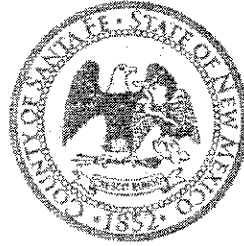


Henry P. Roybal
Commissioner, District 1

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

DATE: August 31, 2018

TO: Board of County Commissioners

FROM: Bill Taylor, Procurement Manager

VIA: Katherine Miller, County Manager
Stephanie S. Clarke, Finance Director
Michael K. Kelley, Public Works Director

ITEM AND ISSUE: BCC Meeting September 11, 2018

Approval of Change Order No. 2 to Agreement No. 2018-0006-PW/MM Between Santa Fe County and H.O. Construction, Inc. in the Amount of \$252,556.00, Exclusive of NM GRT for the Los Pinos Road All-Weather Crossing Project for a Total Agreement Sum of \$1,149,516.92, Exclusive of NM GRT and Granting Signature Authority to the County Manager to Sign the Purchase Order. (Bill Taylor, Purchasing/Diego Gomez, Public Works)

BACKGROUND:

On July 23, 2018 the Arroyo De Los Chamisos experienced a catastrophic flooding event. The force of the water during the flooding event has changed the flow path of the arroyo. The flow path has shifted 100 feet south and now runs parallel to County Road (CR) 54. This change in flow direction creates the possibility that water and debris from any future flood events will flow out of the arroyo and into the road rather than go through the newly constructed Concrete Box Culvert. It is essential that an erosion control structure be constructed along CR 54 to keep the arroyo within its historical limits.

ISSUE:

HO Construction is currently under contract for the construction of the All Weather crossing on Los Pinos Road. The fact they are currently mobilized, it is in the best interest of the County to change order their existing contract to include the construction of the appropriately designed erosion control structure to preserve the integrity of CR 54. Without construction of the erosion control structure the road and surrounding properties will very likely be damaged during future flooding events. The contractor has provided a cost for this work of \$252,556.00, exclusive of NM GRT to build the erosion control structure.

County Resolution 2014-143 requires BCC approval for any contract amount that exceeds \$250,000.00 or amendment or change order that increases the contract amount by 10% or more.

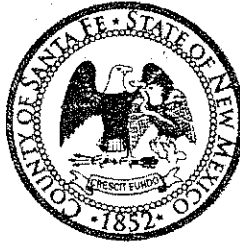
ACTION REQUESTED:

Approval of Change Order No. 2 to Agreement No. 2018-0006-PW/MM Between Santa Fe County and H.O. Construction, Inc. in the amount of \$252,556.00, exclusive of NM GRT for the Los Pinos Road All-Weather Crossing Project for a total Agreement sum of \$1,149,516.92 and granting signature authority to the County Manager to sign the purchase order.

Henry Roybal
Commissioner, District 1

Anna Hanson
Commissioner, District 2

Robert A. Anaya
Commissioner, District 3



Anna Tricia Hamilton
Commissioner, District 4

Edward Moreno
Commissioner, District 5

Katherine Miller
County Manager

MEMORANDUM

DATE: *August 28, 2018*

TO: *Bill Taylor, Procurement Manager*

FROM: *Shannon Vigil, Project Manager* *SV*

CC: *Diego Gomez, Project Engineer* *EA for D.G.*
Michael Kelley, Public Work Director

ITEM AND ISSUE: *Change Order #2 for CR 54 Los Pinos AWC at Arroyo de los Chamisos*

Santa Fe County Projects is requesting Change Order #2 for CR 54 Los Pinos Road AWC at Arroyo de los Chamisos for the amount of \$258,912.56. This will cover the construction of a Gabion wall and dumped riprap.

On July 23, 2018 the Arroyo De Los Chamisos experienced a catastrophic flooding event. The force of the water during the flooding event has changed the flow path of the arroyo. The flow path has shifted 100 feet south and now runs parallel to County Road (CR) 54. This change in flow direction creates the possibility that water and debris from any future flood events will flow out of the arroyo and into the road rather than go through the newly constructed concrete box culvert. It is essential that an erosion control structure be constructed along CR 54 to keep the arroyo within its historical limits.

HO Construction is currently under contract for the construction of the All Weather crossing on Los Pinos Road. The fact they are currently mobilized, it is in the best interest of the County to change order their existing contract to include the construction of the appropriately designed erosion control structure to preserve the integrity of CR 54.

The Contractor will be using a design that was completed by Bohannon Huston, Inc in August 2018 for the Emergency repairs along CR 54 (Los Pinos Road).

The Contractor has provided a price for the Construction of the Gabion wall and dumped riprap. Santa Fe County Project Staff and the Consultant Engineer have reviewed this price and find it acceptable.

These additional costs will need to be included in the Santa Fe County Agreement No. 2018-0006-PW/MM with H. O. Construction, Inc. If you have any questions please feel free to contact me at 505-995-6516.

EXHIBIT I
CHANGE ORDER

PROJECT: 54 (Los Pinos Road) Drainage and Road Improvements / 2018-0006-PW/MM

CONTRACTOR: HO Construction, Inc.
CHANGE ORDER NO: 2

ARCHITECT/ENGINEER

PROJECT NO: 2018-0006-PW/MM

Contractor Telephone: (505) 873-0554
Contractor e-mail:
ENGINEER'S/ARCHITECT'S PROJECT NO:

CHANGE ORDER JUSTIFICATION (Provide definitive reason for proposed change order.)
On July 23, 2018 the Arroyo De Los Chamisos experienced a catastrophic flooding event. The force of the water during the flooding event has changed the flow path of the arroyo. The flow path has shifted 100 feet south and now runs parallel to County Road (CR) 54. This change in flow direction creates the possibility that water and debris from any future flood events will flow out of the arroyo and into the road rather than go through the newly constructed concrete box culvert. It is essential that an erosion control structure be constructed along CR 54 to keep the arroyo within its historical limits.

HO Construction is currently under contract for the construction of the All Weather crossing on Los Pinos Road. The fact they are currently mobilized, it is in the best interest of the County to change order their existing contract to include the construction of the appropriately designed erosion control structure to preserve the integrity of CR 54.

The Contractor will be using a design that was completed by Bohannon Huston, Inc in August 2018 for the Emergency repairs along CR 54 (Los Pinos Road).

The Contractor has provided a price for the Construction of the Gabion wall and dumped riprap. Santa Fe County Project Staff and the Consultant Engineer have reviewed this price and find it acceptable.

You are directed to make the following changes in this Contract: (Provide a detailed description of the Scope of the Work.)

The project will require the construction of a gabion wall and dumped rebar along the northeast section of Los Pinos Road. This will entail installing a Gabion wall with dumped rebar along Los Pinos Road as shown on the design done by Bohannon Huston, Inc.

NOT VALID UNTIL SIGNED BY BOTH THE COUNTY AND THE ARCHITECT/ENGINEER.
Signature of the Contractor indicates his agreement herewith, including any adjustment in the Contract Sum or Contract Time.

The Original Contract Sum was	\$816,404.00
Net change by previously authorized Change Orders	\$80,556.92
The Contract Sum prior to this Change Order was	\$896,960.92
The Contract Sum will be increased	
by this Change Order in the amount of	\$252,556.00
The new contract Sum including this Change Order will be	\$1,149,516.92
The Contract Time will be increased by <u>60</u> days.	
The date of Substantial Completion as of the date of this Change Order therefore is: <u>191 days</u>	

IN WITNESS WHEREOF, the parties have executed this Change Order as of the date of last signature by the parties.

