

**MORONGO  
BAND OF  
MISSION  
INDIANS**



A SOVEREIGN NATION

MORONGO BAND OF MISSION INDIANS  
Banning, California

PIPELINE REPLACEMENT PROJECT PHASES 5 & 6  
ADDENDUM NO. 3

March 14, 2017

Specifications and Drawings for the project above are hereby modified as follows:

**BID OPENING:**

No change to bid opening date. Bids are due 4pm on March 17, 2017.

**CLARIFICATION TO BID SUBMITTAL**

The list of required documents required to be attached to the Bid as listed in Addendum No.2 is the correct list for this project. The DBE Form/Good Faith Estimate form is not applicable to this project. Therefore delete it from Article 7 of C-410.

**CHANGES TO C-410 BID FORM**

Delete C-410 and insert the attached C-410 Addendum No. 3.

Please note that the Contractor's estimated bid date is required under Article 6.

**CHANGES TO SPECIFICATIONS:**

Section 15131-5 Ductile Iron Pipe and Fittings

Add Paragraphs 2.7 and 2.8

**2.7 BOLTS AND NUTS**

- A. All pipe bolts and nuts shall conform where applicable to the latest revision of AWWA C111, AWWA C115, and AWWA C207 standards.
- B. All bolts and nuts for ductile iron flanges shall be hot dipped galvanized or Type 316 stainless steel bolts.
- C. All bolts and nuts for steel flanges shall be hot dipped galvanized or fluoropolymer coated carbon steel bolts conforming to ATSM A193 grade B7 with ASTM A194 grade 2H heavy hex nuts.
- D. All bolts and nuts shall be provided with a washer under each nut and under each bolt head made of the same material as the nuts. Washers shall be sized such that no part of the washer shall project beyond the flange outside diameter. Washers shall be flush

with the flange surface and shall not impinge on any welded surface between the flange and the pipe, valve, or fitting to which the flange is attached.

- E. Bolts shall be of such length that not less than 1/4 inch nor more than 1/2 inch shall project above nut in tightened position. All bolt heads and nuts shall be hexagonal, except where special shapes are required.

## 2.8 FLANGE GASKETS

- A. All pipe gaskets shall conform where applicable to the latest revision of AWWA C111, AWWA C115, and AWWA C207 standards.
- B. All gasket materials shall be suitable for municipal potable water systems and shall be certified compliant with NSF/ANSI 61, Drinking Water System Components-Health effects, in addition to the requirements of the Safe Drinking Water Act.
- C. All gaskets shall be full-faced gasket or ring type and with 1/8-inch minimum thickness.
- D. All gaskets shall be of non-asbestos materials and suitable to be connected to the adjacent flange materials. The minimum gasket thicknesses shall conform to AWWA C207 Table 1 and the size details per AWWA C111 Table C.1
- E. The operating temperature range shall be 0-250°F.

## Section 15131

### Add Paragraph 2.11

## 2.11 MECHANICAL JOINT RESTRAINT

- A. Mechanical Joint Restraint Ductile Iron Pipe and PVC
  - 1. Restraint devices for joining plain end pipe to mechanical joint fittings and appurtenances shall conform to either ANSI/AWWA C111/A21.11 or ANSI/AWWA C153/A21.53. Restraint devices shall be Listed by Underwriters Laboratories (3-inch through 24-inch size) and approved by Factory Mutual (3-inch through 12-inch size).
  - 2. Restraint devices for nominal pipe sizes 3-inch through 48-inch shall consist of multiple gripping wedges incorporated into a follower gland meeting the applicable requirements of ANSI/AWWA C110/A21.10.
  - 3. The devices shall have a working pressure rating of 350 psi for 3-inch through 16-inch and 250 psi for 18-inch through 48-inch. Ratings are for water pressure and must include a minimum safety factor of 2 to 1 in all sizes.
  - 4. Gland body, wedges, and wedge actuating components shall be cast from grade 65-45-12 ductile iron material in accordance with ASTM A536.

5. Ductile iron gripping wedges shall be heat treated within a range of 370 to 470 BHN.
6. All wedge assemblies and related parts shall be processed through a phosphate wash, rinse and drying operation prior to coating application. The coating shall consist of a minimum of 12 mils of coats of liquid or fusion bonded thermoset epoxy coating per AWWA 210 or AWWA 213.
7. All casting bodies shall be surface pretreated with a phosphate wash, rinse and sealer before drying. The coating shall be electrostatically applied and heat cured. The coating shall be a polyester based powder to provide corrosion, impact and UV resistance.
8. All components shall be manufactured and assembled in the United States or approved equal. The purchaser shall, with reasonable notice, have the right to plant visitation at his/her expense.
9. Mechanical joint restraint shall require conventional tools and installation procedures per AWWA C600, while retaining full mechanical joint deflection during assembly as well as allowing joint deflection after assembly. Manufacturer installation recommendations shall be followed.
10. Proper actuation of the gripping wedges shall be ensured with torque limiting twist off nuts.

