

**ADDENDUM NO. 1
TO
CONTRACT DOCUMENTS**

FOR

2020 CARSON RIVER BANK STABILIZATION PROJECTS

FOR

CARSON VALLEY CONSERVATION DISTRICT

PWP-DO--2020-XXX

October 28, 2020

*THE BIDDER SHALL EXECUTE THE CERTIFICATION WITHIN THE BID FORM
ACKNOWLEDGING RECEIPT OF THE ADDENDUM.*

Pre-Bid Conference Sign-In Form:

Pre-Bid conference sign-in form is attached as Exhibit A.

Plan Holder List

The current plan holder list as of the date of this addendum is attached as Exhibit B. Please note that this list may not include plan holders that did not directly contact R.O. Anderson Engineering, Inc. for bid documents.

Points of Clarification:

- The deadline to submit the bids from prospective contractors has been extended to 2:00:00 pm on November 6, 2020.
- Due to the complexity and legality involved with electronic submission of bids, at this time, the Owner and Engineer do not accept electronic submittals of the bids.
- Because the pre-bid meeting has already taken place on October 26, 2020, the Engineer will not be conducting another pre-bid meeting. However, if any of the prospective contractors would like to visit the project site, the Engineer will make every effort to accommodate such request. The Engineer is willing to do site visit between 2-4 pm on Wednesday, November 4, 2020. The Engineer requires the contractors to notify their intent to see the project sites no later than close of business on Tuesday, November 3, 2020.
- Aerial images obtained through Drone surveys covering portions of the project site are uploaded to R.O. Anderson Engineering ShareFile portal located at the following location: <https://roanderson.sharefile.com/d-s17ba8a0bd324f1ea> . Furthermore,

revised contract documents, including this Addendum are also posted on this ShareFile portal. If you have trouble accessing the ShareFile portal, please e-mail the Engineer at sgorla@roanderson.com.

- The project anticipated commence date is approximate and may change slightly depending on the circumstances beyond the control of the Owner. The Owner recognizes that the weather conditions may not permit uninterrupted work days, and therefore will be flexible with the days required to substantially complete the work.

Improvement Plans:

There were numerous changes to the improvement plan sheets to reflect condensed project list from a total of ten project location to four primary project locations, which will be part of base bid and another project location, which will be a part of Bid Alternate 'A'. Considering these major changes, the Engineer re-issued the improvement plans and the prospective bidders shall obtain revised set of improvement plans from the sources listed in the revised project manual. The contractors that have already paid for the bid documents will receive revised bid documents at no additional charge by contacting the Engineer's office at 775-782-2322.

Project Manual:

As mentioned above, because the number of project locations were reduced from a total of ten locations to four primary locations, portions of project manual were modified. The following pages of the project manual should be replaced with the attached revised pages.

- Division 1 - Advertisement for Bids (AB Pages 1-3)
- Division 2 – Instructions to Bidders (Page 5 of 11, Page 9 of 11)
- Division 3 – Bid Form, Basis of Bid. Replace Article 5 – Basis of Bid, containing a total of 5 pages (Page 5-9) with the attached revised Article 5 – Basis of Bid.
- Division 4 – Agreement. Replace Page 1 of 8 with the attached revised page.
- Division 9 – Construction Specifications. Replace Section 010205 in entirety with the attached revised pages.

Prepared By:
R.O. ANDERSON ENGINEERING, INC.
1603 Esmeralda Avenue
P.O. Box 2229
Minden, Nevada 89423



Oct 28, 2020

Carson Valley Conservation District: 2020 Carson River Bank Stabilization Projects
October 26, 2020
PRE-BID MEETING