SANTA FE COUNTY:

Anna Hansen, Chair
Santa Fe County Board of County Commissioners

ATTESTATION:

Geraldine Salazar
Santa Fe County Clerk

Date

Approved as to form:

R. Bruce Frederick
Santa Fe County Attorney

Date

Finance Department:

Stephanie Schardin Clarke
Finance Director

Date

CONTRACTOR:

Signature

8/31/2018

Date

Horacio Ortiz President
(Print name & title)

ENGINEER:

Signature

Date

8-31-2018

KEVIN M MORTAGH, P.E.
(Print name & title)

PROJECT MANAGER

H.O. CONSTRUCTION, INC

PO BOX 9468
ALBUQUERQUE, NM 871119
PHONE: 505-873-0554

Estimate

Date	Estimate #
08/24/2018	2018-63

Name / Address
Santa Fe County Public Works


Project					
County Road 54 Los Pinos Road					
Item	Description	Qty	Rate	Unit	Total
203000	UNCLASSIFIED EXCAVATION	300	38.00	CY	11,400.00T
602010	RIPRAP CLASS B	740	178.00	CY	131,720.00T
602200	GABIONS	240	302.00	CY	72,480.00T
00	DREDGING OF ARROYO	1,186	22.00	CY	26,092.00T
3	BORROW	388	28.00	CY	10,864.00T
EXCLUDED: HAULING AND DISPOSAL OF MATERIALS, DISPOSAL FEES, PERMITS, TESTING, AND SURVEYING					
Signature _____			Subtotal		\$252,556.00
			Sales Tax (7.125%)		\$17,994.62
			Total		\$270,550.62

Phone #	Fax #
505-873-0554	505-452-0844

EXHIBIT I

CHANGE ORDER

PROJECT: CR 54 (Los Pinos Road) Drainage and Road Improvements / 2018-0006-PW/MM

CONTRACTOR: H. O. Construction, Inc.
CHANGE ORDER NO: 1 

ARCHITECT/ENGINEER: Bohannon Huston, Inc.

PROJECT NO: 2018-0006-PW/MM

Contractor Telephone: 505-873-0554

Contractor e-mail:

ENGINEER'S/ARCHITECT'S PROJECT NO:

CHANGE ORDER JUSTIFICATION (Provide definitive reason for proposed change order.)

The Engineer explains in the attached response letter that while the Contractor was excavating for the foundation of the (CBC) it was discovered the water table is at the same elevation as the foundation. The plans never identified the elevation of water table nor did they include any line items associated with foundation stabilization. It is necessary to stabilize the foundation prior to placing the concrete footings for the CBC. This will require excavating 18" below the foundation and installing 18" of rock in order to place the footings on a stable foundation.

While researching the design of the CBC the current Project Staff located a Geotechnical report from 2013. This Geotechnical report identified the water table at 9 feet below the road. For reasons unknown the construction plans for the CBC never addressed stabilizing the foundation. Since this work was not shown in the plans the Contractor had no way to know they would be required to stabilize the foundation.

The Contractor has provided a price for the foundation stabilization. Santa Fe County Project Staff and the Consultant Engineer have reviewed this price and find it acceptable.

You are directed to make the following changes in this Contract: (Provide a detailed description of the Scope of the Work.)

The project will require the stabilization of the foundation prior to placing the concrete footings for the Concrete Box Culvert. This will require excavating 18" below the foundation and installing 18" of rock in order to place the footings on a stable foundation.

NOT VALID UNTIL SIGNED BY BOTH THE COUNTY AND THE ARCHITECT/ENGINEER.
Signature of the Contractor indicates agreement herewith, including any adjustment in the Contract Sum or Contract Time.

The Original Contract Sum:	\$816,404.00
Net change by previously authorized Change Orders:	\$0.00
The Contract Sum prior to this Change Order:	\$816,404.00
Contract Sum will be increased/decreased/unchanged by this Change Order in the amount of:	\$80,556.92
The new contract Sum including this Change Order:	\$896,960.92
The Contract Time will be increased/decreased/unchanged by <u>11</u> days.	
The date of Substantial Completion as of the date of this Change Order is:	

CHANGE ORDER SIGNATURE PAGE

APPROVED

SANTA FE COUNTY

By: 
Katherine Miller
Santa Fe County Manager

Approved as to form:

By: 
R. Bruce Frederick
Santa Fe County Attorney

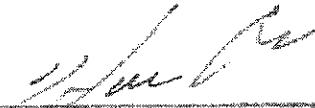
Date: 3/8/18

Finance Department:


By: 
Stephanie Schardin Clarke
Finance Director

Date: 3/8/18

CONTRACTOR

By: 
Title: president

Date: 3/14/18

ARCHITECT/ENGINEER By: 
Title: Project Manager

Date: 3/14/18

H.O. CONSTRUCTION, INC

PO BOX 9468

ALBUQUERQUE, NM 871119

PHONE: 505-873-0554

Estimate

Date	Estimate #
02/06/2018	2018-9

Name / Address
Engineering Associate Santa Fe County Public Works

Project					
County Road 54 Los Pinos Road					
Item	Description	Qty	Rate	Unit	Total
	CHANGE ORDER (STABILIZATION FOR SUBGRADE ON CULVER AND WING WALLS)				
1	DIRT REMOVAL AND EXCAVATION	290	28.00	CY	8,120.00T
2	50'X50' STABILIZATION BASE UNDER BOX CULVERT 4" TO 8" CRUSHED ROCK 1' DEEP	193.46	45.00	TON	8,705.70T
3	4" TO 8" CRUSHED ROCK DELIVERY	193.46	8.00	TON	1,547.68T
4	WING WALLS STABILIZATION SUB BASE UNDER WING WALLS WITH 4" TO 8" BASALT CRUSHED ROCK	10.21	45.00	TON	459.45T
5	4" TO 8" BASALT CRUSHED ROCK DELIVERY	10.21	8.00	TON	81.68T
6	50' X 50' STABILIZATION SUB BASE UNDER BOX CULVERT WITH 1-1/2" BASALT CRUSHED ROCK 6" DEEP	97	43.00	TON	4,171.00T
7	1-1/2" BASALT CRUSHED ROCK DELIVERY	97	8.00	TON	776.00T
8	50' X 50' STABILIZATION SUB BASE UNDER WING WALLS WITH 1-1/2" BASALT CRUSHED ROCK 6" DEEP	77	43.00	TON	3,311.00T
9	1-1/2" BASALT CRUSHED ROCK DELIVERY	77	8.00	TON	616.00T
10.	WOOD FORMS TO STAY IN PLACE WITH STEAKS (120 STKS)	630	2.82	SF	1,776.60T
11.	TRAFFIC CONTROL MANAGEMENT	10	50.00	DAY	500.00T
Signature			Subtotal		
			Sales Tax (7.125%)		
			Total		

