Words Six hundred fifty dollars and zero cents
28	FLOWABLE FILL	CU.YD.	Unit Price: $150.00 Written in Words One hundred fifty dollars and zero cents	Unit Price: $150.00 Written in Words One hundred fifty dollars and zero cents	Unit Price: $150.00 Written in Words One hundred fifty dollars and zero cents	Unit Price: $150.00 Written in Words One hundred fifty dollars and zero cents	Unit Price: $150.00 Written in Words One hundred fifty dollars and zero cents
29	RENTAL OF PUMP IF NEEDED FOR PUMPING CONCRETE OR FLOWABLE FILL	HOUR	Unit Price: $220.00 Written in Words Two hundred twenty dollars and zero cents	Unit Price: $220.00 Written in Words Two hundred twenty dollars and zero cents	Unit Price: $220.00 Written in Words Two hundred twenty dollars and zero cents	Unit Price: $220.00 Written in Words Two hundred twenty dollars and zero cents	Unit Price: $220.00 Written in Words Two hundred twenty dollars and zero cents

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ITEM #	ITEM DESCRIPTION	UNIT	ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5
30	METAL BRIDGE RAILING, TYPE D	LINEAR FOOT	Unit Price $350.00	Unit Price $350.00	Unit Price $350.00	Unit Price $350.00	Unit Price $350.00
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Three hundred fifty and zero cents	Three hundred fifty and zero cents	Three hundred fifty and zero cents	Three hundred fifty and zero cents	Three hundred fifty and zero cents
31	METAL BARRIER END TREATMENT	LINEAR FOOT	Unit Price $105.00	Unit Price $105.00	Unit Price $105.00	Unit Price $105.00	Unit Price $105.00
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			One hundred five dollars and zero cents	One hundred five dollars and zero cents	One hundred five dollars and zero cents	One hundred five dollars and zero cents	One hundred five dollars and zero cents
32	THRIE-BEAM METAL BARRIER INSTALLATION ATTACHING TRANSITION TO CONCRETE WALL BARRIER	LINEAR FOOT	Unit Price $98.00	Unit Price: $98.00	Unit Price: $98.00	Unit Price $98.00	Unit Price $98.00
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Ninety eight dollars and zero cents	Ninety eight dollars and zero cents	Ninety eight dollars and zero cents	Ninety eight dollars and zero cents	Ninety eight dollars and zero cents
33	THRIE-BEAM METAL BARRIER INSTALLATION ATTACHING TRANSITIONS TO BRIDGE RAILING	LINEAR FOOT	Unit Price $98.00	Unit Price: $98.00	Unit Price: $98.00	Unit Price $98.00	Unit Price $98.00
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Ninety eight dollars and zero cents	Ninety eight dollars and zero cents	Ninety eight dollars and zero cents	Ninety eight dollars and zero cents	Ninety eight dollars and zero cents
34	W-BEAM METAL BARRIER INSTALLATION ATTACHING TRANSITIONS TO BRIDGE RAILING	LINEAR FOOT	Unit Price $98.00	Unit Price $98.00	Unit Price: $98.00	Unit Price $98.00	Unit Price $98.00
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Ninety eight dollars and zero cents	Ninety eight dollars and zero cents	Ninety eight dollars and zero cents	Ninety eight dollars and zero cents	Ninety eight dollars and zero cents
35	EPOXY COATING BRIDGE DECK SURFACE WITH MARK 119- POLYCARB WITH OKLAHOMA FROM DOW FORMULATED SYSTEMS	SQUARE FOOT	Unit Price: $12.00	Unit Price $12.00	Unit Price: $12.00	Unit Price: $12.00	Unit Price $12.00
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Twelve dollars and zero cents	Twelve dollars and zero cents	Twelve dollars and zero cents	Twelve dollars and zero cents	Twelve dollars and zero cents
36	18" ROUND CORRUGATED METAL PIPE	LINEAR FOOT	Unit Price $35.00	Unit Price $35.00	Unit Price: $35.00	Unit Price: $35.00	Unit Price $35.00
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Thirty five dollars and zero cents	Thirty five dollars and zero cents	Thirty five dollars and zero cents	Thirty five dollars and zero cents	Thirty five dollars and zero cents
37	18" ROUND CORRUGATED METAL PIPE END SECTION	EACH	Unit Price $263.00	Unit Price: $263.00	Unit Price: $263.00	Unit Price: $263.00	Unit Price $263.00
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Two hundred sixty three and zero cents	Two hundred sixty three and zero cents	Two hundred sixty three and zero cents	Two hundred sixty three and zero cents	Two hundred sixty three and zero cents