John Covington  
Water Department Manager, Morongo Band of Mission Indians

BID FORM  
FOR CONSTRUCTION CONTRACTS

Prepared by

ENGINEERS JOINT CONTRACT DOCUMENTS COMMITTEE

and

Issued and Published Jointly By



PROFESSIONAL ENGINEERS IN PRIVATE PRACTICE  
A practice division of the  
NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS

AMERICAN COUNCIL OF ENGINEERING COMPANIES

AMERICAN SOCIETY OF CIVIL ENGINEERS

This document has been approved and endorsed by



The Associated General Contractors of America  
Construction Specifications Institute

EJCDC C-410 Suggested Bid Form for Construction Contracts  
Copyright © 2002 National Society of Professional Engineers for EJCDC. All rights reserved.

# BID FORM

Pipeline Replacement Project  
Phases 5 & 6 for  
Morongo Band of Mission Indians

## TABLE OF ARTICLES

Article .....	Article No.
Bid Recipient .....	1
Bidder's Acknowledgements .....	1
Bidder's Representations .....	1
Further Representations .....	3
Basis of Bid .....	3
Time of Completion .....	5
Attachments to this Bid .....	5
Defined Terms .....	6
Bid Submittal .....	6

EJCDC C-410 Suggested Bid Form for Construction Contracts  
Copyright © 2002 National Society of Professional Engineers for EJCDC. All rights reserved.

**ARTICLE 1 – BID RECIPIENT**

**1.01** This Bid is submitted to:

*Morongo Band of Mission Indians  
Attn: John Covington, Water Department Manager  
Administration Building  
12700 Pumarra Road  
Banning, CA 92220*

**1.02** The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

**ARTICLE 2 – BIDDER'S ACKNOWLEDGEMENTS**

**2.01** Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

**ARTICLE 3 – BIDDER'S REPRESENTATIONS**

**3.01** In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, the other related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged.

Addendum No.....	Addendum Date
.....	
.....	
.....	

B. Bidder has visited the Site and become familiar with and is satisfied as to the general, local and Site conditions that may affect cost, progress, and performance of the Work.

C. Bidder is familiar with and is satisfied as to all federal, state and local Laws and Regulations that may affect cost, progress and performance of the Work.

D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site.

E. Bidder has obtained and carefully studied (or accepts the consequences for not doing so) all additional or supplementary examinations, investigations, explorations, tests, studies and data concerning conditions (surface, subsurface and Underground Facilities) at or contiguous to the Site which may

affect cost, progress, or performance of the Work or which relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, including applying the specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents to be employed by Bidder, and safety precautions and programs incident thereto.

- F. Bidder does not consider that any further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price(s) bid and within the times and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has correlated the information known to Bidder, information and observations obtained from visits to the Site, reports and drawings identified in the Bidding Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Bidding Documents.
- I. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution thereof by Engineer is acceptable to Bidder.
- J. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work for which this Bid is submitted.
- K. Bidder will submit written evidence of its authority to do business in the state where the Project is located not later than the date of its execution of the Agreement.

#### **ARTICLE 4 – FURTHER REPRESENTATIONS**

**4.01** Bidder further represents that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not sought by collusion to obtain for itself any advantage over any other Bidder or over Owner.