No.	Company	Contact Person & Email	Address	Phone
1	MKD Const. Inc.	MKD2@att.net Michael Groek	Mound House NV 20 Stokes Dr 89706	775-246-1900
2	SPANISH SPRINGS CONST	TONYESSC.EMAIL Tony Arino	SPARKS, NV 89439 2660 E GATE ST	775-233-0806
3	Burdick Excavations	LINDA BURDICK LBURDICK@BurdickExc.com	PO Box 22380 Carson City, NV 89707	775-291-4566
4	"	Ralph Kellogg rkellogg@burdickexc.com	" "	" "
5	SPANISH SPRINGS	Ken Brown KENCESSC.MAIL.US	2060 EAST GATE ST SPARKS NV 89439	775-232-9359
6	COONS CONST.	DANNY COONS DANNY@COONS.BIZ	13 AFFONSO DR MOUND HOUSE 89706	775-721-8822
7	Impact Const.	Zack Deane Juan Ferrandez Infact.08@att.net Att Zack Deane	1665 Toler Ave Carsonville NV 89410	775-721-5006
8	Coons Construction	Ryan Coons ryan@coons.biz	13 AFFONSO DR SUITE B MOUNDHOUSE NV 89706	775-297-1708
9	Rain For Rent	Jason Whitney Jwhitney@rainforrent.com	1230 Wendole Ave SPARKS, NV 89431	775-385-5654
10	Gleave Const.	John Gleave JCGleave123@gmail.com	2850 Romero Dr Minden, NV	775-690-6745
11	TOM KEEFRAVER CASHMAN PUMP SOLUTIONS	TOM KEEFRAVER TOMKEEFRAVER@CASHMANEQUIPMENT.COM	600 GLENDALE AVE SPARKS NV 89431	775-399-2773
12	Aspen Developers	Kurt Matzoll Kurt@Aspendevs.com	2340 East 8th Street Reno, NV	775-560-6940

EXHIBIT B

**CARSON VALLEY CONSERVATION DISTRICT
2020 Carson River Bank Stabilization Projects
PLAN HOLDERS LIST**

1702-003

	COMPANY	CONTACT / EMAIL	ADDRESS	PHONE/ FAX	Add.
1	Carson Valley Conservation District	Rich Wilkinson richard.wilkinson@nv.nacdn.net	1702 Country Road, Suite A Minden, NV 89423	775.782.3661x102	
2	R.O. Anderson Engineering, Inc.	Shaker Gorla, P.E., CFM sgorla@roanderson.com	P.O. Box 2229 Minden, NV 89423	775.782.2322 775.782.7084	
3	Sierra Contractor's Source	Jana Higgins jana@scsplanroom.com	860 Maestro Drive Reno, NV 89511	775.329.7222	
Online	Aspen Developers	Mike Mike@aspensdevs.com		775.770.4507	
Online	Crockett Enterprises	Bill Gooker crockettent@gmail.com		775-782-7640	Paid for Docs
Online	Coons Construction	Danny Coons Kelly Coons	Danny@coons.biz	775-246-1660	
Online	Z7 Development	Walt Lee		775-315-0808	
Online	Rapid Construction	rapidconstr@aol.com	3042 Research Way Carson City, NV 89702	775-883-4269	
Online	MKD Construction Inc	Mike Grock Mkd2@att.net	20 Stokes Dr Moundhouse, NV	775-246-1900	Paid for Docs
Online	Gleaves Construction	John Gleaves	2850 Romero Dr Minden, NV 89423	775-690-6745	

ADVERTISEMENT FOR BID

Carson Valley Conservation District: 2020 Carson River Bank Stabilization Projects

ARTICLE - RECEIPT OF BIDS

- 1.01 Separate and sealed bids for 2020 Carson River Bank Stabilization Projects will be received for Carson Valley Conservation District represented by Shaker Gorla, P.E., CFM, Engineer of Record.
- 1.02 Bids will be received at 1603 Esmeralda Avenue, Minden, Nevada 89423, Issuing Office, until **Friday, November 6, 2020 at 2:00:00 p.m.**, and shortly thereafter the bids will be opened publicly and read aloud. The apparent low bidder will be announced at the bid opening on **November 6, 2020**.
- 1.03 The Engineer will make a recommendation for award on **November 6, 2020**.
- 1.04 It is anticipated that the recommendation for award will be considered by the Owner at a regularly scheduled meeting of the Carson Valley Conservation District on **November 11, 2020**.
- A. Any bidder may appeal a pending bid award prior to award by Owner in accordance with Article 24 of the Instruction to Bidders within five (5) days after the bid opening which will be no later than **November 11, 2020**.

ARTICLE 2 – GENERAL DESCRIPTION OF WORK

- 2.01 The work includes, but is not necessarily limited to, construction of bank stabilization measures along the Carson River near Genoa, Nevada. Work includes de-watering of project site, river channel excavation and placement of soil along the failed banks, regrading of river banks, construction of rock refusal trenches, river bank armoring by placing specified rip-rap along the toe and slopes of newly graded river banks, installation of log veins or approved equals, etc. The Engineer's Estimate of Probable Construction Costs for the base bid is between \$250,000 - \$500,000.

ARTICLE 3 – TYPE OF BID

- 3.01 Stipulated lump sum price.
- 3.02 The Prevailing Wage Rate as established by the State Labor Commission shall be paid on projects with a contract price of \$100,000 or more.
- 3.03 NRS 338.147 provides for a 5 percent bidder preference to bidders who qualify for the preference. The requirements for the preference are detailed in the contract documents.