GM Emulsion, LLC
Best & Final dated 12/11/17

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ITEM #	ITEM DESCRIPTION	UNIT	ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5
38	18" ROUND CORRUGATED METAL PIPE BANDS AND HARDWARE	EACH	Unit Price $24.00	Unit Price $24.00	Unit Price $24.00	Unit Price $24.00	Unit Price $24.00
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Twenty four dollars and zero cents	Twenty four dollars and zero cents	Twenty four dollars and zero cents	Twenty four dollars and zero cents	Twenty four dollars and zero cents
39	24" ROUND CORRUGATED METAL PIPE	LINEAR FOOT	Unit Price $45.00	Unit Price $45.00	Unit Price $45.00	Unit Price $45.00	Unit Price $45.00
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Forty five dollars and zero cents	Forty five dollars and zero cents	Forty five dollars and zero cents	Forty five dollars and zero cents	Forty five dollars and zero cents
40	24" ROUND CORRUGATED METAL PIPE END SECTION	EACH	Unit Price $375.00	Unit Price $375.00	Unit Price $375.00	Unit Price $375.00	Unit Price $375.00
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Three hundred seventy five and zero cents	Three hundred seventy five and zero cents	Three hundred seventy five and zero cents	Three hundred seventy five and zero cents	Three hundred seventy five and zero cents
41	24" ROUND CORRUGATED METAL PIPE BANDS AND HARDWARE	EACH	Unit Price $27.00	Unit Price $27.00	Unit Price $27.00	Unit Price $27.00	Unit Price $27.00
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Twenty seven dollars and zero cents	Twenty seven dollars and zero cents	Twenty seven dollars and zero cents	Twenty seven dollars and zero cents	Twenty seven dollars and zero cents
42	30" ROUND CORRUGATED METAL PIPE	LINEAR FOOT	Unit Price $58.00	Unit Price $58.00	Unit Price $58.00	Unit Price $58.00	Unit Price $58.00
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Fifty eight dollars and zero cents	Fifty eight dollars and zero cents	Fifty eight dollars and zero cents	Fifty eight dollars and zero cents	Fifty eight dollars and zero cents
43	30" ROUND CORRUGATED METAL PIPE END SECTION	EACH	Unit Price $613.00	Unit Price $613.00	Unit Price $613.00	Unit Price $613.00	Unit Price $613.00
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Six hundred thirteen and zero cents	Six hundred thirteen and zero cents	Six hundred thirteen and zero cents	Six hundred thirteen and zero cents	Six hundred thirteen and zero cents
44	30" ROUND CORRUGATED METAL PIPE BANDS AND HARDWARE	EACH	Unit Price $32.00	Unit Price $32.00	Unit Price $32.00	Unit Price $32.00	Unit Price $32.00
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Thirty two dollars and zero cents	Thirty two dollars and zero cents	Thirty two dollars and zero cents	Thirty two dollars and zero cents	Thirty two dollars and zero cents
45	21" X 15" CORRUGATED METAL PIPE -ARCH	LINEAR FOOT	Unit Price $40.00	Unit Price $40.00	Unit Price $40.00	Unit Price $40.00	Unit Price $40.00
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Forty dollars and zero cents	Forty dollars and zero cents	Forty dollars and zero cents	Forty dollars and zero cents	Forty dollars and zero cents

SANTA FE COUNTY
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ITEM #	ITEM DESCRIPTION	UNIT	ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5
46	21" X 15" CORRUGATED METAL PIPE -ARCH END SECTION	EACH	Unit Price: $263.00	Unit Price: $263.00	Unit Price: $263.00	Unit Price: $263.00	Unit Price: $263.00
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Two hundred sixty three and zero cents	Two hundred sixty three and zero cents	Two hundred sixty three and zero cents	Two hundred sixty three and zero cents	Two hundred sixty three and zero cents
47	21" X 15" CORRUGATED METAL PIPE -ARCH BANDS AND HARDWARE	EACH	Unit Price: $26.00	Unit Price: $26.00	Unit Price: $26.00	Unit Price: $26.00	Unit Price: $26.00
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Twenty six dollars and zero cents	Twenty six dollars and zero cents	Twenty six dollars and zero cents	Twenty six dollars and zero cents	Twenty six dollars and zero cents
48	24" X 18" CORRUGATED METAL PIPE -ARCH	LINEAR FOOT	Unit Price: $48.00	Unit Price: $48.00	Unit Price: $48.00	Unit Price: $48.00	Unit Price: $48.00
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Forty eight dollars and zero cents	Forty eight dollars and zero cents	Forty eight dollars and zero cents	Forty eight dollars and zero cents	Forty eight dollars and zero cents
49	24" X 18" CORRUGATED METAL PIPE -ARCH END SECTION	EACH	Unit Price: $300.00	Unit Price: $300.00	Unit Price: $300.00	Unit Price: $300.00	Unit Price: $300.00
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Three hundred dollars and zero cents	Three hundred dollars and zero cents	Three hundred dollars and zero cents	Three hundred dollars and zero cents	Three hundred dollars and zero cents
50	24" X 18" CORRUGATED METAL PIPE -ARCH BANDS AND HARDWARE	EACH	Unit Price: $28.00	Unit Price: $28.00	Unit Price: $28.00	Unit Price: $28.00	Unit Price: $28.00
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Twenty eight dollars and zero cents	Twenty eight dollars and zero cents	Twenty eight dollars and zero cents	Twenty eight dollars and zero cents	Twenty eight dollars and zero cents
51	28" X 20" CORRUGATED METAL PIPE -ARCH	LINEAR FEET	Unit Price: $53.00	Unit Price: $53.00	Unit Price: $53.00	Unit Price: $53.00	Unit Price: $53.00
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Fifty three dollars and zero cents	Fifty three dollars and zero cents	Fifty three dollars and zero cents	Fifty three dollars and zero cents	Fifty three dollars and zero cents
52	28" X 20" CORRUGATED METAL PIPE -ARCH END SECTION	EACH	Unit Price: $375.00	Unit Price: $375.00	Unit Price: $375.00	Unit Price: $375.00	Unit Price: $375.00
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Three hundred seventy five and zero cents	Three hundred seventy five and zero cents	Three hundred seventy five and zero cents	Three hundred seventy five and zero cents	Three hundred seventy five and zero cents