Phone #	Fax #
505-873-0554	505-452-0844

H.O. CONSTRUCTION, INC

PO BOX 9468

ALBUQUERQUE, NM 871119

PHONE: 505-873-0554

Estimate

Date	Estimate #
02/06/2018	2018-9

Name / Address
Engineering Associate Santa Fe County Public Works

Project					
County Road 54 Los Pinos Road					
Item	Description	Qty	Rate	Unit	Total
12	LABOR	8	1,150.00	DAY	9,200.00T
13	EQUIPMENT	8	1,250.00	DAY	10,000.00T
14	FUEL	8	200.00	DAY	1,600.00T
15	VIS QUEEN 6 MIL	1	600.00	LS	600.00T
16	MAINTAIN WATER LEVEL FOR FOOTINGS 2 PUMPS-2", 1 PUMP 3" AND 1 PUMP 4" INCLUDES HOSE AND PIPE	1	8,800.00	LS	8,800.00T
17	LABOR	10	1,150.00	DAY	11,500.00T
18	FUEL	10	150.00	DAY	1,500.00T
19.	OVER HEAD	1	7,291.81	LS	7,291.81T
20.	14 DAY CALENDAR DAYS	14	0.00	DAY	0.00T
Signature _____			Subtotal 380,556.92		
			Sales Tax (7.125%) 55,739.68		
			Total 586,296.60		

Phone #	Fax #
505-873-0554	505-452-0844



SANTA FE COUNTY
SANTA FE, NEW MEXICO

PURCHASE
ORDER

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

PAGE: 1
P.O. NO.: 182067
DATE: 09/14/17

CHANGE #: 1

DATE CHG: 03/15/18

TO: HO CONSTRUCTION INC
PO BOX 9468
ALBUQUERQUE, NM 87119

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		NOTES									
20219		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					
06/30/18						NET					
CONFIRM BY			CONFIRM TO			REQUISITIONED BY					
ORTIZ, HORACIO			MARTINEZ, MARICELA								
FREIGHT		CONTRACT NO.		ACCOUNT NO.		PROJECT		REQ NO		REQ DATE	
				SEE BELOW							
LINE NO.	QUANTITY	UOM	ITEM NO. AND DESCRIPTION				UNIT COST	EXTENDED COST			
1	816404.00	EA	***** * * CHANGE ORDER * ***** SHANNON VIGIL IS REQUESTING- CONSTRUCTION SERVICES FOR CR54 LOS PINOS ALL WEATHER STRUCTURE AT ARROYO DE LOS CHAMISOS REBID OF PROCUREMENT 2017-0149-PW/MM NEW IFB NO. 2018-0006-PW/MM.				1.0000	816404.00			
2	19911.28	EA	NMGRT 7.00%				1.0000	19911.28			
3	37237.00	EA	NMGRT 7.00%				1.0000	37237.00			
4	80556.92	EA	CHANGE ORDER NO. 1				1.0000	80556.92			
5	5739.60	EA	TAX ON CHANGE ORDER NO. 1				1.0000	5739.60			
							SUB-TOTAL	959848.80			
							TOTAL	959848.80			
REMARKS: 09/14/17-PURSUANT TO SANTA FE COUNTY AGREEMENT NO 2018-0006-PW/MM EXPIRES: 120 WORKING DAYS AFTER NOTICE TO PROCEED, AGREEMENT APPROVED BY BCC ON 09/12/17 AND AUTHORIZING COUNTY MANAGER TO SIGN											

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

AUTHORIZED SIGNATURE & TITLE

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



**SANTA FE COUNTY
SANTA FE, NEW MEXICO**

**PURCHASE
ORDER**

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

PAGE: 2
P.O. NO.: 182067

DATE: 09/14/17

CHANGE #: 1
DATE CHG: 03/15/18

TO: HO CONSTRUCTION INC
PO BOX 9468
ALBUQUERQUE, NM 87119

SHIP TO/
INVOICE TO:

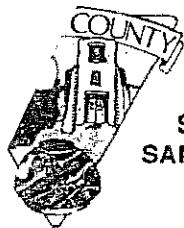
Santa Fe County
PROJECT DELIVERY/PW
SANTA FE COUNTY
901 W. ALAMEDA, STE 20-C
SANTA FE, NM 87501

VENDOR NO.		NOTES									
20219		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					
06/30/18						NET					
CONFIRM BY			CONFIRM TO			REQUISITIONED BY					
ORTIZ, HORACIO			MARTINEZ, MARICELA								
FREIGHT		CONTRACT NO.		ACCOUNT NO.		PROJECT		REQ. NO.		REQ. DATE	
				SEE BELOW							
LINE NO.	QUANTITY	UOM	ITEM NO. AND DESCRIPTION				UNIT COST	EXTENDED COST			
			***** * * CHANGE ORDER * * *****								
PURCHASE ORDERS, MM. 03/15/18- ADDED LINES 4 & 5 FOR CHANGE ORDER NO. 1 TO SANTA FE COUNTY AGREEMENT NO. 2018-0006-PW/MM EXPIRES: UPON COMPLETION NO LATER THAN 131 DAYS FROM NOTICE TO PROCEED, MM.											
REQ/ACCT		DATE		REQ. BY		PROJECT		AMOUNT			
0000180110		07/06/17		LGRIEGO				922611.80			
35261674538010											
0000180110		07/06/17		LGRIEGO				37237.00			
35161674538010											

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

[Signature]
DEPUTY COUNTY MANAGER
AUTHORIZED SIGNATURE & TITLE

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



SANTA FE COUNTY
SANTA FE, NEW MEXICO

PURCHASE
ORDER

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

PAGE: 1
P.O. NO.: 182067
DATE: 09/14/17

TO: HO CONSTRUCTION INC
PO BOX 9468
ALBUQUERQUE, NM 87119

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.		NOTES			
20219		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		
06/30/18			NET		
CONFIRM BY		CONFIRM TO			
ORTIZ, HORACIO		MARTINEZ, MARICELA			
FREIGHT	CONTRACT NO.	ACCOUNT NO.	PROJECT		
		SEE BELOW			
REQ. NO.	REQ. DATE				
LINE NO.	QUANTITY	UOM	ITEM NO. AND DESCRIPTION	UNIT COST	EXTENDED COST

1	816404.00	EA	SHANNON VIGIL IS REQUESTING- CONSTRUCTION SERVICES FOR CR54 LOS PINOS ALL WEATHER STRUCTURE AT ARROYO DE LOS CHAMISOS REBID OF PROCUREMENT 2017-0149-PW/MM NEW IFB NO. 2018-0006-PW/MM. APPROVED	1.0000	816404.00
2	19911.28	EA	NMGRT 7.00%	1.0000	19911.28
3	37237.00	EA	NMGRT 7.00%	1.0000	37237.00
4	80,556.92	CO#1			
5	5739.68	Tax @ 7.125%			
				SUB-TOTAL	873552.28
				TOTAL	873552.28

REMARKS:
09/14/17-PURSUANT TO SANTA FE COUNTY AGREEMENT NO
2018-0006-PW/MM EXPIRES: 120 WORKING DAYS AFTER
NOTICE TO PROCEED, AGREEMENT APPROVED BY BCC ON
09/12/17 AND AUTHORIZING COUNTY MANAGER TO SIGN
PURCHASE ORDERS, MM.

REQ/ACCT	DATE	REQ. BY	PROJECT	AMOUNT
0000180110	07/06/17	LGRIEGO		836315.28
35261674538010				
0000180110	07/06/17	LGRIEGO		37237.00
35161674538010				

Please increase the PO by \$86,296.00 Thank you

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

Katherine N...
AUTHORIZED SIGNATURE & TITLE

For Change order
No.

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

M. Nts...



EXHIBIT I **CHANGE ORDER**

PROJECT: CR 54 (Los Pinos Road) Drainage and Road Improvements / 2018-0006-PW/MM

CONTRACTOR: H. O. Construction, Inc.

CHANGE ORDER NO: 14

ARCHITECT/ENGINEER: Bohannon Huston, Inc.

