

Exhibit A
STATEMENT OF WORK

SANGRE DE CRISTO
TRINCHERA DIVERSION CANAL RESTORATION

I. SCOPE OF WORK – TASKS

General specifications provided by NRCS are in Attachment K

Task 1 - CLEARING – To be completed by TIC personnel – Matching Funds

Items of work and construction details

(NOT A BID ITEM)

1. This item consists of clearing all vegetation from the work site only as necessary for the completion of this project.
2. Clearing shall be Class C (Refer to Attachment K for all such references). Areas to be cleared are not marked on the drawings nor are they marked in the field. The contractor shall clear that area that is absolutely necessary for the construction activities of this project. The contractor shall make arrangements with the Trinchera Irrigation Company to review sensitive or forbidden areas for clearing prior to construction. The contractor shall also make arrangements with the Trinchera Irrigation Company to establish the ditch right-of-way prior to start of construction.
3. Clearing of woody vegetation with trunk diameters greater than four inches is prohibited.
4. All cleared vegetation shall be disposed of in accordance with all county and state regulations. Disposing of waste is allowable with written consent from the landowners of the disposal area.
5. Burning of waste is not allowed.
6. No separate payment will be made for Clearing. Compensation for Clearing will be included in the payment for Bid Item 2, Structure Removal.

Task 2 - STRUCTURAL REMOVAL – To be completed by TIC personnel – Matching Funds

Items of work and construction details

NON-BID ITEM NO. 2

1. This item consists of removing the existing concrete ditch lining from STA 14+93 to STA 25+62 in Section #1 and from STA 15+36 to STA 25+90 in Section #2.
2. Only to the extent necessary, shall the existing concrete ditch lining be removed, for the installation of the new concrete ditch lining.
3. The removed concrete ditch lining shall be placed at the downstream end of the existing 24" CMP located at approximately STA 14+43 in Section #1. The Contractor shall make arrangements with the Trinchera Irrigation Company for written permission from the

landowners to dump in this area prior to construction.

4. In Section 6, Measurement and Payment, Method 2 shall apply. Measurement and payment will include full compensation for all work required to remove the existing concrete ditch lining and dispose of lining in an approved location and for the related Subsidiary Items: Clearing under Specification 1.

Task 3 - MOBILIZATION & DEMOBILIZATION – To be completed by CONTRACTOR

Items of work and construction details

BID ITEM NO. 1

1. This item shall consist of mobilization of the Contractor's forces and equipment for performing the work required under the contract in conformance with Section 1 and Section 2.

2. Payment will be in accordance with Section 3.

Task 4 – WATER FOR CONSTRUCTION – To be completed by CONTRACTOR

Items of work and construction details

(NOT A BID ITEM)

1. This item shall consist of furnishing, transporting and using water for construction purposes required to install the permanent work as shown on the drawings and in the specifications.

2. In Section 2, Facilities and Equipment, the second paragraph does not apply.

3. No separate payment will be made for Water for Construction. Compensation for Water for Construction will be included with the payment for Bid Item 4, Non-Reinforced Concrete Lining.

Task 5 – EXCAVATION – To be completed by Contractor

Items of work and construction details

(NOT A BID ITEM)

A. Subsidiary Item, Excavation, Foundation Stripping, Unclassified

1. This item shall consist of the stripping of the ditch pad areas of all weeds, roots, sod, loose rock or other material not suitable for the sub-grade.

2. In Section 2, Classification, the excavation will be designated as unclassified excavation.

3. In Section 4, Use of Excavated Materials, Method 1 shall apply.

4. In Section 5, Disposal of Waste Materials, Method 2 shall apply.

5. No separate payment will be made for Excavation. Compensation for Excavation, Foundation Stripping, Unclassified will be included in the payment for Bid Item 4, Non-Reinforced Concrete Lining.

B. Subsidiary Item, Excavation, Structure Excavation, Unclassified

1. This item shall consist of the ditch excavation and shaping required to place the non reinforced concrete ditch lining as shown on the drawings.
2. In Section 2, Classification, the excavation will be designated as unclassified excavation.
3. In Section 4, Use of Excavated Materials, Method 1 shall apply.
4. In Section 5, Disposal of Waste Materials, Method 2 shall apply.
5. No separate payment will be made for Excavation. Compensation for Excavation, Structure Excavation, Unclassified will be included in the payment for Bid Item 4, Non-Reinforced Concrete Lining.