GM Emulsion, LLC
Best & Final dated 12/11/17

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ITEM #	ITEM DESCRIPTION	UNIT	ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5
53	28" X 20" CORRUGATED METAL PIPE -ARCH BANDS AND HARDWARE	EACH	Unit Price $27.00	Unit Price $27.00	Unit Price $27.00	Unit Price $27.00	Unit Price $27.00
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Twenty seven dollars and zero cents	Twenty seven dollars and zero cents	Twenty seven dollars and zero cents	Twenty seven dollars and zero cents	Twenty seven dollars and zero cents
54	35" X 24" CORRUGATED METAL PIPE -ARCH	LINEAR FEET	Unit Price $65.00	Unit Price $65.00	Unit Price $65.00	Unit Price $65.00	Unit Price $65.00
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Sixty five dollars and zero cents	Sixty five dollars and zero cents	Sixty five dollars and zero cents	Sixty five dollars and zero cents	Sixty five dollars and zero cents
55	35" X 24" CORRUGATED METAL PIPE -ARCH END SECTION	EACH	Unit Price $575.00	Unit Price $575.00	Unit Price $575.00	Unit Price $575.00	Unit Price $575.00
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Five hundred seventy five and zero cents	Five hundred seventy five and zero cents	Five hundred seventy five and zero cents	Five hundred seventy five and zero cents	Five hundred seventy five and zero cents
56	35" X 24" CORRUGATED METAL PIPE -ARCH BANDS AND HARDWARE	EACH	Unit Price $32.00	Unit Price $32.00	Unit Price $32.00	Unit Price $32.00	Unit Price $32.00
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Thirty two dollars and zero cents	Thirty two dollars and zero cents	Thirty two dollars and zero cents	Thirty two dollars and zero cents	Thirty two dollars and zero cents
57	42" X 29" CORRUGATED METAL PIPE -ARCH	LINEAR FOOT	Unit Price $78.00	Unit Price $78.00	Unit Price $78.00	Unit Price $78.00	Unit Price $78.00
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Seventy eight dollars and zero cents	Seventy eight dollars and zero cents	Seventy eight dollars and zero cents	Seventy eight dollars and zero cents	Seventy eight dollars and zero cents
58	42" X 29" CORRUGATED METAL PIPE -ARCH END SECTION	EACH	Unit Price $913.00	Unit Price $913.00	Unit Price $913.00	Unit Price $913.00	Unit Price $913.00
			Written in Words	Written in Words	Written in Words	Written in Words	Written in Words
			Nine hundred thirteen and zero cents	Nine hundred thirteen and zero cents	Nine hundred thirteen and zero cents	Nine hundred thirteen and zero cents	Nine hundred thirteen and zero cents

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ITEM #	ITEM DESCRIPTION	UNIT	ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5
90	CONCRETE BARRIER CURB & GUTTER 6" X 24" (451 - 900 LF)	LINEAR FOOT	Unit Price: $20.00 Written in Words Twenty dollars and zero cents	Unit Price: $20.00 Written in Words Twenty dollars and zero cents	Unit Price: $20.00 Written in Words Twenty dollars and zero cents	Unit Price: $20.00 Written in Words Twenty dollars and zero cents	Unit Price: $20.00 Written in Words Twenty dollars and zero cents
91	CONCRETE BARRIER CURB & GUTTER 6" X 24" (901 + LF)	LINEAR FOOT	Unit Price: $18.00 Written in Words Eighteen dollars and zero cents	Unit Price: $18.00 Written in Words Eighteen dollars and zero cents	Unit Price: $18.00 Written in Words Eighteen dollars and zero cents	Unit Price: $18.00 Written in Words Eighteen dollars and zero cents	Unit Price: $18.00 Written in Words Eighteen dollars and zero cents
92	CONCRETE LAYDOWN CURB & GUTTER 6" X 24" (1 - 450 LF)	LINEAR FOOT	Unit Price: $22.00 Written in Words Twenty two dollars and zero cents	Unit Price: $22.00 Written in Words Twenty two dollars and zero cents	Unit Price: $22.00 Written in Words Twenty two dollars and zero cents	Unit Price: $22.00 Written in Words Twenty two dollars and zero cents	Unit Price: $22.00 Written in Words Twenty two dollars and zero cents
93	CONCRETE LAYDOWN CURB & GUTTER 6" X 24" (451 - 900 LF)	LINEAR FOOT	Unit Price: $20.00 Written in Words Twenty dollars and zero cents	Unit Price: $20.00 Written in Words Twenty dollars and zero cents	Unit Price: $20.00 Written in Words Twenty dollars and zero cents	Unit Price: $20.00 Written in Words Twenty dollars and zero cents	Unit Price: $20.00 Written in Words Twenty dollars and zero cents
94	CONCRETE LAYDOWN CURB & GUTTER 6" X 24" (901 + LF)	LINEAR FOOT	Unit Price: $18.00 Written in Words Eighteen dollars and zero cents	Unit Price: $18.00 Written in Words Eighteen dollars and zero cents	Unit Price: $18.00 Written in Words Eighteen dollars and zero cents	Unit Price: $18.00 Written in Words Eighteen dollars and zero cents	Unit Price: $18.00 Written in Words Eighteen dollars and zero cents
95	MDI TYPE 1 (URBAN) H=0'0" TO 3'0"	EACH	Unit Price: $4200.00 Written in Words Four thousand two hundred and zero cents	Unit Price: $4200.00 Written in Words Four thousand two hundred and zero cents	Unit Price: $4200.00 Written in Words Four thousand two hundred and zero cents	Unit Price: $4200.00 Written in Words Four thousand two hundred and zero cents	Unit Price: $4200.00 Written in Words Four thousand two hundred and zero cents
96	MOD MED DI TYPE (VALLEY/U) H=0'0" TO 3'0"	EACH	Unit Price: $4500.00 Written in Words Four thousand five hundred and zero cents	Unit Price: $4500.00 Written in Words Four thousand five hundred and zero cents	Unit Price: $4500.00 Written in Words Four thousand five hundred and zero cents	Unit Price: $4500.00 Written in Words Four thousand five hundred and zero cents	Unit Price: $4500.00 Written in Words Four thousand five hundred and zero cents
97	CDI TYPE 1-B TO 4'	EACH	Unit Price: $4500.00 Written in Words Four thousand five hundred and zero cents	Unit Price: $4500.00 Written in Words Four thousand five hundred and zero cents	Unit Price: $4500.00 Written in Words Four thousand five hundred and zero cents	Unit Price: $4500.00 Written in Words Four thousand five hundred and zero cents	Unit Price: $4500.00 Written in Words Four thousand five hundred and zero cents