PROJECT NO: 2018-0006-PW/MM

Contractor Telephone: 505-873-0554

Contractor e-mail:

ENGINEER'S/ARCHITECT'S PROJECT NO:

CHANGE ORDER JUSTIFICATION (Provide definitive reason for proposed change order.)

The Engineer explains in the attached response letter that while the Contractor was excavating for the foundation of the (CBC) it was discovered the water table is at the same elevation as the foundation. The plans never identified the elevation of water table nor did they include any line items associated with foundation stabilization. It is necessary to stabilize the foundation prior to placing the concrete footings for the CBC. This will require excavating 18" below the foundation and installing 18" of rock in order to place the footings on a stable foundation.

While researching the design of the CBC the current Project Staff located a Geotechnical report from 2013. This Geotechnical report identified the water table at 9 feet below the road. For reasons unknown the construction plans for the CBC never addressed stabilizing the foundation. Since this work was not shown in the plans the Contractor had no way to know they would be required to stabilize the foundation.

The Contractor has provided a price for the foundation stabilization. Santa Fe County Project Staff and the Consultant Engineer have reviewed this price and find it acceptable.

You are directed to make the following changes in this Contract: (Provide a detailed description of the Scope of the Work.)

The project will require the stabilization of the foundation prior to placing the concrete footings for the Concrete Box Culvert. This will require excavating 18" below the foundation and installing 18" of rock in order to place the footings on a stable foundation.

NOT VALID UNTIL SIGNED BY BOTH THE COUNTY AND THE ARCHITECT/ENGINEER.
Signature of the Contractor indicates agreement herewith, including any adjustment in the Contract Sum or Contract Time.

The Original Contract Sum:	\$816,404.00
Net change by previously authorized Change Orders:	\$0.00
The Contract Sum prior to this Change Order:	\$816,404.00
Contract Sum will be increased/decreased/unchanged by this Change Order in the amount of:	\$80,556.92
The new contract Sum including this Change Order:	\$896,960.92
The Contract Time will be increased/decreased/unchanged by <u>11</u> days.	
The date of Substantial Completion as of the date of this Change Order is:	

CHANGE ORDER SIGNATURE PAGE

APPROVED

SANTA FE COUNTY

By: 
Katherine Miller
Santa Fe County Manager

Approved as to form:

By: 
R. Bruce Frederick
Santa Fe County Attorney

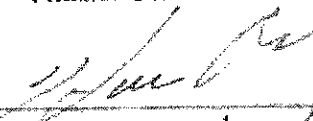
Date: 3/8/18

Finance Department:

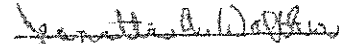
By: 
Stephanie Schardin Clarke
Finance Director

Date: 3/8/18

CONTRACTOR

By: 
Title: president

Date: 3/14/18

ARCHITECT/ENGINEER By: 

Date: 3/14/18

Title: Project Manager

H.O. CONSTRUCTION, INC

PO BOX 9468

ALBUQUERQUE, NM 871119

PHONE: 505-873-0554

Estimate

Date	Estimate #
02/06/2018	2018-9

Name / Address
Engineering Associate Santa Fe County Public Works

Project					
County Road 54 Los Pinos Road					
Item	Description	Qty	Rate	Unit	Total
	CHANGE ORDER (STABILIZATION FOR SUBGRADE ON CULVER AND WING WALLS)				
1	DIRT REMOVAL AND EXCAVATION	290	28.00	CY	8,120.00T
2	50'X50' STABILIZATION BASE UNDER BOX CULVERT 4" TO 8" CRUSHED ROCK 1' DEEP	193.46	45.00	TON	8,705.70T
3	4" TO 8" CRUSHED ROCK DELIVERY	193.46	8.00	TON	1,547.68T
4	WING WALLS STABILIZATION SUB BASE UNDER WING WALLS WITH 4" TO 8" BASALT CRUSHED ROCK	10.21	45.00	TON	459.45T
5	4" TO 8" BASALT CRUSHED ROCK DELIVERY	10.21	8.00	TON	81.68T
6	50' X 50' STABILIZATION SUB BASE UNDER BOX CULVERT WITH 1-1/2" BASALT CRUSHED ROCK 6" DEEP	97	43.00	TON	4,171.00T
7	1-1/2" BASALT CRUSHED ROCK DELIVERY	97	8.00	TON	776.00T
8	50' X 50' STABILIZATION SUB BASE UNDER WING WALLS WITH 1-1/2" BASALT CRUSHED ROCK 6" DEEP	77	43.00	TON	3,311.00T
9	1-1/2" BASALT CRUSHED ROCK DELIVERY	77	8.00	TON	616.00T
10	WOOD FORMS TO STAY IN PLACE WITH STEAKS (120 STKS)	630	2.82	SF	1,776.60T
11	TRAFFIC CONTROL MANAGEMENT	10	50.00	DAY	500.00T
Signature			Subtotal		
			Sales Tax (7.125%)		
			Total		

Phone #	Fax #
505-873-0554	505-452-0844

H.O. CONSTRUCTION, INC

PO BOX 9468

ALBUQUERQUE, NM 871119

PHONE: 505-873-0554

Estimate

Date	Estimate #
02/06/2018	2018-9

Name / Address
Engineering Associate Santa Fe County Public Works

			Project		
			County Road 54 Los Pinos Road		
Item	Description	Qty	Rate	Unit	Total
12	LABOR	8	1,150.00	DAY	9,200.00T
13	EQUIPMENT	8	1,250.00	DAY	10,000.00T
14	FUEL	8	200.00	DAY	1,600.00T
15	VIS QUEEN 6 MIL	1	600.00	LS	600.00T
16	MAINTAIN WATER LEVEL FOR FOOTINGS 2 PUMPS-2", 1 PUMP 3" AND 1 PUMP 4" INCLUDES HOSE AND PIPE	1	8,800.00	LS	8,800.00T
17	LABOR	10	1,150.00	DAY	11,500.00T
18	FUEL	10	150.00	DAY	1,500.00T
19.	OVER HEAD	1	7,291.81	LS	7,291.81T
20.	14 DAY CALENDAR DAYS	14	0.00	DAY	0.00T
Signature _____			Subtotal	\$80,556.92	
			Sales Tax (7.125%)	\$5,739.68	
			Total	\$86,296.60	

Phone #	Fax #
505-873-0554	505-452-0844

Bohannon Huston

February 27, 2018

Courtyard I
7500 Jefferson St. NE
Albuquerque, NM
87109-4335

www.bhinc.com

voice: 505.823.1000
facsimile: 505.798.7988
toll free: 800.877.5332

Shannon Vigil, PE
Santa Fe County Public Works Department
PO Box 276
Santa Fe, NM 87504

Re: Los Pinos Rd (CR 54) Construction Issue Regarding Dewatering and Stabilization Under the Concrete Box Culvert (CBC)

Dear Shannon:

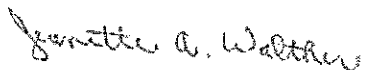
Recently, HO Construction submitted a Cost Proposal for stabilization of the subgrade under the CBC and wing walls for the Los Pinos Rd (CR 54) project. This stabilization includes dewatering the channel and replacing 18 inches of the subgrade under the box with clean gravel. The County has requested an explanation for why these items were not in the original construction drawings.