#### **ARTICLE 5 – BASIS OF BID**

**5.01** Bidder will complete the Work in accordance with the Contract Documents for the following price(s).

FORMAT FOR UNIT PRICE BID

Bid Schedule A – Pipeline Replacement Project Phase 5 Water Main is for installation of approximately 3024’ of 16” DI CL250 pipe, and 263’ of 8” DI CL 250 pipe, and associated appurtenances.						
Item No.	Description	Unit	Bid Quantity	Bid Unit Price	Bid Price	Specification Section/Plan Reference
1	MCRS Construction Items					
1.1	16" DI pipe installation (including all fittings not included in other bid items), restraints, trench excavation, bedding, pipe laying, and backfill, (DI pipe furnished by Owner) From PRV 11 South	LF	1,945	\$	\$	02740 15115 15120 Sheets 4 and 5
1.2	16" DI pipe installation (including all fittings not included in other bid items), restraints, trench excavation, bedding, pipe laying, and backfill, and pavement restoration (DI pipe furnished by Owner) North side of employee parking lot.	LF	1,079	\$	\$	02740 15115 15120 Sheet 6
1.3	Fire Hydrant long lead with 8" DI pipe installation (including pipe, all fittings not included in other bid items), restraints, trench excavation, bedding, pipe laying, and backfill, and pavement restoration	LF	263	\$	\$	02740 15115 15120 Sheet 6
1.4	Connection at North PRV 11 STA 1+00 Including excavation, field cutting, removals, valves, fittings, backfill & incidentals	LS	1	\$	\$	Sheet 4 Detail 1, Sheet 4
1.5	Connection at South of PRV 11 STA 20+48 Including excavation, field cutting, removals, valves, fittings, backfill & incidentals	LS	1	\$	\$	Sheet 5 Detail 1, Sheet 5
1.6	Connection at Eagle Pass Road (STA 1+00), Including excavation, field cutting, removals, valves, fittings, & incidentals, and pavement restoration	LS	1	\$	\$	Sheet 6 Detail 1, Sheet 6

EJCDC C-410 Suggested Bid Form for Construction Contracts  
Copyright © 2002 National Society of Professional Engineers for EJCDC. All rights reserved.



1.7	Connection at East end of Parking Lot STA 11+79 Including excavation, field cutting, removals, valves, fittings, & incidentals, and pavement restoration	LS	1	\$	\$	Sheet 6 Detail 3, Sheet 6
1.8	8" Gate Valve (FLG), excluding valves included in connection details	EA	1	\$	\$	15160 Construction Note 11, Sheet 6
1.9	Install New Wet Head Fire Hydrant and Assembly Including excavation, fittings, & incidentals, and surface/pavement restoration	EA	3	\$	\$	Construction Note 13 Detail 3, Sheet 9
1.11	Remove Existing Hydrant Including excavation, field cutting, removals, valves, fittings, & incidentals, capping and plugging and surface/pavement restoration	EA	3	\$	\$	15131 Construction Note 4
1.12	Abandonment of Existing Water Mains (Cut and Plug) Install Cap and Blind Flange at East Side of Parking Lot STA 12+09 RT 25' Including excavation, field cutting, removals, valves, fittings, & incidentals, and pavement restoration	LS	1	\$	\$	02800 Construction Note 12
1.13	Abandonment of Existing Water Mains (Cut and Plug) Install Cap and Concrete Thrust Block at South Side of Parking Lot Including excavation, field cutting, removals, fittings, & incidentals, and pavement restoration	LS	1	\$	\$	02800 Sheet 7 Detail 1, Sheet 7
1.14	Abandonment of Existing Water Mains (Cut and Plug), Remove Tee and (3)Valves, and Blind Flange Tee at South of Parking Lot and East of CoGen Including excavation, field cutting, removals, valves, fittings, & incidentals, and surface/pavement restoration.	LS	1	\$	\$	02800 Sheet 8

EJCDC C-410 Suggested Bid Form for Construction Contracts  
Copyright © 2002 National Society of Professional Engineers for EJCDC. All rights reserved.

1.15	Removal of PRV 12 including Cut and Plug of Water Mains Including excavation, field cutting, removals, valves, fittings, & incidentals, and surface/pavement restoration	LS	1	\$	\$	02800 Sheet 8
1.16	Traffic Control	LS	1	\$	\$	01900
SUBTOTAL BID SCHEDULE A (Items 1.1 through 1.26)					\$	

EJCDC C-410 Suggested Bid Form for Construction Contracts  
 Copyright © 2002 National Society of Professional Engineers for EJCDC. All rights reserved.

Bid Schedule B –Pipeline Replacement Project Phases 6						
Water Main is for installation of approximately 1,353’ of 12” DI CL 250 pipe and associated appurtenances.						
Item No.	Description	Unit	Bid Quantity	Bid Unit Price	Bid Price	Specification Section/Plan Reference
2	Morongo Road Construction Items					
2.1	12" DI pipe installation (including all fittings not included in other bid items), restraints, trench excavation, bedding, pipe laying, and backfill, and pavement restoration (DI pipe furnished by Owner)	LF	1,353	\$	\$	02740 15115 15120
2.2	Install New 1” Polyethylene Service Connection Including 1” Saddle, 1” Compression Corporation Stop Including excavation, fittings, incidentals, and surface/pavement restoration.	EA	4	\$	\$	15131 Construction Note 8 Detail 5, Sheet 9
2.3	Install new 2” Polyethylene Service Connection, including 2” Saddle, and 2” Compression Corporation Stop Including excavation, fittings, incidentals, and surface/pavement restoration.	EA	1	\$	\$	15131 Construction Note 10 Detail 6, Sheet 9
2.4	Remove Existing Hydrant & Assembly	EA	1			15131 Construction Note 4
2.5	Install New Dry Barrel Fire Hydrant Assembly, Including excavation, fittings, & incidentals, and surface/pavement restoration	EA	2	\$	\$	Construction Note 30 Detail 3, Sheet 9
2.6	Abandonment of Existing Water Mains (Cut and Plug)	EA	2	\$	\$	02800 Construction Note 12
2.7	Connection at Malki Road Including excavation, removals, fittings, pavement restoration & incidentals	LS	1	\$	\$	Sheet 2 Detail 1 Sheet 2
2.8	Connection at Ramon Road Including excavation, removals, pavement restoration, flange adaptors w/ restraints, & incidentals	LS	1	\$	\$	Sheet 3 Detail 1 Sheet 3
2.9	Traffic Control	LS	1	\$	\$	01900
SUBTOTAL BID SCHEDULE B (Items 2.1 through 2.19)					\$	