GM Emulsion, LLC
Best & Final dated 12/11/17

SANTA FE COUNTY
ON-CALL ROAD CONSTRUCTION AND MAINTENANCE SERVICES
RFP 2018-0071-PWMM 2 Step (FINAL BID SHEET - October 27, 2017)

ITEM #	ITEM DESCRIPTION	UNIT	ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5
98	MANHOLE ADJUSTMENTS	EACH	Unit Price $650.00 Written in Words Six hundred fifty dollars and zero cents	Unit Price $650.00 Written in Words Six hundred fifty dollars and zero cents	Unit Price $650.00 Written in Words Six hundred fifty dollars and zero cents	Unit Price $650.00 Written in Words Six hundred fifty dollars and zero cents	Unit Price $650.00 Written in Words Six hundred fifty dollars and zero cents
99	WATER VALVE ADJUSTMENT	EACH	Unit Price $350.00 Written in Words Three hundred fifty dollars and zero cents	Unit Price $350.00 Written in Words Three hundred fifty dollars and zero cents	Unit Price $350.00 Written in Words Three hundred fifty dollars and zero cents	Unit Price $350.00 Written in Words Three hundred fifty dollars and zero cents	Unit Price $350.00 Written in Words Three hundred fifty dollars and zero cents
100	CONSTRUCTION STAKING BY CONTRACTOR	PER JOB					
	REMOVAL OF STRUCTURES / SWPPP PLAN PREPARATION	UNIT					
101	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	PER JOB					
102	SWPPP PLAN PREPARATION	PER JOB					
103	SWPPP MANAGEMENT	PER JOB					
	TRAFFIC CONTROL/ MATERIAL TESTING	UNIT					
104	TRAFFIC CONTROL PLAN	PER JOB					
105	TRAFFIC CONTROL MANAGEMENT	PER JOB					
106	MOBILIZATION	PER JOB					
107	MATERIAL TESTING	PER JOB					
108	BOARD MESSAGE, RENTAL OF NON-INCANDESCENT VARIABLE, MESSAGE BOARD, THREE (3) LINES, EIGHT (8) CHARACTERS PER LINE SIZE: MIN 113" W X 76" H MIN. RAISED HEIGHT: 13' TRAILER MOUNTED	DAY	$165.00				

Balsa Rd. Bid Sheet

Santa Fe County

Project Number 6226	Balsa Rd. - 6336 lf				
Line Item Number	Description	Unit	Quantity	Cost Per Unit	Total
201000	Clearing and Grubbing	Lump Sum	1	19,000.00	$ 19,000.00
207000	Subgrade Preparation	Square Yard	15488	1.30	$ 20,134.40
303140	Basecourse 4"	Tons	2961	27.40	$ 81,131.40
423283	HMA (SP-IV) 2"	Tons	1613	94.00	$ 151,622.00
570223	21" x 15" Arch Culvert Pipe	Linear Foot	1380	51.50	$ 71,070.00
570224	28" x 20" Arch Culvert Pipe	Linear Foot	230	65.00	$ 14,950.00
601000	Removal of Structures & Obstructions	Lump Sum	1	15,000.00	$ 15,000.00
618000	Traffic Control	Lump Sum	1	9,000.00	$ 9,000.00
621000	Mobilization	Lump Sum	1	30,000.00	$ 30,000.00
				Total	$411,907.80
				NMGRT 7.125%	$ 29,348.43
				Grand Total	$441,256.23

Balsa Rd. Bid Alternate #1 - add .5" HMA (SP-IV)

Santa Fe County

Project Number 6226	Balsa Rd. - 6336 lf				
Line Item Number	Description	Unit	Quantity	Cost Per Unit	Total
423283	HMA (SP-IV) .5"	Tons	415	94.00	$ 39,010.00
				Total	$ 39,010.00
				NMGRT 7.125%	$ 2,779.46
				Grand Total	$ 41,759.46

UNIVERSAL CONSTRUCTORS, INC.

Gilbert A Luna 2-19-19

GILBERT A. LUNA
PRESIDENT

Steven J. Reese

From:	Steven J. Reese
Sent:	Monday, February 04, 2019 10:55 AM
To:	'gilbert@ucinm.com'; 'mbrown@msconstructors.com'; 'angelo@gmemulsion.com'; 'patrickherrera@ymail.com'
Cc:	Diego Gomez
Subject:	Site visit for Balsa Road drainage and paving project (MANDATORY)
Attachments:	ATTACHMENT 1 Project Assignment Balsa Road.docx; Typical Sections.pdf; Requirements.pdf; Balsa Rd. Bid Sheets.xlsx; SFC Traffic Control Specification 1-26-18.pdf; Santa Fe County Subgrade Preparation Stamped 1-26-18.pdf; SFC Aggregate Index Specifcations Stamped 2-22-17.pdf; WAGE RATES.pdf

I have attached all the items needed to bid on the Balsa Rd. Project using the current On-Call Road Agreement #2018-0071-PW/MM, we will be meeting at the bottom of Balsa Road at 10:00 am on February 12, 2019 being present is mandatory for eligibility for proposals. If you have any questions, please feel free to contact me at 505-986-6271.

