



CITY OF RIO RANCHO
DEPARTMENT OF FINANCIAL SERVICES
PURCHASING DIVISION
3200 Civic Center Circle NE – Suite 300
Rio Rancho, New Mexico 87144
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**ADDENDUM NUMBER (1) One
IFB-20-PW-020
Industrial Park Loop Improvement Project**

April 23, 2020

Addendum Number (1) One forms part of the contract documents and modifies them in the manner set forth below.

ATTENTION CONTRACTORS

- Questions and Answers
- Remove and Replace
- Attachments to Addendum
 - Attachment 2 - Standard Trench/Embankment Installation

Questions and Answers:

- 1) Question: Will Domestic Material be required for this project? (AIS or Buy American)

Answer: The project is not Federally Funded nor funded by State Revolving Funds and does therefore not require Buy American or American Iron and Steel material requirements.

- 2) Question: Bid item #10 calls for 72EA 8” Restrained Joint Harnesses. Plans show a need for 30EA. Please clarify.

Answer: A revised bid form is provided with this addendum revising the bid quantities for (restrained joint harnesses and glands)

- 3) Question: Bid item #11 calls for 28EA 8” Restrained Joint Glands. Plans show a need for 36EA on fittings alone (not counting those needed for connections, cut and caps, or gate valves). Please clarify.

Answer: A revised bid form is provided with this addendum revising the bid quantities for (restrained joint harnesses and glands)

- 4) Question: Bid item #13 calls for 6EA 1" SERVICE LINE REPLACEMENTS. Plans show 2EA. Please Clarify.

Answer: The plans detail two (2) 1" Services on Sheets 11-2 and 11-3 (Stations 34+40, 29+90). Additionally, there are anticipated to be 2 additional 1" service lines encountered during construction, the contractor is directed to bid 4 EA 1" Service Line Replacements and to study Water Line Service Detail on Sheet 6-2.

- 5) Question: Bid item #15 calls for 1EA 1-1/2" SERVICE LINE REPLACEMENT. Plans show 2" Service Line Replacement. Please Clarify.

Answer: Please see revised Bid Form.

- 6) Question: Bid item #18 calls for 1EA Manhole 8' Dia. It does not appear to be shown in plans. At what station will it be required and is it a Storm or Sewer Manhole?

Answer: The manhole is described in the Bid Item Descriptions & Special Specifications as follows: "This item is not shown on the plans and may (or may not) be installed at the direction of the CORR Project Manager at the approximate mid-point of the 83"x53" RCP installation. Incidental to this item will be a reinforced concrete collar on both the upstream and downstream connection to transition the 83" width RCP into the 8' diameter manhole. The item is paid per Each, and includes all work and fittings to be constructed complete in place."

- 7) Question: Bid item #64 calls for 3EA 8" Gate Valves. Plans Show 2EA. Please Clarify.

Answer: Please see revised Bid Form.

- 8) Question: Bid item #65 calls for 3EA Valve Boxes. Plans Show 2EA. Please Clarify.

Answer: Please see revised Bid Form.

- 9) Question: Bid item #67 calls for 1EA Cut and Cap 8" Waterline. This does not appear to be shown in plans. At what station will it be required?

Answer: Please see revised Bid Form.

- 10) Question: Bid item #70 calls for 1EA 8" NonPressurized Waterline Connection. Is this the connection to the new Base Bid waterline as well as the connection to the Add Alt#2 Waterline?

Answer: Please see revised Bid Form, this item pays for a single nonpressurized connection to the new stub and valve from the base bid.

- 11) Question: Bid item #71 calls for 43EA 8" Restrained Joint Harnesses. Plans show a need for 15EA. Please clarify.

Answer: A revised bid form is provided with this addendum revising the bid quantities for (restrained joint harnesses and glands)

- 12) Question: Bid item #72 calls for 12EA 8" Restrained Joint Glands. Plans show a need for 40EA on fittings alone (not counting those needed for connections, cut and caps, or gate valves). Please clarify.