ARTICLE 4 – DOCUMENT EXAMINATION AND PROCUREMENTS

- 4.01 The Bidding and Contract Documents may be examined at the following locations:

- R.O. Anderson Engineering, Inc.
1603 Esmeralda Avenue
Minden, NV 89423
- SIERRA CONTRACTOR'S SOURCE
860 Maestro Drive
Reno, NV 89511
(775) 329-7222
- <http://www.roanderson.com/bid-documents/>
- <https://roanderson.sharefile.com/d-s17ba8a0bd324f1ea>

4.02 Copies of the Bidding and Contract Documents may be purchased from the Issuing Office which is as follows:

R.O. Anderson Engineering, Inc.
1603 Esmeralda Avenue
Minden, NV 89423
(775) 782.2322

4.03 The Cost of Bidding and Contract Documents is:

1. Each hard copy set of Bidding and Contract Documents with full size drawings: \$50.00

ARTICLE 5 – BID SECURITY

5.01 Each Bid shall be accompanied by bid security as described in the INSTRUCTIONS TO BIDDERS.

5.02 No proposal will be considered unless accompanied by a bid security in the form of a Certified or Cashier's Check, or Bid Bond, in an amount not less than ten percent (10%) of the base bid.

ARTICLE 6 – CONTRACT SECURITY

6.01 The successful BIDDER will be required to furnish Performance and Payment Bonds as described in the GENERAL CONDITIONS.

ARTICLE 7 – PREBID CONFERENCE

7.01 An optional pre-bid conference will be held as described in the INSTRUCTIONS TO BIDDERS at the Engineer's Office, located at 1603 Esmeralda Avenue in Minden, Nevada at **2:00pm on October 26, 2020**. The tour of the project site will leave from the Engineer's office at approximately 2:05 pm.

ARTICLE 8 – CONTRACT TIME

8.01 The Contract Time is defined GENERAL CONDITIONS and set forth in the AGREEMENT and Instruction to Bidders.

- A. The project is anticipated to commence to run on **November 16, 2020.**
- B. The work shall be substantially complete within **90 days** of when the contract times commence to run as provided in Paragraph 2.03 of the General Conditions.
- C. The work shall be complete within **14** days after issuance of Certificate of Substantial Completion.

ARTICLE 9 – QUALIFICATIONS OF BIDDERS

- 9.01 Requirements concerning the qualifications of BIDDERS are described in the INSTRUCTIONS TO BIDDERS.
- 9.02 Prospective Bidders shall be licensed Contractors in the State of Nevada, with a Class A license, shall be skilled and regularly engaged in the general class or type of work called for under the Contract and capable of being bonded for this project.

ARTICLE 10 – OWNER’S RIGHT TO REJECT BIDS

- 10.01 Carson Valley Conservation District reserves the right to waive any and all irregularities and to reject any or all bids.

CARSON VALLEY CONSERVATION DISTRICT

Date: 10-29-20


Rich Wilkinson
Grant Manager / River Coordinator

by Engineer as having received the Bidding Documents. Questions received less than one day prior to the date for opening of Bids may not be answered. Only questions answered by Addenda will be binding. Oral and other interpretations or clarifications will be without legal effect.

- 7.02 Addenda may be issued to clarify, correct, or change the Bidding Documents as deemed advisable by Owner or Engineer.

ARTICLE 8 – BID SECURITY

- 8.01 A Bid must be accompanied by Bid security made payable to Owner in an amount of 10% percent of Bidder's maximum Bid price and in the form of a certified check, bank money order, or a Bid bond (on the form attached) issued by a surety meeting the requirements of Paragraphs 5.01 and 5.02 of the General Conditions.
- 8.02 The Bid security of the Successful Bidder and the next two lowest and responsive bids will be retained until such Bidder has executed the Contract Documents, furnished the required contract security and met the other conditions of the Notice of Award, whereupon the Bid security will be returned. If the Successful Bidder fails to execute and deliver the Contract Documents and furnish the required contract security within 15 days after the Notice of Award, Owner may consider Bidder to be in default, annul the Notice of Award, and the Bid security of that Bidder will be forfeited. Such forfeiture shall be Owner's exclusive remedy if Bidder defaults. The Bid security of other Bidders whom Owner believes to have a reasonable chance of receiving the award may be retained by Owner until the earlier of seven days after the Effective Date of the Agreement or 61 days after the Bid opening, whereupon Bid security furnished by such Bidders will be returned.
- 8.03 Bid security of other Bidders whom Owner believes do not have a reasonable chance of receiving the award will be returned within seven days after the Bid opening.