Justin Reese

Project Manager III
Public Works Projects Division
Santa Fe County
901 W. Alameda Suite 20-C
P.O. Box 276
Santa Fe, NM 87501
505-470-3390 Cell
505-986-6271 Office

February 12, 2019 10:00 AM MST
MANDATORY SITE VISIT FOR BALSA ROAD PROJECT
BALSA ROAD WORK SITE
AGREEMENT NO. 2018-0071-PW/MM - PROJECT ASSIGNMENT #5

Attendance			Name	Affiliation	Title	e-mail Address	Phone #
Yes	No	Initials					
			SANTA FE COUNTY				
✓			Justin Reese	SFC	Road Projects Manager	sjreese@santafecountynm.gov	(505) 986-6271
			Diego Gomez, PE	SFC	Project Engineer	dgomez@santafecountynm.gov	(505) 992-3026
			Gilbert Lara	Privargal	Pres	gilbert@pcinm.com	(505) 894-0[illegible]
			FRED MARQUEZ	GMEmulsion	ESTIMATOR PM	fred@gmemulsion.com	983-6506
			Angelo Gonzales	GM Emulsion	Estimator	angelo@gmemulsion.com	470-3110
			Caroline Martinez	GMEmulsion		Caroline@gmemulsion.com	258 830 4950

Balsa Road Paving & Drainage Project Bidding Questions

February 14, 2019

Attn: GM Emulsion and Universal Constructors

I have received questions from both companies, listed below are the questions and responses for the Balsa Road Paving and Drainage Project:

GM EMULSION

1. There are no bid items for testing. Will testing be required from the contractors?
   There is no testing required Santa Fe County will be doing all testing, contractors will be required to do a QC on basecourse and HMA.

2. Does existing site soil meet the required specification for backfill material along the culvert pipes?
   The contractors will be allowed to use the existing material to backfill culvert pipes.

3. If we need to remove driveway culverts decorative rocks, will we need to replace?
   The contractors will need to replace decorative rocks or structures as needed.

4. Where will the staging area be for this project?
   I have contacted the Santa Fe County Fire Dept. for the use of Eldorado Fire Station #2, it will be up to the contractors to contact Steve Moya (Fire Assistant Chief) at 505-992-3083 or Glenn Saums at 505-490-5676 to see if they will allow you to store equipment and stage there.

UNIVERSAL CONSTRUCTORS

1. Is construction water available?
   This will be the responsibility of the contractor, you could possibly talk to the Fire Station and ask to use water.

2. Does the County have any nearby property for use as a laydown area?
   See response to question #4 above.

3. Is existing soil suitable for use in backfilling culverts?
   See response to question #2 above.

4. What is the anticipated NTP for the project?
   I believe it will be around April 1st.

5. Does CMP culvert need to be smooth lined?
   CMP culverts do not have to be smooth lined.

6. Bar ditch grading is incidental to clearing and grubbing?
   Yes, bar ditch grading and shaping will be incidental to clearing and grubbing.

7. Is contractor required to furnish any testing?
   There is no testing required Santa Fe County will be doing all testing, contractors will be required to do a QC on basecourse and HMA.

Santa Fe County

Balsa Road Paving and Drainage Project

A. Scope of Work

The contractor shall provide all labor, equipment, materials and services necessary to complete the following services.

Provide Traffic Control (Stamped by Engineer), Mobilization, Clearing and Grubbing (widening of the road and shaping will need to be included as an incidental), Removal of Structures and Obstructions (will need to include the removal and installation of mailboxes), Subgrade Preparation, Base Course, Hot Mix Asphalt (SP-IV) and install 1380 ft. of 21" x 15" Arch culvert pipe and 230 ft. of 28" x 20" Arch culvert pipe in accordance with Santa Fe County and NMDOT specifications. Subgrade preparation shall be placed on a 2% crown and will be 22' wide, it will need to be prepared in accordance with the attached specifications and all bar ditches will be cleared and shaped. Base course shall be placed at a final depth of 4" and the HMA will consist of one 2" lift compacted in accordance with specifications. Culverts will be installed along marked areas and will need to be compacted in accordance to specifications. The contractor will have 120 working days to finish project.

These services are required for the following road.

ROAD NAME	LENGTH (MILES)	WIDTH (FT.)	BEGINNING OF PROJECT	END OF PROJECT
Balsa Rd.	1.2	20	Ave. de Compadres	Ave. Casa Del Oro

<u>BID ALTERNATE #1 – Add .5" OF HMA (SP-IV)</u>

To increase the thickness of HMA by .5" for a total lift thickness of 2.5".

Line item Number	Description	Unit	Quantity
423283	HMA (SP-IV) .5"	TONS	415

The bids shall be based upon the material descriptions, units and estimated quantities. Final payment will be made upon quantities completed in accordance with the specifications, measured and accepted by the County.

B. Specifications

The Santa Fe County Specifications shall supersede the NMDOT specifications in instances where there is a conflict. The specifications utilized for this project are as follows:

1. New Mexico State Department of Transportation Standard Specifications for Highway and Bridge Construction, 2014 edition.
2. Santa Fe County Subgrade Preparation Specification dated January 26, 2018.
3. Santa Fe County Traffic Control Specifications dated January 26, 2018.
4. Santa Fe County Aggregate Index Specification dated February 22, 2017.
5. Balsa Road Base Bid Typical Section 2" HMA dated January 3, 2019.
6. Balsa Road Bid Alternative #1 Typical Section 2.5" HMA dated January 3, 2019.

C. Proposals

We will be meeting at the work site on April 13, 2019 at 10:00 a.m., all contractors need to be present to be eligible to provide a quote for the project.

The deadline will be a week after meeting April 20, 2019 by 5:00 pm, either by hand delivery or email. My email address is sjreese@santafecountynm.gov **or call me at 505-470-3390 if you have any questions.**

Santa Fe County
Traffic Control Specification
January 26, 2018

DIEGO A. GOMEZ
NEW MEXICO
19357
1/26/18
PROFESSIONAL ENGINEER

Description

The work consists of providing a traffic control plan and traffic control management including supervision of personal and the installation, inspection, and maintenance of traffic control devices. The Contractor shall furnish all labor, equipment, and traffic control devices necessary to provide a safe work zone. All required signing and traffic control devices shall be in compliance with the current edition of the Manual on Uniform Traffic Control Devices.