In November 2013, the geotechnical investigation performed by Geotest, Inc. for the project included three soil borings in the roadway to a depth of 6-10 feet. The geotechnical report showed that groundwater was encountered in the deepest boring at 9 feet. The report also showed the existing soils were considered suitable to support the box culvert. It was recommended the proposed structure be supported directly on densified native soils or on properly compacted structural fill. Based on the report, the native soils would be suitable for supporting the CBC. However, after excavation it was found the groundwater is flowing continuously such that the contractor is unable to dewater enough to compact the existing soil. This is an unknown condition that was unable to be predicted prior to construction. The contractor is proposing the clean gravel because it requires minimal compaction, and the ground water can flow through it similar to a French drain.

The original design of the project included pre-cast concrete box culverts in order to minimize closure of the roadway for construction. The NMDOT specification 511-F - Precast Concrete Box Culvert was included in the contract documents prepared by the County. This specification includes, "Equipment, materials, permits, and manpower for de-watering, shoring or rock excavation; and Bedding (Section 304) including installation and compaction." The original design overbid the County's budget, and the County asked BHI to redesign the CBC to be cast-in-place; when this was completed, this specification was taken out of the contract documents. When the specification was removed by the County, it should have been replaced by BHI with a bid item for Section 210 - Excavation and Backfill for Major Structures which would have accounted for similar construction methods.

If you have any questions, please feel free to contact me at (505) 823-1000.

Sincerely,



Jeanette A. Walther, PE
Senior Project Manager
Traffic & Transportation

JAW/le

cc: Matthew Santistevan, BHI
Kevin Murtagh, BHI

Engineering 

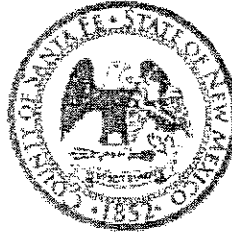
Spatial Data 

Advanced Technologies 

Henry Roybal
Commissioner, District 1

Anna Hanson
Commissioner, District 2

Robert A. Anaya
Commissioner, District 3



Anna Tricia Hamilton
Commissioner, District 4

Edward Moreno
Commissioner, District 5

Katherine Miller
County Manager

MEMORANDUM

DATE: March 5, 2018

TO: Bill Taylor, Procurement Manager

FROM: Shannon Vigil, Project Manager

CC: Diego Gomez, Project Engineer
Michael Kelley, Public Work Director

ITEM AND ISSUE: Change Order #1 for CR 54 Los Pinos AWC at Arroyo de los Chamisos

Santa Fe County Projects is requesting Change Order #1 for CR 54 Los Pinos Road AWC at Arroyo de los Chamisos for the amount of \$88,883.70. This will cover the stabilization of the foundation under the Concrete Box Culvert (CBC).

While the Contractor was excavating for the foundation of the (CBC) it was discovered the water table is at the same elevation as the foundation. The plans never identified the elevation of water table nor did they include any line items associated with foundation stabilization. It is necessary to stabilize the foundation prior to placing the concrete footings for the CBC. This will require excavating 18" below the foundation and installing 18" of rock in order to place the footings on a stable foundation.

While researching the design of the CBC the current Project Staff located a Geotechnical report from 2013. This Geotechnical report identified the water table at 9 feet below the road. For reasons unknown the construction plans for the CBC never addressed stabilizing the foundation. Since this work was not shown in the plans the Contractor had no way to know they would be required to stabilize the foundation.

The Contractor has provided a price for the foundation stabilization. Project Staff and the Consultant Engineer have reviewed this price and find it acceptable.

These additional costs will need to be included in the Santa Fe County Agreement No. 2018-0006-PW/MM with H. O. Construction, Inc. If you have any questions please feel free to contact me at 505-995-6516.




REDI-MIX CONCRETE SAND & GRAVEL LANDSCAPE ROCK
PHONE: (505) 877-5777 FAX: (505) 452-0806
www.QualityMattersHere.com
LOCALLY OWNED & OPERATED

CONTRACTOR:	H O Construction	DATE: 2/19/2018
ATTENTION:	Robert	JOB: Santa Fe Downs
PHONE:		
Fax:		
Email:	hconstruction@men.com	

UNIT	UNIT PRICE	DESCRIPTION
Ton	\$34.00	1 1/2" Crushed Basalt Delivered
Ton	\$45.00	2-4" Crushed Basalt Delivered
Ton	\$45.00	4-8" Crushed Basalt Delivered

Prices good through June 1, 2018
*Price based on 23 ton semi-trailer delivery
*Add \$4.50 for tandem delivery

Payment Terms:
* Payment terms are NET 10th
* Finance charges of 1.5% will be added on late payments
* Applicable Taxes will be added


Josh Barcia / Aggregate Sales Representative

Los Alamos change order for stabilizing sub grade water table

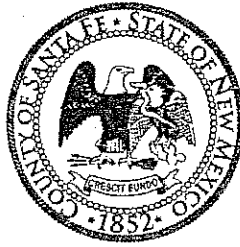
Santa Fe, N.M.

Item	Description	Qty	Rate	Unit	Total
1	DIRT REMOVAL AND EXCAVATION W/ HAULING	230	\$ 28.00	CY	\$ 6,440.00
2	50'X50' STABILIZATION BASE UNDER BOX CULVERT W/ 4" TO 8" BASALT ROCK 1 FOOT DEEP	193.46	\$ 45.00	TON	\$ 8,705.70
3	ROCK DELIVERY WITH BOBTAIL ONLY DUE TO DUMPING AND TURNING AREA AVAILABLE	193.46	\$ 4.50	TON	\$ 870.57
4	WING WALLS STABILIZATION BASE W/ 4" TO 8" BASALT ROCK 1 FOOT DEEP	15	\$ 45.00	TON	\$ 675.00
5	ROCK DELIVERY WITH BOBTAIL ONLY DUE TO DUMPING AND TURNING AREA AVAILABLE	15	\$ 4.50	TON	\$ 67.50
6	50'X50' STABILIZATION BASE UNDER BOX CULVERT W/ 1-1/2" BASALT ROCK 1/2 FOOT DEEP	97	\$ 45.00	TON	\$ 4,365.00
7	ROCK DELIVERY WITH BOBTAIL ONLY DUE TO DUMPING AND TURNING AREA AVAILABLE	97	\$ 4.50	TON	\$ 436.50
8	WING WALLS STABILIZATION BASE W/ 1-1/2" BASALT ROCK 1/2 FOOT DEEP	9	\$ 24.00	TON	\$ 216.00
9	ROCK DELIVERY WITH BOBTAIL ONLY DUE TO DUMPING AND TURNING AREA AVAILABLE	9	\$ 4.50	TON	\$ 40.50
10	WOOD FORMS AND STAKES TO STAY BURIED UNDER CONCRETE AND ROCK	630	\$ 2.82	SF	\$ 1,776.60
11	TRAFFIC CONTROL FOR FLAGGING AND SIGNS MOVEMENT	11	\$ 50.00	DA	\$ 550.00
12	LABOR WAGES 5 MEN BASE \$11.95 FRINGE \$5.55 BURDEN 20%	11	\$ 840.00	DA	\$ 9,240.00
12	OPERATOR WAGES 2 MEN BASE \$17.69 FRINGE \$6.33 BURDEN 20%	11	\$ 451.12	DA	\$ 4,962.32
13	FOREMAN IS SALARY	11	\$ 300.00	DA	\$ 3,300.00
14	RENTAL FROM ORTIZ RENTALS				
	4" SUMP PUMP W/ HOSES	1	\$ 2,200.00	MONTH	\$ 2,200.00
	3" SUMP PUMP W/ HOSES	1	\$ 1,500.00	MONTH	\$ 1,500.00
	2 EACH 2" SUMP PUMPS	2	\$ 1,150.00	MONTH	\$ 2,300.00
15	EXCAVATOR	11	\$ 850.00	DA	\$ 9,350.00
16	LOADER	11	\$ 850.00	DA	\$ 9,350.00
17	FUEL	11	\$ 200.00	DA	\$ 2,200.00
18	VISQUEEN BETWEEN FINAL ROCK AND CONCRETE	1	\$ 650.00	LS	\$ 650.00
19	SURVEY FOR SUB GRADE OF ROCK BED	1	\$ 300.00	LS	\$ 300.00
	11 WORKING DAYS	11	\$ -	DAYS	\$ -
	SUB TOTAL				\$ 71,857.19
	INSURANCE/BOND 3%				\$ 2,155.12
	OFFICE 2%				\$ 1,436.74
	SUB TOTAL				\$ 75,449.05
	PROFIT 10%				\$ 7,544.90
	TOTAL				\$ 82,993.95
	TAX (7%)				\$ 5,809.58
	TOTAL				\$ 88,779.99