ARTICLE 9 – CONTRACT TIMES

- 9.01 The number of days within which, or the dates the Work is to be substantially completed and ready for final payment are set forth in the Agreement.
- A. The project is anticipated to commence on **November 16, 2020.**
- B. The work shall be substantially complete within **90 days** of when the contract times commence to run as provided in Paragraph 2.03 of the General Conditions.
- C. The work shall be complete within **14 days** after issuance of Certificate of Substantial Completion.

by Engineer as having received the Bidding Documents. Questions received less than one day prior to the date for opening of Bids may not be answered. Only questions answered by Addenda will be binding. Oral and other interpretations or clarifications will be without legal effect.

- 7.02 Addenda may be issued to clarify, correct, or change the Bidding Documents as deemed advisable by Owner or Engineer.

ARTICLE 8 – BID SECURITY

- 8.01 A Bid must be accompanied by Bid security made payable to Owner in an amount of 10% percent of Bidder's maximum Base Bid price and in the form of a certified check, bank money order, or a Bid bond (on the form attached) issued by a surety meeting the requirements of Paragraphs 5.01 and 5.02 of the General Conditions.
- 8.02 The Bid security of the Successful Bidder and the next two lowest and responsive bids will be retained until such Bidder has executed the Contract Documents, furnished the required contract security and met the other conditions of the Notice of Award, whereupon the Bid security will be returned. If the Successful Bidder fails to execute and deliver the Contract Documents and furnish the required contract security within 15 days after the Notice of Award, Owner may consider Bidder to be in default, annul the Notice of Award, and the Bid security of that Bidder will be forfeited. Such forfeiture shall be Owner's exclusive remedy if Bidder defaults. The Bid security of other Bidders whom Owner believes to have a reasonable chance of receiving the award may be retained by Owner until the earlier of seven days after the Effective Date of the Agreement or 61 days after the Bid opening, whereupon Bid security furnished by such Bidders will be returned.
- 8.03 Bid security of other Bidders whom Owner believes do not have a reasonable chance of receiving the award will be returned within seven days after the Bid opening.

ARTICLE 9 – CONTRACT TIMES

- 9.01 The number of days within which, or the dates the Work is to be substantially completed and ready for final payment are set forth in the Agreement.
- A. The project is anticipated to commence on **November 16, 2020.**
 - B. The work shall be substantially complete within **90 days** of when the contract times commence to run as provided in Paragraph 2.03 of the General Conditions.
 - C. The work shall be complete within **14 days** after issuance of Certificate of Substantial Completion.

ARTICLE 5 – BASIS OF BID

5.01 Bidder will complete the Work in accordance with the Contract Documents. The unit costs will be used as a schedule of values for partial pay requests as well as to determine the price of work in the event measured quantities differ from estimated quantities. The work will be completed for the stipulated lump sum total amount listed at the end of the unit costs.

BASE BID: 2020 Carson River Bank Stabilization Projects

Project One - Holbrook Ranch, Area 5

Item No.	Description	Estimated Quantity	Unit	Bid Unit Price	Bid Price
1	Mobilization, Bonding, SWPPP and Demobilization furnished and installed for the lump sum price of:	1	LS	\$ /LS	\$
2	Diversion and Dewatering, furnished and installed for the lump sum price of:	1	LS	\$ /LS	\$
3	Site Clearing, Preparation and Dust Control, furnished and installed for the lump sum price of:	1	LS	\$ /LS	\$
4	Regrade River Banks to Plan Contours and Grades, furnished and installed for the unit price per cubic yard of:	1,238	CY	\$ /CY	\$
5	Select Rock Rip-Rap Slope Protection, furnished and installed for the unit price per cubic yard of:	760	CY	\$ /CY	\$
6	Install Rock Refusal Trenches, furnished and installed for the unit price per each of	30	CY	\$ /CY	
7	Transport and install log veins, furnished and installed for the unit price of each at	4	EA	\$ /EA	\$
Total Bid – Project One - Holbrook Ranch, Area 5:					\$
Total Bid – Project One - Holbrook Ranch, Area 5: Price(written):					