Management of the traffic control shall be performed in accordance with section 618 Traffic Control Management of the Standard Specifications for Highway and Bridge Construction New Mexico State Department of Transportation 2014 edition.

Traffic Control Plan

The Traffic Control Plan shall be submitted on 11" x 17" paper and shall be stamped by a registered professional engineer in the State of New Mexico. The traffic control plan shall be created using a CADD program and submitted to the Santa Fe County Project Manager for approval.

Pavement Drop-Offs

Pavement drop-offs occur when the longitudinal edge of the travel lane is not flush with the adjacent existing surface.

<u>Case 1 - Activities within the Travel Lane Such as Milling or Overlay Operations</u>

A maximum 1 ½" vertical drop-off between adjacent surfaces will be allowed at the centerline of lanes without treatment. When the drop-off is greater than 1 ½" a fillet with a slope of 3:1 or flatter shall be provided during non-working hours. The work shall be scheduled to result in not more than one day operation of exposed longitudinal joint between adjacent surfaces.

<u>Case 2 - Areas Adjacent to the Existing Travel Lane with Buffer Zones Less than 6ft in Width</u>

A buffer zone is defined as any smooth, transversable surface that does not contain any obstruction or drop offs.

A. A slope of 3:1 or flatter should be constructed whenever possible.
B. Drop offs greater than 1 ½" that are exposed to traffic during non-working hours shall be protected by a fillet (3:1 or flatter) or delineation by drums, vertical panels or other delineation devices.

C. For drop-offs greater than 1 foot, if a fillet of less than 3:1 slope is not achievable, positive barrier (concrete wall barrier or approved equal) should be used.

Case 3-Areas Adjacent to the Existing Travel Lane with Buffer Zones 6ft or more in Width

A. A slope of 3:1 or flatter should be constructed whenever possible.
B. For drop-offs less than 2 feet, vertical panels or other delineation devices shall be used.
C. For drop-offs greater than 2 feet, if a fillet of less than 3:1 slope is not achievable, positive barrier (concrete wall barrier or approved equal) should be used.

Case 4 – Point Drop-offs Such as Drop Inlets and CBC Ends.

When this type of drop-off is present, every effort should be made to place the appropriate permanent nature, such as guardrail or inlet grates, as soon as possible.

1. For drop-offs located 6ft. or more from the travel lane, Type "B" drums shall be used to delineate the hazard.
2. For drop-offs located less than 6ft. from the travel lane, positive barrier (concrete wall barrier or approved equal) protection shall be provided. Type "B" drums may be used if the drop-off will be exposed for less than 24 hours.

Work Included in Payment

All labor, materials and equipment to provide traffic control for the construction project. Payment shall be full compensation for the traffic control devices, traffic control plan and the daily management of the traffic control and no further payment will be made.

Santa Fe County
Subgrade Preparation Specification
January 26, 2018

DIEGO A. GOMEZ
NEW MEXICO
19357
1/26/18
PROFESSIONAL ENGINEER

Description

This work consists of compacting and finishing the subgrade.

Construction Requirements

Maximum dry density of all soil types encountered or used will be determined in accordance with AASHTO T 180 (Modified Proctor) Method D (TCCP Modified) and AASHTO T 224.

Compact the top six inches of the Roadbed to 95% of maximum density.

Ensure the soil moisture content (at the time of compaction) is from optimum minus five percent (5%). For soils with a PI of 15 or greater, ensure the moisture content of the soil at the time of compaction is from optimum moisture to optimum moisture plus four percent (4%).

Conduct field density tests at locations according to Minimum Testing Requirements, in accordance with AASHTO T 130.

Tolerances

Ensure the top surface of the finished Subgrade is either crowned at 2% or super-elevated at 2% to that assure water drains into the ditches. Adjusting the profile of the subgrade should be limited to minor adjustments and must be approved by the Project Manager.

Pay Item	Pay Unit
Subgrade Preparation	Square Yard

Work Included in Payment

Cleaning and re-shaping of the roadside ditches to assure drainage leaves the roadway and enters the drainage structures will be incidental to this pay item and no additional payment will be included. Subgrade Preparation will be paid for at a width of 22' for the length of the subgrade. No payment will be made for re-handling or reworking material to meet moisture and density requirements.

Santa Fe County
Aggregate Index Specification
February 22, 2017

DIEGO A. GOMEZ
NEW MEXICO
19357
2/22/17
PROFESSIONAL ENGINEER

Description

The Aggregate Index (AI) combines test values from the Los Angeles Wear Test, Soundness Loss Test, and Absorption Test. The AI is a single value representing the overall quality of the source from which the aggregates are obtained. Do not use to evaluate individual aggregate stockpile quality.

Sampling and Testing Procedures

Determine Los Angeles wear, soundness loss, and absorption values for the AI equation using at least five random test samples obtained from all stockpiles at the source in accordance with AASHTO T 2. Submit all of the five samples to a Department approved private Laboratory for combination into a single sample. The Project Manager or the State Materials Bureau will have a list of approved private laboratories. Extract a representative test sample from the single sample to determine the Los Angeles wear and absorption values.
Prepare the sample used to determine the absorption as follows:

Plus 3/4 in	1000 grams
3/4 in to 1/2 in	1000 grams
1/2 in to 3/8 in	1000 grams
3/8 in to #4	1000 grams

Separate the remaining amount of the single sample into five test samples using the procedures in AASHTO T 248. Calculate a soundness loss value for each of these five samples using Table 910.2:1, "Standard Gradation for Soundness Loss Testing."

Table
Standard Gradation for Soundness Loss Testing

Sieve size	% passing
1 1/4 in	100
1 in	100
3/4 in	79
1/2 in	53
3/8 in	34
No. 4	0

Average the five soundness loss results to obtain the overall soundness loss value for the subject aggregate pit.