Henry Roybal
Commissioner, District 1

Anna Hanson
Commissioner, District 2

Robert A. Anaya
Commissioner, District 3



Anna Tricia Hamilton
Commissioner, District 4


Edward Moreno
Commissioner, District 5

Katherine Miller
County Manager

MEMORANDUM

DATE: *March 5, 2018*

TO: *Bill Taylor, Procurement Manager*

FROM: *Shannon Vigil, Project Manager* 

CC: *Diego Gomez, Project Engineer*
Michael Kelley, Public Work Director

ITEM AND ISSUE: *Change Order #1 for CR 54 Los Pinos AWC at Arroyo de los Chamisos*

Santa Fe County Projects is requesting Change Order #1 for CR 54 Los Pinos Road AWC at Arroyo de los Chamisos for the amount of \$88,883.70. This will cover the stabilization of the foundation under the Concrete Box Culvert (CBC).

While the Contractor was excavating for the foundation of the (CBC) it was discovered the water table is at the same elevation as the foundation. The plans never identified the elevation of water table nor did they include any line items associated with foundation stabilization. It is necessary to stabilize the foundation prior to placing the concrete footings for the CBC. This will require excavating 18" below the foundation and installing 18" of rock in order to place the footings on a stable foundation.

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Bohannon Huston

Courtyard I
7500 Jefferson St. NE
Albuquerque, NM
87109-4335

www.bhinc.com

voice: 505.823.1000
facsimile: 505.798.7988
toll free: 800.877.5332

February 27, 2018

Shannon Vigil, PE
Santa Fe County Public Works Department
PO Box 276
Santa Fe, NM 87504

Re: Los Pinos Rd (CR 54) Construction Issue Regarding Dewatering and Stabilization Under the Concrete Box Culvert (CBC)

Dear Shannon:

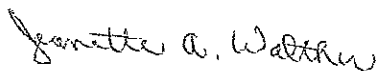
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In November 2013, the geotechnical investigation performed by Geotest, Inc. for the project included three soil borings in the roadway to a depth of 6-10 feet. The geotechnical report showed that groundwater was encountered in the deepest boring at 9 feet. The report also showed the existing soils were considered suitable to support the box culvert. It was recommended the proposed structure be supported directly on densified native soils or on properly compacted structural fill. Based on the report, the native soils would be suitable for supporting the CBC. However, after excavation it was found the groundwater is flowing continuously such that the contractor is unable to dewater enough to compact the existing soil. This is an unknown condition that was unable to be predicted prior to construction. The contractor is proposing the clean gravel because it requires minimal compaction, and the ground water can flow through it similar to a French drain.

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If you have any questions, please feel free to contact me at (505) 823-1000.

Sincerely,



Jeanette A. Walther, PE
Senior Project Manager
Traffic & Transportation

JAW/le

cc: Matthew Santistevan, BHI
Kevin Murtagh, BHI

Engineering ▲
Spatial Data ▲
Advanced Technologies ▲

H.O. CONSTRUCTION, INC

PO BOX 9468

ALBUQUERQUE, NM 871119

PHONE: 505-873-0554

Estimate

Date	Estimate #
02/06/2018	2018-9

Name / Address
Engineering Associate Santa Fe County Public Works

Project					
County Road 54 Los Pinos Road					
Item	Description	Qty	Rate	Unit	Total
12	LABOR	8	1,150.00	DAY	9,200.00T
13	EQUIPMENT	8	1,250.00	DAY	10,000.00T
14	FUEL	8	200.00	DAY	1,600.00T
15	VIS QUEEN 6 MIL	1	600.00	LS	600.00T
6	MAINTAIN WATER LEVEL FOR FOOTINGS 2 PUMPS-2", 1 PUMP 3" AND 1 PUMP 4" INCLUDES HOSE AND PIPE	1	8,800.00	LS	8,800.00T
17	LABOR	10	1,150.00	DAY	11,500.00T
18	FUEL	10	150.00	DAY	1,500.00T
19.	OVER HEAD	1	7,291.81	LS	7,291.81T
20.	14 DAY CALENDAR DAYS	14	0.00	DAY	0.00T
Signature _____			Subtotal \$80,556.92		
			Sales Tax (7.0%) \$5,638.98		
			Total \$86,195.90		

Phone #	Fax #
505-873-0554	505-452-0844

H.O. CONSTRUCTION, INC

PO BOX 9468

ALBUQUERQUE, NM 871119

PHONE: 505-873-0554

Estimate

Date	Estimate #
02/06/2018	2018-9

Name / Address
Engineering Associate Santa Fe County Public Works

		Project			
		County Road 54 Los Pinos Road			
Item	Description	Qty	Rate	Unit	Total
	CHANGE ORDER (STABILIZATION FOR SUBGRADE ON CULVER AND WING WALLS)				
1	DIRT REMOVAL AND EXCAVATION	290	28.00	CY	8,120.00T
2	50'X50' STABILIZATION BASE UNDER BOX CULVERT 4" TO 8" CRUSHED ROCK 1' DEEP	193.46	45.00	TON	8,705.70T
3	4" TO 8" CRUSHED ROCK DELIVERY	193.46	8.00	TON	1,547.68T
4	WING WALLS STABILIZATION SUB BASE UNDER WING WALLS WITH 4" TO 8" BASALT CRUSHED ROCK	10.21	45.00	TON	459.45T
5	4" TO 8" BASALT CRUSHED ROCK DELIVERY	10.21	8.00	TON	81.68T
6	50' X 50' STABILIZATION SUB BASE UNDER BOX CULVERT WITH 1-1/2" BASALT CRUSHED ROCK 6" DEEP	97	43.00	TON	4,171.00T
7	1-1/2" BASALT CRUSHED ROCK DELIVERY	97	8.00	TON	776.00T
8	50' X 50' STABILIZATION SUB BASE UNDERWING WALLS WITH 1-1/2" BASALT CRUSHED ROCK 6" DEEP	77	43.00	TON	3,311.00T
9	1-1/2" BASALT CRUSHED ROCK DELIVERY	77	8.00	TON	616.00T
10.	WOOD FORMS TO STAY IN PLACE WITH STEAKS (120 STKS)	630	2.82	SF	1,776.60T
11.	TRAFFIC CONTROL MANAGEMENT	10	50.00	DAY	500.00T
Signature			Subtotal		
			Sales Tax (7.0%)		
			Total		

Phone #	Fax #
505-873-0554	505-452-0844

ORTIZ RENT & SALES, INC.