Project Two - Charney Ranch, Location 3, Area 3

Item No.	Description	Estimated Quantity	Unit	Bid Unit Price	Bid Price
1	Mobilization, Bonding, SWPPP and Demobilization furnished and installed for the lump sum price of:	1	LS	\$ /LS	\$
2	Diversion and Dewatering, furnished and installed for the lump sum price of:	1	LS	\$ /LS	\$
3	Site Clearing, Preparation and Dust Control, furnished and installed for the lump sum price of:	1	LS	\$ /LS	\$
4	Regrade River Banks to Plan Contours and Grades, furnished and installed for the unit price per cubic yard of:	488	CY	\$ /CY	\$
5	Select Rock Rip-Rap Slope Protection, furnished and installed for the unit price per cubic yard of:	1,150	CY	\$ /CY	\$
6	Install Rock Refusal Trenches, furnished and installed for the unit price per each of	30	CY	\$ /CY	
7	Transport and install log veins furnished and installed for the unit price of each at (NOT USED),	0	EA	\$ /EA	\$
Total Bid – Project Two - Charney Ranch, Location 3, Area 3:					\$
Total Bid – Project Two - Charney Ranch, Location 3, Area 3: Price(written):					

Project Three - Charney Ranch, Location 2, Area 2

Item No.	Description	Estimated Quantity	Unit	Bid Unit Price	Bid Price
1	Mobilization, Bonding, SWPPP and Demobilization furnished and installed for the lump sum price of:	1	LS	\$ /LS	\$
2	Diversion and Dewatering, furnished and installed for the lump sum price of:	1	LS	\$ /LS	\$
3	Site Clearing, Preparation and Dust Control, furnished and installed for the lump sum price of:	1	LS	\$ /LS	\$
4	Regrade River Banks to Plan Contours and Grades, furnished and installed for the unit price per cubic yard of:	95	CY	\$ /CY	\$
5	Select Rock Rip-Rap Slope Protection, furnished and installed for the unit price per cubic yard of (NOTUSED):	0	CY	\$ /CY	\$
6	Install Rock Refusal Trenches, furnished and installed for the unit price per each of	30	CY	\$ /CY	
7	Transport and install log veins furnished and installed for the unit price of each at,	3	EA	\$ /EA	\$
Total Bid – Project Three - Charney Ranch, Location 2, Area 2:					\$
Total Bid – Project Three - Charney Ranch, Location 2, Area 2: Price (written):					

Project Four - Charney Ranch, Location 2, Area 1

Item No.	Description	Estimated Quantity	Unit	Bid Unit Price	Bid Price
1	Mobilization, Bonding, SWPPP and Demobilization furnished and installed for the lump sum price of:	1	LS	\$ /LS	\$
2	Diversion and Dewatering furnished and installed for the lump sum price of:	1	LS	\$ /LS	\$
3	Site Clearing, Preparation and Dust Control, furnished and installed for the lump sum price of:	1	LS	\$ /LS	\$
4	Regrade River Banks to Plan Contours and Grades, furnished and installed for the unit price per cubic yard of:	205	CY	\$ /CY	\$
5	Select Rock Rip-Rap Slope Protection furnished and installed for the unit price per cubic yard of: (NOT USED),	0	CY	\$ /CY	\$
6	Install Rock Refusal Trenches, furnished and installed for the unit price per each of	30	CY	\$ /CY	
7	Transport and install log veins furnished and installed for the unit price of each at (NOT USED),	0	EA	\$ /EA	\$
Total Bid – Project Four - Charney Ranch, Location 2, Area 1:					\$
Total Bid – Project Four - Charney Ranch, Location 2, Area 1: Price (written):					

TOTAL BASE BID - SUM OF TOTAL BIDS FOR PROJECTS ONE THROUGH FOUR:

TOTAL BASE BID - SUM OF TOTAL BIDS FOR PROJECTS ONE THROUGH FOUR (WRITTEN):

**BID ALTERNATE 'A': 2020 Carson River Bank Stabilization Projects
Project Five - Holbrook Ranch, Area 4**

Item No.	Description	Estimated Quantity	Unit	Bid Unit Price	Bid Price
1	Mobilization, Bonding, SWPPP and Demobilization furnished and installed for the lump sum price of:	1	LS	\$ /LS	\$
2	Diversion and Dewatering, furnished and installed for the lump sum price of:	1	LS	\$ /LS	\$
3	Site Clearing, Preparation and Dust Control, furnished and installed for the lump sum price of:	1	LS	\$ /LS	\$
4	Regrade River Banks to Plan Contours and Grades, furnished and installed for the unit price per cubic yard of:	540	CY	\$ /CY	\$
5	Select Rock Rip-Rap Slope Protection, furnished and installed for the unit price per cubic yard of:	535	CY	\$ /CY	\$
6	Install Rock Refusal Trenches, furnished and installed for the unit price per each of	90	CY	\$ /CY	
7	Transport and install log veins, furnished and installed for the unit price of each at (NOT USED)	0	EA	\$ /EA	\$
Total Bid Alternate 'A' – Project Five - Holbrook Ranch, Area 4:					\$
Total Bid Alternate 'A' – Project Five - Holbrook Ranch, Area 4: Price (written):					