Testing of Aggregates

Perform the following tests using a State Materials Bureau approved Testing Laboratory:

1. Los Angeles Wear (in accordance with AASHTO T 96, Method B);
2. Soundness loss (in accordance with AASHTO T 104); and
3. Absorption (in accordance with AASHTO T 85 or NMDOT 001 (20066)).

Use the same private Laboratory for the entire project unless otherwise approved (in writing) by the Project Manager.

Obtain samples under the observation of the Project Manager.
Split samples into two samples in accordance with AASHTO T 248.

Frequency of Testing

Submit samples at least once every year to maintain continuous approval of Commercial Material Sources.

Equation

Calculate the AI of a coarse aggregate to the nearest whole number in accordance with the following equation:

$$AI = \frac{1}{3}\sqrt{LA^{2.2} + SL^{3.0} + A^{4.0}}$$

where:

AI	is the aggregate index
LA	is the Los Angeles Wear, the percent of aggregate wear at 500 revolutions if tested in accordance with AASHTO T 96
SL	is the soundness loss of the sample if tested in accordance with AASHTO T 104 using magnesium sulfate with a test duration of 5 cycles and a standard gradation
A	is the absorption, the amount of moisture retained if tested in accordance with AASHTO T 85

Example:

1. Determine the L.A. Wear as a whole number – for example, 25;
2. Determine the Soundness Loss as a whole number – for example, 15;
3. Determine the Absorption as a whole number – for example, 3;
4. Calculate the value of the L.A. Wear taken to the 2.2 power – that is, 25^(2.2) = 1189.8;
5. Calculate the value of the Soundness Loss taken to the 3rd power – that is, 15^(3) = 3375;
6. Calculate the value of the Absorption taken to the 4th power – that is, 3^(4) = 81.0;
7. Add the value obtained from steps 4, 5, and 6 – that is, 11.89.8 + 3375 + 81.0 = 4645.8;
8. Determine the square root of Step 7 – that is, √(4658.8) = 68.2;
9. Divide the result from Step 8 by 3 – that is, 68.2 ÷ 3 = 22.7; The A.I. for this sample is 22.7.

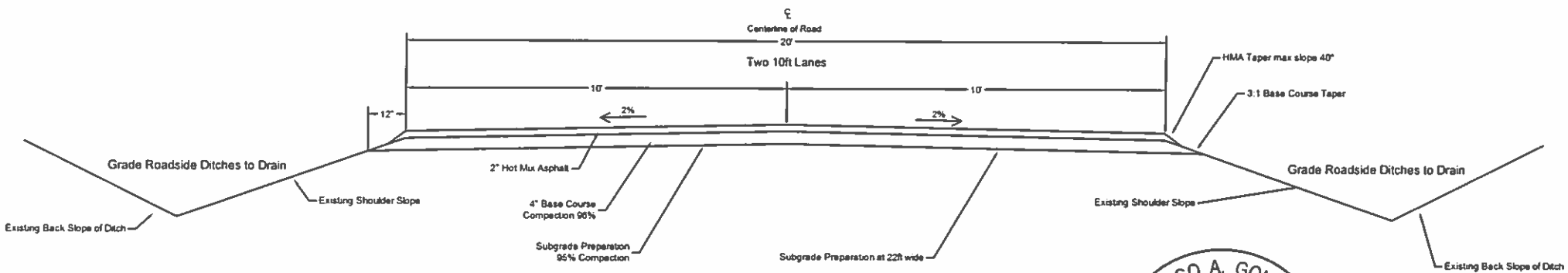
Balsa Road

Base Bid Typical Section

2 " HMA and 4" Basecourse

20ft Asphalt Driving Surface SP - IV

22ft Subgrade Preparation



DIEGO A. GOMEZ
NEW MEXICO
19357
1/3/19
PROFESSIONAL ENGINEER

Balsa Rd.

Culvert List

Balsa Rd. (1.2 miles)

Culvert Locations	Culvert Length (ft)
21" x 15" Arch CMP Driveway #1	30
21" x 15" Arch CMP Driveway #2	30
21" x 15" Arch CMP Driveway #3	30
21" x 15" Arch CMP Driveway #23	30
21" x 15" Arch CMP Driveway #4	30
21" x 15" Arch CMP Driveway #5	30
21" x 15" Arch CMP Driveway #7	30
21" x 15" Arch CMP Driveway #8	30
21" x 15" Arch CMP Driveway #9	30
21" x 15" Arch CMP Driveway #10	30
21" x 15" Arch CMP Driveway #11 (2)	60
21" x 15" Arch CMP Driveway #12	30
21" x 15" Arch CMP Driveway #15	30
21" x 15" Arch CMP Driveway #17	30
21" x 15" Arch CMP Driveway #19	30
21" x 15" Arch CMP Driveway #23	30
21" x 15" Arch CMP Driveway #24	30
21" x 15" Arch CMP Driveway #27	30
21" x 15" Arch CMP Driveway #28	30
21" x 15" Arch CMP Driveway #29	30
21" x 15" Arch CMP Driveway #30	30
21" x 15" Arch CMP Driveway #31	30
21" x 15" Arch CMP Driveway #32	30
21" x 15" Arch CMP Driveway #34	30
21" x 15" Arch CMP Driveway #32	30
21" x 15" Arch CMP Driveway #35	30
21" x 15" Arch CMP Driveway #36	30
21" x 15" Arch CMP Driveway #39	30
21" x 15" Arch CMP Driveway #40	30
21" x 15" Arch CMP Driveway #41	30
21" x 15" Arch CMP Driveway #42	30
21" x 15" Arch CMP Driveway #43	30
21" x 15" Arch CMP Driveway #44	30
21" x 15" Arch CMP Driveway #45	30
21" x 15" Arch CMP Driveway #50	30
21" x 15" Arch CMP Driveway #52	30
21" x 15" Arch CMP Driveway #53	30
21" x 15" Arch CMP Driveway #54	30
21" x 15" Arch CMP Driveway #56	30
21" x 15" Arch CMP Driveway #57	30
21" x 15" Arch CMP Driveway #58	30
21" x 15" Arch CMP Driveway #59	30
21" x 15" Arch CMP Driveway #60	30
21" x 15" Arch CMP Driveway #61	30
21" x 15" Arch CMP Driveway #62	30
28" x 20" Arch CMP Across Balsa Pl.	60
28" x 20" Arch CMP Across Balsa Ct.	50
28" x 20" Arch CMP Across Balsa Dr.	60
28" x 20" Arch CMP Across Balsa Dr. @ Ave. de Compadres	60
Total Length 21" x 15" Arch CMP	**1380**
Total Length 28" x 20" Arch CMP	**230**