700 RIO BRAVO SW

ALBUQUERQUE, NM 87105

Invoice

Date	Invoice #
2/21/2018	2018-127

Customer
H.O. CONSTRUCTION, INC. PO BOX 9468 ALBUQUERQUE, NM 87119

Hours on Meter	Fuel Type /Fuel Amount	Due Date	Pick Up /Return Time	PHONE #
None	Gas	2/21/2018		(505)873-0554
Item	Description	Qty	Rate	Amount
4" Trash Pump	4" Trash Pump with hoses		2,200.00	2,200.00T
3" Trash Pump	3" Trash Pump with hoses		1,500.00	1,500.00T
2" Trash Pump	2" Trash Pump with hoses included	2	1,150.00	2,300.00T
Project: Los Pinos Santa Fe				

Proposal	Subtotal	\$6,000.00
WE CHARGE FOR TIME OUT NOT TIME USED!	Sales Tax (0.0%)	\$0.00
Absolutely No Refunds!!!!	Total	\$6,000.00
	Balance Due	\$6,000.00

Phone #	Fax #	E-mail
505-452-0064	505-452-0844	hoconstruction@msn.com



BSNSantaFe@aol.com

138 - Bishop Camp - Suite B - Santa Fe, NM 87508-1110 • Tel: 505-473-7973 • Fax: 505-473-1079

*****QUOTE*****

Date: February 22nd, 2017

To: HO Construction

Ref: CR 54 – Los Pinos Road Drainage and Road Improvements/Santa Fe, NM/Santa Fe County

BSN Santa Fe is pleased to submit this quote for additional work

Description:

- Topo/Verification of Existing De-Watering Operation and Volume Calculations – Lump Sum \$800.00

Does not include:

- Grade Checking
- Traffic control and staking of haul roads, detours, construction signing, and ROW
- Layout of sediment and erosion control measures
- GRT (New Mexico Gross Receipt Tax)
- SWPPP work if any required, on this quote

No extra work will be performed without the direction from the Contractor. Negotiations by the Contractor with the Owner for authorization of payments will not be a basis for the Contractor to delay payment to BSN Santa Fe.

Replacement cost of stakes, on site standby, weekends, after hours and/or any additional work will be billed in accordance with our Standard Rate Chart. Payment will be due within fifteen (15) days from receipt of invoice.

Fed Id: 42-1685863, DBE No.: 11-08-412, CRS-1 No.: 03-056561-00-B, D&B No.: 03-776-2267, Cage Code: 1Q0A0, Professional Engineering License No.(s): 23674 and 5694, ACNM TTCP License No.: 222302, NMED: DM130-12, NMWFS: 1-739920141222 and City of Santa Fe: 16-00110638.

We are proud to announce that we are the winning recipient of the 2016 Associated General Contractors of America Best Building and Best Public Utility Award for our line of work, in the State of New Mexico.

Sincerely,

Kevin D. Fernandez – Operations Analyst/SWPP Supervisor
A DBE Company



REDI-MIX CONCRETE SAND & GRAVEL LANDSCAPE ROCK
PHONE: (505) 877-5777 FAX: (505) 452-0806
www.QualityMattersHere.com
LOCALLY OWNED & OPERATED

CONTRACTOR:	H O Construction	DATE: 2/19/2018
ATTENTION:	Robert	JOB: Santa Fe Downs
PHONE:		
Fax:		
Email:	hoconstruction@msn.com	

UNIT	UNIT PRICE	DESCRIPTION
Ton	\$34.00	1 1/2" Crushed Basalt Delivered
Ton	\$45.00	2-4" Crushed Basalt Delivered
Ton	\$45.00	4-8" Crushed Basalt Delivered

Prices good through June 1, 2018 *Price based on 23 ton semi-trailer delivery *Add \$4.50 for tandem delivery

Payment Terms: * Payment terms are NET 10th * Finance charges of 1.5% will be added on late payments * Applicable Taxes will be added
--

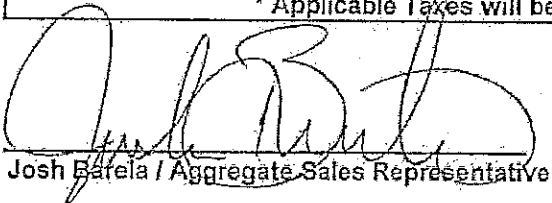

Josh Barela / Aggregate Sales Representative

EXHIBIT H

NOTICE TO PROCEED

TO: H. O. Construction, Inc

DATE: March 5, 2018

PROJECT: 2018-0006-PW/MM

ATTN: Horacio Ortiz

PROJECT NO.

CONTRACT NO.

IFB NO.

Enclosed is your copy of the Contract, which has been approved. Please consider this letter as official NOTICE TO PROCEED on the above-referenced project.

Your firm shall commence work within ten (10) calendar days of the above date, unless modified by Change Order.

It is essential that you make reference to the above-stated project number on all documents sent to the Architect/Engineer from your office. These documents shall include correspondence, change order proposals, change orders, payment request statements, and all other project-related material which you forward to the Architect/Engineer for information and processing.

Also, before you may start any Work at the site, you must (add any other requirements):

OWNER:

Santa Fe County

SFC PUBLIC WORKS/PROJECTS DEPARTMENT

By: Shannon Vigil

Project Manger II

EXHIBIT I

CHANGE ORDER

PROJECT: CR 54 (Los Pinos Road) Drainage and Road Improvements / 2018-0006-PW/MM

CONTRACTOR: H. O. Construction, Inc.
CHANGE ORDER NO: 1

ARCHITECT/ENGINEER: Bohannon Huston, Inc.

PROJECT NO: 2018-0006-PW/MM

Contractor Telephone: 505-873-0554
Contractor e-mail:
ENGINEER'S/ARCHITECT'S PROJECT NO:

CHANGE ORDER JUSTIFICATION (Provide definitive reason for proposed change order.)

The Engineer explains in the attached response letter that while the Contractor was excavating for the foundation of the (CBC) it was discovered the water table is at the same elevation as the foundation. The plans never identified the elevation of water table nor did they include any line items associated with foundation stabilization. It is necessary to stabilize the foundation prior to placing the concrete footings for the CBC. This will require excavating 18" below the foundation and installing 18" of rock in order to place the footings on a stable foundation.

While researching the design of the CBC the current Project Staff located a Geotechnical report from 2013. This Geotechnical report identified the water table at 9 feet below the road. For reasons unknown the construction plans for the CBC never addressed stabilizing the foundation. Since this work was not shown in the plans the Contractor had no way to know they would be required to stabilize the foundation.

The Contractor has provided a price for the foundation stabilization. Santa Fe County Project Staff and the Consultant Engineer have reviewed this price and find it acceptable.

You are directed to make the following changes in this Contract: (Provide a detailed description of the Scope of the Work.)

The project will require the stabilization of the foundation prior to placing the concrete footings for the Concrete Box Culvert. This will require excavating 18" below the foundation and installing 18" of rock in order to place the footings on a stable foundation.

EXHIBIT J

CERTIFICATE OF SUBSTANTIAL COMPLETION

SANTA FE COUNTY – **(INSERT DEPARTMENT)**

Public Works Director or designee (name): _____

CONTRACTOR: _____

Contractor Purchase Order Number: _____

ARCHITECT/ENGINEER: _____

Project Name: _____

Contract Date: _____

Project Description - Article 2 to Agreement Between Santa Fe County and Contractor (include address and project location description):

The contractor hereby certifies the Work of this project to be in complete conformance to the Contract Documents and is substantially complete, enabling the County to make use of the Work as intended.