Task 6 – EARTH FILL – To be completed by TIC personnel – Matching Funds

Items of work and construction details

NON-BID ITEM NO. 3

1. This item shall consist of all the earth fill required to install the non-reinforced concrete lining as shown on the drawings.
2. Suitable materials shall be used from the required excavations of Section #1 and Section #2. Additional materials shall be obtained from material that has been brought on site from designated borrow areas.
3. Compaction shall be Class C. Each layer of earth fill shall be compacted by one of the following methods or by an approved equivalent method:
 - a. At least 2 passes, over the entire surface by a pneumatic-rubber tired roller exerting a pressure of not less than 75 pounds per square inch.
 - b. At least 4 passes, over the entire surface, with the track of a crawler-type tractor weighting not less than 20 tons.
 - c. Controlled movement of the hauling equipment so that the entire surface is traversed by not less than one tread track of the loaded equipment. Materials placed adjacent to conduits or structures, in trenched or in other locations inaccessible to heavy equipment shall be compacted by means of manually controlled pneumatic or vibrating tampers or approved equivalent methods.
4. The moisture content of the fill materials shall be maintained within the limits required to: (a) prevent bulking or dilatance of the materials under the action of the hauling or compacting equipment; (b) prevent the adherence of the fill materials to treads and tracks of the equipment; and (c) insure crushing and blending of the soil clods and aggregations into a reasonably homogeneous mass. The moisture content of the fill materials shall be approved by the Engineer.
5. The maximum size rock fragment incorporated in the fill shall be 3 inches. The rock fragments shall be completely embedded in a matrix of compacted earth.

6. The maximum allowable horizontal layer thickness shall be 6 inches before compaction except within two feet of any pipe or structure. The maximum lift thickness shall be 4 inches thick before compaction.

7. In Section 9, Measurement and Payment, Method 1 and 6 shall apply. Measurement and payment will include full compensation for all work required to prepare the ditch pad.

Task 7 – STRUCTURE CONCRETE LINING – To be completed by CONTRACTOR

Items of work and construction details

BID ITEM NO. 4

1. This item shall consist of furnishing and placing all the non-reinforced concrete required for ditch lining at the locations shown on the drawings.
2. Coarse aggregate shall be size number 57 (1-inch to No. 4 nominal size) or size number 67 (3/4-inch to No. 4 nominal size).
3. Cement shall be Type II.
4. An air-entraining admixture shall be used.
5. Measurement and payment will be made in accordance with Section 23 at the contract unit price established in the contract. This will also constitute full compensation for the related Subsidiary Items: Water for Construction and Excavation under specifications 10 and 21.

Task 8 – CORRUGATED METAL PIPE – To be completed by CONTRACTOR

Items of work and construction details

BID ITEM NO. 5

1. This item shall consist of furnishing and installing the 24-inch by 15-foot Corrugated Metal Pipe Risers at each ditch lining crossing as shown on the drawings.
2. The pipe joints shall be done on annular sections of the pipe. The coupler shall consist of either a 7- inch wide neoprene or an “o-ring” type gasket set on the annular section. The coupling bands shall be compatible with annular type joints.
3. The pipe shall conform to Material Specification 551.
4. In Section 10, Measurement and Payment, Method 1 shall apply and shall include full compensation for furnishing and installing the corrugated metal pipe risers at each of the two existing ditch lining crossings.

II. SCOPE OF WORK – PERSONNEL

Corporate capabilities of Can-Do-Concrete Inc. are in Attachment D

Tasks and Bid Items to be completed by Trinchera Irrigation Company will utilize equipment and employees already in the employ of TIC. The Budget details this contribution.

The personnel involved in these tasks will include and will be supervised by Ernest Chavez, whose experience includes many years as a successful independent contractor in Costilla County. Mr. Chavez has also been TIC’s ditch superintendent for many years, so is especially qualified to do this work.

Tasks and Bid Items to be completed by Can-Do-Concrete Inc., will be performed under the supervision of Pete R. Gutierrez, owner of the company. Correspondence from Mr. Gutierrez provides a history of his personal experience as well as that of his company. Please see Attachment D for full details, photographs of previous jobs, list of equipment, and references of Can-Do Concrete, Inc.