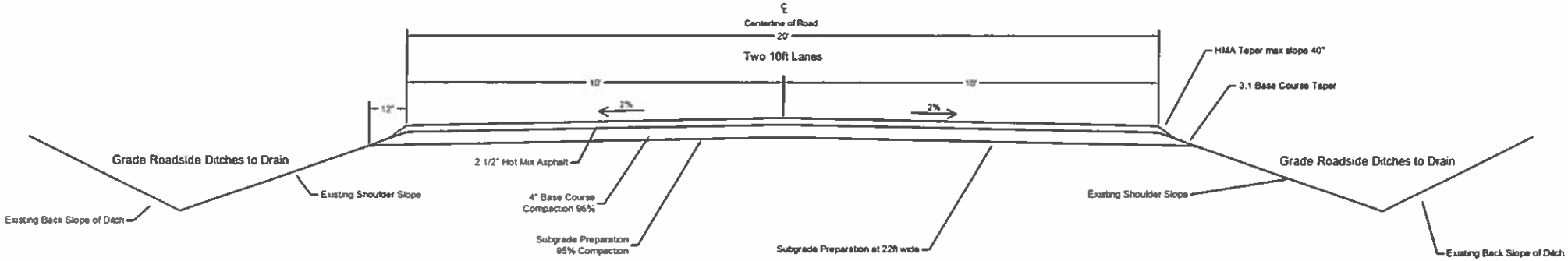
Balsa Road

Bid Alternative #1 Typical Section

2 1/2" HMA and 4" Basecourse

20ft Asphalt Driving Surface SP - IV

22ft Subgrade Preparation



DIEGO A. GOMEZ
NEW MEXICO
19357
1/3/19
PROFESSIONAL ENGINEER

TYPE "A" - STREET, HIGHWAY, UTILITY & LIGHT ENGINEERING

Effective January 1, 2019

Trade Classification	Base Rate	Fringe Rate
Bricklayer/Blocklayer/Stonemason	23.78	9.08
Carpenter/Lather	24.08	10.84
Cement Mason	17.42	6.61
Ironworker	26.50	16.20
Painter (Brush/Roller/Spray)	17.00	6.78
Plumber/Pipefitter	29.45	12.37
Electricians (outside)		
Groundman	22.81	11.93
Equipment Operator	32.73	14.51
Lineman/Wireman or Tech	38.51	16.02
Cable Splicer	42.36	17.01
Laborers		
Group I	11.81	5.88
Group II	12.11	5.88
Group III	12.51	5.88
Group IV	12.76	5.88
Operators		
Group I	18.60	5.94
Group II	19.52	5.94
Group III	19.62	5.94
Group IV	19.73	5.94
Group V	19.83	5.94
Group VI	20.01	5.94
Group VII	20.17	5.94
Group VIII	20.46	5.94
Group IX	27.88	5.94
Group X	31.10	5.94
Truck Drivers		
Group I	16.15	7.52
Group II	16.15	7.52
Group III	16.15	7.52
Group IV	16.15	7.52
Group V	16.15	7.52
Group VI	16.15	7.52
Group VII	16.15	7.52
Group VIII	16.21	7.52
Group IX	18.15	7.52

NOTE: All contractors are required to pay SUBSISTENCE, ZONE AND INCENTIVE PAY according to the particular trade. Details are located in a PDF attachment at WWW.DWS.STATE.NM.US. Search Labor Relations/Labor Information/Public Works/Prevailing Wage Rates.

GM200113 SANTA FE COUNTY 1/08/19
Fiscal Year 2019 Account Balance Inquiry 09:00:25

Account number . . . . : 358-6226-453.80-10
Fund . . . . . : 358 GOB SERIES 2018
Department . . . . . : 62 PUBLIC WORKS DEPARTMENT
Division . . . . . : 26 BALSA ROAD
Activity basic . . . . : 45 HIGHWAYS & STREETS
Sub activity . . . . . : 3 ROAD IMPROVEMENTS
Element . . . . . : 80 CAPITAL PURCHASES
Object . . . . . : 10 ROADWAYS (BRIDGE/CULVERT)

Original budget . . . . . :	0	
Revised budget . . . . . :	480,000	12/11/2018
Actual expenditures - current . :	.00	
Actual expenditures - ytd . . . . :	.00	
Unposted expenditures . . . . . :	.00	
Encumbered amount . . . . . :	.00	
Unposted encumbrances . . . . . :	.00	
Pre-encumbrance amount . . . . . :	480,000.00	
Total expenditures & encumbrances:	480,000.00	100.0 %
Unencumbered balance . . . . . :	.00	0.0 %

F12=Cancel F13=Misc Budget data F14=Pre-encumbrance detail F15=Budget alloc.
F16=Pending Trans F17=Budget Misc update F20=Imaging F24=More keys

good to go

JT