Answer: A revised bid form is provided with this addendum revising the bid quantities for (restrained joint harnesses and glands)

- 13) Question: Bid item #73 calls for 1EA 5/8" SERVICE LINE REPLACEMENTs. Plans show 0EA. Please Clarify.

Answer: Please see revised Bid Form.

- 14) Question: Bid item #74 calls for 1EA 2" SERVICE LINE REPLACEMENTs. Plans show 0EA. Please Clarify

Answer: Please see revised Bid Form.

- 15) Question: Bid item #91 calls for 3EA 8" Gate Valves. Plans Show 5EA. Please Clarify.

Answer: Please see revised Bid Form.

- 16) Question: Bid item #92 calls for 3EA Valve Boxes. Plans Show 5EA. Please Clarify.

Answer: Please see revised Bid Form.

- 17) Question: Bid item #93 calls for 2EA Fire Hydrant Assemblies. Plans Show 1EA. Please Clarify

Answer: The second Fire Hydrant Assembly is to be installed to replace the existing Hydrant at Station 17+59. The removal of the existing hydrant is already included in the Bid Item Descriptions & Special Specifications for removal of 3 fire hydrants.

- 18) Question: Bid item #97 calls for 1EA 8" NonPressurized Waterline Connection. Plans Show 2EA. Please Clarify.

Answer: Please see revised Bid Form.

- 19) Question: Bid item #98 calls for 40EA 8" Restrained Joint Harnesses. Plans show a need for 15EA. Please clarify.

Answer: A revised bid form is provided with this addendum revising the bid quantities for (restrained joint harnesses and glands)

- 20) Bid item #99 calls for 10EA 8" Restrained Joint Glands. Plans show a need for 26EA on fittings alone (not counting those needed for connections, cut and caps, or gate valves). Please clarify.

Answer: A revised bid form is provided with this addendum revising the bid quantities for (restrained joint harnesses and glands)

- 21) Question: Bid item #100 calls for 1EA 5/8" SERVICE LINE REPLACEMENTs. Plans show 0EA. Please Clarify.

Answer: A 5/8" service line replacement is anticipated for installation at approximate station 18+25.

22) Question: Bid item #101 calls for 1EA 1" SERVICE LINE REPLACEMENTs. Plans show 0EA. Please Clarify

Answer: Please see revised Bid Form.

23) Question: During the pre-bid conference it was mentioned that the property owner would be responsible to remove & clear their obstructions & obstacles within the new 42" Strom Drain alignment per SH# 10-5. So for this work the contractors only responsibility is the items described on Page 154 of the bid documents per item description "Bid Item #29 (actually Bid Item #37) Removal of Structures & Obstructions" line #4 & #5 as described. Is this correct & is the property owner aware of their responsibilities?!?

Answer: Yes, the City has coordinated with owners for these removals, and the awarded contractor will only be responsible for those items listed in Removals of Structures & Obstructions. The list of Removals of Structures & Obstructions has been modified to match Bid Items numbering.

24) Question: Piggy backing question #1(#24 on this form)-Is the property owner at 108 Industrial Park Loop also responsible & on board to remove their obstructions & obstacles for the 8x4 CBC alignment per SH #1`0-4?!? Again contractors only responsibility is per item description on page 154 of the bid documents for Bid Item #29 (Actually BI# 37) Removals of Structures & Obstructions".

Answer: Yes, the City has coordinated with owners for these removals, and the awarded contractor will only be responsible for those items listed in Removals of Structures & Obstructions. The list of Removals of Structures & Obstructions has been modified to match Bid Items numbering.

25) Question: The bid form has no items or quantities for the 6" materials (6" GV, VLV box, 6" mega Lugs, 6" C-900) that are needed with the Fire Hydrants (BI #5, #66 & #93). Are these 6" materials incidental to the Fire Hydrant installation?!? Or will the City provide additional bid items for this work?!?

Answer: Yes, all 6" items are incidental. The bid item for Fire Hydrants is "FIRE HYDRANT ASSEMBLY, PER CORR STANDARD DETAIL W-15, COMPLETE-IN-PLACE". The contractor is directed to bid the item with ALL items and work as shown in City of Rio Rancho Detail W-15 as incidental to the hydrant installation.