Total Combined Base Bid and Bid Alternate 'A' Price:
Total Combined Base Bid and Bid Alternate 'A' Price (Written):

**BID ALTERNATE 'B': 2020 Carson River Bank Stabilization Projects
Project Six – Flying J Ranch, Location 2, Area 1**

Item No.	Description	Estimated Quantity	Unit	Bid Unit Price	Bid Price
1	Mobilization, Bonding, SWPPP and Demobilization furnished and installed for the lump sum price of:	1	LS	\$ /LS	\$
2	Diversion and Dewatering, furnished and installed for the lump sum price of:	1	LS	\$ /LS	\$
3	Site Clearing, Preparation and Dust Control, furnished and installed for the lump sum price of:	1	LS	\$ /LS	\$
4	Regrade River Banks to Plan Contours and Grades, furnished and installed for the unit price per cubic yard of:	285	CY	\$ /CY	\$
5	Select Rock Rip-Rap Slope Protection, furnished and installed for the unit price per cubic yard of:	470	CY	\$ /CY	\$
6	Install Rock Refusal Trenches, furnished and installed for the unit price per each of	30	CY	\$ /CY	
7	Transport and install log veins, furnished and installed for the unit price of each at	3	EA	\$ /EA	\$
Total Bid Alternate 'A' – Project Six – Flying J Ranch, Location 2, Area 1:					\$
Total Bid Alternate 'B' – Project Six – Flying J Ranch, Location 2, Area 1: Price (written):					

Total Combined Base Bid and Bid Alternate 'B' Price:
Total Combined Base Bid and Bid Alternate 'B' Price (Written):

- CHECK ONE:
- We qualify and claim the Preferential Bidder Status as specified in NRS 338.147, **and have attached the appropriate information** in accordance with the requirements of NRS 338.147 as referenced in Supplementary Condition 6.09.I.
- We do not qualify for the Preferential Bidder Status as specified in NRS 338.147.

**FORM OF AGREEMENT
BETWEEN OWNER AND CONTRACTOR FOR
CONSTRUCTION CONTRACT (STIPULATED PRICE)**

This AGREEMENT is by and between Carson Valley Conservation District (“Owner”) and _____ (“Contractor”).

Owner and Contractor hereby agree as follows:

ARTICLE 1 – WORK

1.01 Contractor shall complete all Work as specified or indicated in the Contract Documents. The Work is generally described as follows: Construction of bank stabilization measures along the Carson River near Genoa, Nevada. Work includes de-watering of project site, river channel excavation and placement of soil along the failed banks, regrading of river banks, construction of rock refusal trenches, river bank armoring by placing specified rip-rap along the toe and slopes of newly graded river banks, installation of log veins or stream barbs, etc.

ARTICLE 2 – THE PROJECT

2.01 The Project for which the Work under the Contract Documents may be the whole or only a part is generally described as follows:

1. 2020 Carson River Bank Stabilization Projects.

ARTICLE 3 – ENGINEER

3.01 The Project has been designed by R.O. Anderson Engineering, Inc. (Engineer), which is to act as Owner’s representative, assume all duties and responsibilities, and have the rights and authority assigned to Engineer in the Contract Documents in connection with the completion of the Work in accordance with the Contract Documents.

ARTICLE 4 – CONTRACT TIMES

4.01 *Time of the Essence*

A. All time limits for Milestones, if any, Substantial Completion, and completion and readiness for final payment as stated in the Contract Documents are of the essence of the Contract.

4.02 *Days to Achieve Substantial Completion and Final Payment*

A. The Work for the project will be substantially completed within 90 days after the date when the Contract Times commence to run as provided in Paragraph 2.03 of the General Conditions. The Work for the project will be completed and ready for final payment in accordance with Paragraph 14.07 of the General Conditions within 14 days after issuance of Certificate of Substantial Completion.

SECTION 01025 - MEASUREMENT AND PAYMENT

Part 1 GENERAL

1.1. Section Includes

- A. Measurement and payment criteria applicable to the Work performed under a unit price payment method.

1.2. Authority

- A. Measurement methods delineated in the individual specification sections complements the criteria of this section.
- B. Assist by providing necessary equipment, workers, and survey personnel as required.