EJCDC C-410 Suggested Bid Form for Construction Contracts  
Copyright © 2002 National Society of Professional Engineers for EJCDC. All rights reserved.

Bid Schedule C – Bonds and Insurance						
Item No.	Description	Unit	Bid Quantity	Bid Unit Price	Bid Price	Specification Section/Plan Reference
3.1	Insurance	LS	1	\$	\$	-
3.2	Bonds	LS	1	\$	\$	-

TOTAL BASE BID (BID SCHEDULE A + BID SCHEDULE B + BID SCHEDULE C)

\$ \_\_\_\_\_

TOTAL BASE BID (IN WRITING).....

Unit Prices have been computed in accordance with Paragraph 11.03.B of the General Conditions.

Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Bid items will be based on actual quantities, determined as provided in the Contract Documents.

**ARTICLE 6 – TIME OF COMPLETION**

- 6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 14.07.B of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement and Instructions to Bidders.
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the Work within the Contract Times.
- 6.03 Contractor’s Estimated Start Date \_\_\_\_\_.

**ARTICLE 7 – ATTACHMENTS TO THIS BID**

- 7.01 The following documents are attached to and made a condition of this Bid:
  - A. Required Bid security in the form of a certified check or bank money order or bid bond
  - B. List of Proposed Subcontractors
  - C. List of Proposed Suppliers
  - D. List of Project References
  - E. Required Bidder Qualification Statement with Supporting Data
  - F. Affidavit of Non-Collusion

**ARTICLE 8 – NOTES TO USER**

**ARTICLE 9 – DEFINED TERMS**

- 8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders and the General Conditions.

**ARTICLE 10 – BID SUBMITTAL**

**9.01** This Bid submitted by:

If Bidder is:

An Individual

Name (typed or printed): \_\_\_\_\_

By: \_\_\_\_\_ (SEAL)  
(Individual's signature)

Doing business as: \_\_\_\_\_

A Partnership

Partnership Name: \_\_\_\_\_ (SEAL)

By: \_\_\_\_\_  
(Signature of general partner -- attach evidence of authority to sign)

Name (typed or printed): \_\_\_\_\_

A Corporation

Corporation Name: \_\_\_\_\_ (SEAL)

State of Incorporation: \_\_\_\_\_  
Type (General Business, Professional, Service, Limited Liability): \_\_\_\_\_

By: \_\_\_\_\_  
(Signature -- attach evidence of authority to sign)

Name (typed or printed): \_\_\_\_\_

Title: \_\_\_\_\_

(CORPORATE SEAL)

Attest

Date of Authorization to do business in *California* is        /        /        .

A Joint Venture

Name of Joint Venture: \_\_\_\_\_

First Joint Venturer Name: \_\_\_\_\_ (SEAL)

EJCDC C-410 Suggested Bid Form for Construction Contracts  
Copyright © 2002 National Society of Professional Engineers for EJCDC. All rights reserved.

By:  
(Signature of first joint venture partner -- attach evidence of authority to sign)

Name (typed or printed): \_\_\_\_\_

Title:

Second Joint Venturer Name: \_\_\_\_\_ (SEAL)

By:  
(Signature of second joint venture partner -- attach evidence of authority to sign)

Name (typed or printed): \_\_\_\_\_

Title:

(Each joint venturer must sign. The manner of signing for each individual, partnership, and corporation that is a party to the joint venture should be in the manner indicated above.)

Bidder's Business Address \_\_\_\_\_

Phone No.          Fax No.

SUBMITTED on          , 20          .

State Contractor License No. \_\_\_\_\_. (If applicable)