By its signature below the Contractor further requests Architect/Engineer and County to inspect the Work and to concur in the Work's substantial completion by their signature and/or to provide in a timely manner to Contractor a listing of work items adjudged by them as remaining to be completed or corrected. Contractor agrees to complete and correct all work items (Punch List) representative of such listing within ____ days from date of receipt from Architect/Engineer.

Contractor

Signature

Print Name

Date

APPLICATION TO COMBINE EXISTING PERMITS FOR THE USE OF
UNDERGROUND WATERS

File No. RG-41225 et al

Application Received December 16, 1994

1. Name of Applicant: Pojoaque School Board of Education
P.O. Box 3468, Pojoaque Station
Santa Fe, New Mexico 87501-0468

2. Source of water supply is the shallow water aquifer, located in the Rio Grande
Underground Water Basin.

3. Applicant is owner of the following permits and well numbers:

A. RG-48290 et al. allows a diversion up to 17.1 acre-feet of water per year,
with the consumptive use not to exceed 8.55 acre-feet per year. RG-48291 et al.
allows a diversion of up to 9.4 acre-feet per year, with the consumptive use not
to exceed 4.70 acre-feet per year.

Wells RG-48290 & RG-48291 are located in the SE1/4, NE1/4, SW1/4
of Section 14, T19N, R8E, NMPM. The place of use is within said
Section 14.

B. RG-42923 into RG-33765 allows a diversion up to 3.0 acre-feet per year, with
the consumptive use not to exceed 1.63 acre-feet per year in addition to the
consumptive use associated with the diversion of 3.0 acre-feet per year under
72-12-1 permit RG-33765.

Well RG-33765 located in the NW1/4, NE1/4, SE1/4 of Section 7,
T19N, R9E, NMPM. The place of use is within said Section 7.

C. RG-42923 allows a diversion up to 12.85 acre-feet of water per year, with the
consumptive use not to exceed 6.97 acre-feet per year.

Well RG-42923 is located in the SE1/4, NW1/4, NE1/4 of Section 7, T19N,
R9E, NMPM. The place of use is within said Section 7.

D. RG-41225 et al. allows a diversion up to 22.05 acre-feet per year, with the
consumptive use not to exceed 7.65 acre-feet per year.

Well RG-41225 is located in the SE1/4, SW1/4, NE1/4 of Section 7, T19N,
R9E, NMPM; and Wells RG-41225-S and RG-41225-S-2 are located in
the NE1/4, NW1/4, SE1/4 of said Section 7. The place of use is within
said Section 7.

Water under the above permits is used for school uses, irrigation of recreation fields,
landscape irrigation and school related uses. The total diversion under all permits is up
to 64.4 acre-feet per year (with approval of a return flow plan), with the total
consumptive use not to exceed 29.5 acre-feet per year.

4. Application is hereby made to combine the water rights from the four above listed
permits, such that the total diversion from well Nos. RG-48290, RG-48291, RG-33765,
RG-42923, RG-41225, RG-41225-S, and RG-41225-S-2, under this combined permit,
shall not exceed 64.4 acre-feet per year, and the total consumptive use from all wells
under this combined permit shall not exceed 29.5 acre-feet per year.

Water under this combined permit will be used for school uses, irrigation of recreation
fields, landscape irrigation and school related uses.

S/25/95
DRE
RG-42923

STATE ENGINEER
ALBUQUERQUE, N.M.
08
01/18/95

I, ARI BLTA RG-41225 et al being first duly sworn upon my oath,
do depose and say that I have carefully read the foregoing statement and each and all of the items contained therein, and that the same are true to the best
of my knowledge and belief.

Pojoaque School Board of Education applicant

Subscribed and sworn to before me this 15th day of December 19 94
My commission expires 10/17/97 Carmen E. Lujan
Notary Public

APPROVAL OF STATE ENGINEER

Number of this permit RG-41225 et al Date received corrected 2-24-95
Recorded in Book 2-24-95 Publication of notice of intent Santa Fe New Mexican
Page No. 12-16-94 Affidavit of publication filed 3-31-95
Application received 1-25-96 Date of approval 1-25-96

This application is approved provided it is not exercised to the detriment of any others having prior valid and existing rights to the use of said surface
and underground water sources or to the detriment of any rights acquired prior to this application; further provided that all rules and regulations of the
State Engineer pertaining to the drilling of wells be complied with.

further that it is not exercised contrary to the public welfare
of the state or contrary to the conservation of water within the
state and subject to the attached conditions of approval.

SEE ATTACHED CONDITIONS OF APPROVAL

Proof of completion of works shall be filed on or before August 15 19 96
Proof of application of water to beneficial use shall be filed on or before 19
This is to certify that I have examined the above application for permit to change point of diversion and place and/or purpose of use and hereby approve
the same subject to the foregoing provisions and conditions.

Witness my hand and seal this 25 day of January 19 96

Thomas C. Turney

by: Calvin Chavez
Assistant Chief
Water Rights Division

CONDITIONS OF APPROVAL

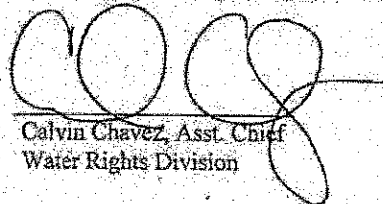
APPLICANT: POJOAQUE BOARD OF EDUCATION
DATE: JANUARY 25, 1996

1. For administrative purposes the wells under this permit shall be renumbered as follows:

<u>OLD WELL NO.</u>	<u>NEW WELL NO.</u>
RG-41225	RG-41225
RG-41225-S	RG-41225-S
RG-41225-S-2	RG-41225-S-2
RG-33765	RG-41225-S-3
RG-42923	RG-41225-S-4
RG-48290	RG-41225-S-5
RG-48291	RG-41225-S-6

2. The total diversion of water from Wells No. RG-41225, RG-41225-S, RG-41225-S-2, RG-41225-S-3, RG-41225-S-4, RG-41225-S-5, RG-41225-S-6 shall be limited to a consumptive use of 29.5 acre-feet per annum, except that the diversion may be increased to 45.3 acre-feet per annum as demonstrated in the Return Flow Reports submitted on October 20, 1994 and accepted by the State Engineer on January 25, 1996.
3. Wells No. RG-41225, RG-41225-S, RG-41225-S-2, RG-41225-S-3, RG-41225-S-4, RG-41225-S-5, and RG-41225-S-6 shall each be equipped with totalizing meters of a type and at locations approved by and installed in a manner acceptable to the State Engineer.
4. Records of the amount of water diverted from Wells No. RG-41225, RG-41225-S, RG-41225-S-2, RG-41225-S-3, RG-41225-S-4, RG-41225-S-5, RG-41225-S-6 shall be submitted to the District 1 Office of the State Engineer, in writing, on or before the 10th day of each month for the preceding calendar month.
5. The State Engineer retains jurisdiction to ensure that conditions do not change that result in diminished return flow as reported to the State Engineer on October 20, 1994, and accepted by the State Engineer on January 25, 1996. In the event that conditions change resulting in less return flows, the state engineer will decrease the quantity of diversion allowed under this permit. If return flows change resulting in an increase of such flows, the Pojoaque Valley Schools may capture that credit by submittal to the State Engineer of an Application to Adjust Diversion accompanied by Return Flow Report.
6. Proof of Application of Water to Beneficial Use shall be submitted to the State Engineer on or before August 15, 1996.

Dated this 25th day of January, 1996.


Calvin Chavez, Asst. Chief
Water Rights Division