1.3. Unit Quantities Specified (Not Used)

1.4. Methods of Measurement

- A. Measurement Devices:
 - 1. Weigh Scales: Inspected, tested and certified by the State of Nevada Bureau of Weights and Measures within the past year.
 - 2. Platform Scales: Of sufficient size and capacity to accommodate the conveying vehicle.
 - 3. Metering Devices: Inspected, tested and certified by the State of Nevada Bureau of Weights and Measures within the past year.
- B. Measurement by Volume: Measured by cubic dimension using mean length, width and height or thickness.
- C. Measurement by Area: Measured by square dimension using mean length and width or radius.
- D. Linear Measurement: Measured by linear dimension, at the item centerline or mean chord.
- E. Stipulated Sum/Price Measurement: Items measured by weight, volume, area, or linear means or combination, as appropriate, as a completed item or unit of the Work.

1.5. Measurement and Payment

This Section of the Specifications here-by replaces the Measurement and Payment sub-sections of the Standard Specifications for the various Bid Items. All measurement and payment shall be based in English Units unless otherwise provided for in these Specifications.

The Bid Items listed are meant to encompass all work as called out in these Construction Specifications and as shown on the drawings. If an item is not specifically mentioned, it shall be assumed to be included in the most appropriate Bid Item.

The Bid Item description included in the Base Bid Schedule below shall be interpreted to be applicable for all four (4) project bid items. Furthermore, the measurements and payments shall be paid for all four (4) project bid items as described below:

BASE BID SCHEDULE

Bid Item 1:	Mobilization, Bonding, Insurance, SWPP and Demobilization
Measurement:	No separate measurement will be made for this item.
Payment:	Payment for mobilization, bonding, insurance, preparation of SWPPP and demobilization will be at the Contract lump sum amount which shall include full

compensation for mobilization, submittal of all agreements, bonds, certifications, certificates of insurance, preparation of the SWPPP, obtaining all necessary permits, submittal of all necessary schedules, meetings, administration, coordination, record drawings, and demobilization. The lump sum Contract amount shall be prorated at the Owner's judgment of actual progress of the Work versus the schedule submitted by the Contractor, taking into consideration any agreed upon changes to the schedule.

Scope:

The scope of this item shall include all labor, materials and equipment required to move onto the site, set up temporary sanitary facilities (due to the remote nature of the site a temporary job shack with power and water is not required). It shall also include submittal of an approved shop drawing schedule, submittal of an approved schedule of values, and submittal of an approved construction schedule as outlined in Article 2 of the General Conditions, coordinate and supervise construction-related activities between the Contractor(s), Owner, Engineer, inspectors, government agencies and other parties which may require information or consultation during performance of the Work, all labor and materials required to leave the site, break down remove temporary facilities installed to facilitate construction, and cleanup of any spoils from excavation, garbage and miscellaneous debris generated during construction. Prorating of the lump sum will be accomplished by Engineer's judgment of the actual progress of the Work versus the schedule submitted by the Contractor, taking into account any agreed-upon changes to the schedule.

Bid Item 2:

Diversion and Dewatering

Measurement:

No separate measurement will be made for this item.

Payment:

Payment for the diversion and dewatering will be at the Contract lump sum amount which shall include full compensation for all labor, materials, tools, equipment, excavation, compaction and incidentals required to perform the Work. The lump sum Contract amount shall be prorated at the Owner's judgment of actual progress of the Work versus the schedule submitted by the Contractor, taking into consideration any agreed upon changes to the schedule.

Scope:

The scope of this item shall include all labor, materials and equipment required to divert the water (surface and underground) from the location of work which includes the on-site borrow areas from existing gravel bars. The Contractor shall submit a plan to Engineer showing the manner in which the Contractor plans to dewater the site prior to implementation. This item includes removal of all works associated with the diversion and dewatering techniques including re-shaping the existing channel bed so low flows are directed along new toe of bank at the end of construction. The contractor shall plan the work for diversion and dewatering to ensure enough native material is available for re-grading of the failed banks. If relocation of de-watering channel is required to generate additional material, no additional payment will be made.

Bid Item 3:

Site Clearing, Preparation and Dust Control

Measurement:

No separate measurement will be made for this item.

Payment:

Payment for site clearing, preparation and dust control will be made at the Contract lump sum amount, which shall include full compensation for all labor, materials, tools, equipment, and incidentals required to perform the Work. The lump sum Contract amount shall be prorated at the Owner's judgment of actual progress of the Work versus the schedule submitted by the Contractor, taking into consideration any agreed upon changes to the schedule.

Scope:

The scope of this item shall include all labor, materials and equipment required to perform site clearing, preparation and dust control for the site. Vegetation within

the work area shall be stripped and spoiled on-site at a location designated by the Owner. Large trees and branches (having a diameter of six inches or greater) shall be removed from the work area (which includes the low flow channel) cut into 36-inch lengths and stored neatly at a location on-site designated by the Owner. "Slash" material (defined as branches and trees less than six-inches in diameter) shall be stored at a location on-site as designated by the Owner. A "stump hole" may be allowed at a location designated by and with the approval of the Owner. This task includes the installation of temporary erosion control measures in accordance with Best Management Practices (BMPs) as required by the terms of the permitting agency. Contractor shall maintain dust control on a regular basis within the work area as well as the construction access route as necessary to prevent the site from becoming a dust hazard. This task includes removal and replace of in-kind fencing that may be required to facilitate access and/or construction.

Bid Item 4:

Regrade River Banks to Plan Contours and Grades

Measurement:

The quantity of regrade river banks to plan contours will be measured per cubic yard of cut/fill material that is in place as shown on the plans.

Payment:

Payment for regrade river banks to plan contours will be at the Contract unit price per cubic yard which shall include full compensation for all labor, materials, tools, equipment, excavation, backfill, compaction, cleaning, site restoration, and incidentals required to perform the Work.

Scope:

The scope of this item shall include all labor, materials and equipment required to regrade the river banks through cut/fill and excavate and move the required additional fill material that may be needed to stabilize the river banks to achieve the contours as shown on the approved drawings. Fill material will consist of mining unspecified native gravel/sand bar deposits that are naturally occurring within the low flow channel of the river bed. Depth of excavations shall not exceed the proposed contours shown on the approved plans.

Bid Item 5:

Select Rock Rip-Rap Slope Protection

Measurement:

The quantity of select rock rip-rap slope protection, will be measured per cubic yard in place on the surface of the ground as shown on the Drawings.

Payment:

Payment for the select rock rip-rap for slope protection, stream barbs and refusal trenches will be at the Contract unit price per cubic yard which shall include full compensation for all labor, materials, tools, equipment, excavation, compaction and incidentals required to perform the Work.

Scope:

The scope of this item shall include all labor, materials and equipment required to furnish and place the select rock rip-rap along the slope of the new bank in the location and shape specified on the approved plans. The rock shall be placed and shaped (not end-dumped) as specified on the approved drawings to provide a neat and workmanlike appearance at the end of construction. The Contractor will place the rock rip-rap in such a fashion to ensure the finished product appears as specified on the Rock Toe & Slope Protection detail of the approved drawings. Note under Bid Item 5 that the Contractor shall be working with the Owner on installing the willow bundles as furnished by the Owner.

Bid Item 6:

Install Rock Refusal Trenches

Measurement:

The quantity of select rock rip-rap for rock refusal trenches will be measured per cubic yard in place on the surface of the ground as shown on the Drawings.

Payment:

Payment for the select rock rip-rap for rock refusal trenches will be at the Contract unit price per cubic yard which shall include full compensation for all

labor, materials, tools, equipment, excavation, compaction and incidentals required to perform the Work.

Scope: The scope of this item shall include all labor, materials and equipment required to furnish and place the select rock rip-rap in the location and shape specified for the refusal trenches. The rock shall be placed and shaped (not end-dumped) as specified on the approved drawings to provide a neat and workmanlike appearance at the end of construction. The Contractor will place the rock rip-rap in such a fashion to ensure the finished product appears as specified on the Rock Refusal Trench detail of the approved drawings. Note under Bid Item 6 that the Contractor shall be working with the Owner on installing the willow bundles as furnished by the Owner.

Bid Item 7: Transport and Install Log Veins

Measurement: The quantity of transport and install log veins will be measured per each in place on the surface of the ground as shown on the Drawings.

Payment: Payment for the transporting and installing log veins barbs will be at the Contract unit price per each which shall include full compensation for all labor, materials, tools, equipment, excavation, compaction and incidentals required to perform the Work.

Scope: The scope of this item shall include all labor, materials and equipment required to transport and install the log veins in the location and shape specified for the log veins. The log veins shall be placed and shaped (not end-dumped) as specified on the approved drawings to provide a neat and workmanlike appearance at the end of construction. The Contractor will place the rock rip-rap in such a fashion to ensure the finished product appears as specified on the appropriate detail of the approved drawings. Note under Bid Item 7 that the Contractor shall be working with the Owner on installing the willow bundles as furnished by the Owner.

BID ALTERNATE A and B Schedules are similar to Base Bid Schedules as described above.

Part II – Products (Not Used)

PART III – Execution (Not Used)

END OF SECTION