26) Question: On SH# 10-12, I noticed on modified Type C inlet detail as Sta. 32+75.49 calls out for a "10' flare transition 6x3 CBC to match the 83"x53" elliptical". Has the engineer consulted with Rinker Materials or any CBC manufacturer on their capabilities & production of such a thing?!? If so or not, can we have a bid item for this special transition?!? Since it is NOT included on the inlet item description on page 155 of the bid documents & there is not item description for bid Item 329 6x3 CBC on pages 153-156.

Answer: Reinforced Concrete Box Culvert – 6' Span X 4' Rise pays for 276 LF of structure, which includes this 10' transition length. The contractor is directed to simply

expand the CBC inner dimensions from 6'x3' to 83"x53" (6.9' x 4.4') across the 10' length as shown, reinforcement to follow the same NMDOT standard drawings. This, as well as the NMDOT Specification Collar shown on sheet 10-12 (NMDOT Standard Drawing 515-01, a 1' Thick Class A Concrete collar with #5 at 9" and 15" OC) shall all be considered incidental to construction of the Bid Item 29, 6'x3' CBC.

If the contractor selects to construct the CBC with pre-cast sections (as discussed in following responses in this addendum), the contractor should coordinate with manufacturers for this transition, payment will remain within the pay item for LF of item bid Item 29.

- 27) Question: Bid item #45 (6" DRV Pad) of the base bid, has quantity but there is not one single call out for any drive pad remove & replace in the construction drawings, there is however the removals in BI #37 Removal of structures & obstructions per description on page 154 of bid documents. I can only assume the drive pads along the 6x3 & 83x53 RCP alignment will be impacted & need to be removed & replaced. Can the city & engineer please clarify locations of drive pads placement?

Answer: Both the removals and replacement of drive pads are intended to pay the contractor for necessary removals along the alignment for the 6'x3' & 83"x53" storm drain alignment, however, the engineer and owner are providing these without knowing the contractors means & methods (trench box use and/or trench box dimension, limits of trench disturbance, etc....). The contractor is urged to examine the site and to inspect these existing drive pads along the east side on Industrial Park Loop from 30+00 to Station 47+00.

- 28) Question: Add Alt #1 & Add Alt #2 have Bid Items for 5/8", 1" & 2" Water Service replacements BI #73, 344, 3100, 3101, but there is no call outs per construction note 4, where these are going? Can the City please clarify these locations?!?

Answer: Please see revised Bid Form.

- 29) Question: Bid Item #17 (existing SAS Service Sampling MH Reconnections) & Per the bid item description on page 156 of the bid documents, we need more clarification. Is the Contractor replacing the ex. SAS service to ex. Sampling MH?!? Is the contractor lowering the Ex. Sampling MH?!? Is the contractor removing & replacing the ex. Sampling MH?!? Since there was no S.U.E performed for this project, especially along the 6x3 CBC & 83x53" RCP alignment, it is hard to determine the City & engineers intent.

Answer: Sheets 10-2 and 10-3 have Keyed Note #1 to describe this item. The Note # 1 states: "At all existing Sanitary Sewer Services (Sampling Port Manholes) Reconnect Services Using Detail D, Sheet 10-10. CORR standard Details, A, B, & C, Sheet 10-10 may be utilized to make appropriate connection."

At each of the sampling port manholes locations on sheets 10-2 and 10-3, the locations are shown both in Plan view, as well as the connection elevations in profile view. The pay item is to reconnect a service from the existing gravity line to the existing sampling port manhole, no replacement nor adjustment to the manhole is anticipated other than

reconnecting the service line, with careful attention to the storm drain system and the incidental concrete reinforcement of the new services under the storm drain system.

30) Question: I want to ask the question whether the City of Rio Rancho and the Project Engineer will consider the use of Precast Reinforced Concrete Box Culvert for the Industrial Loop Improvement Project? I Mike Griego as a representative of Rinker Materials will say, we would look at producing the RCBC per NMDOT 2014 Edition of New Mexico Department of Transportation Standard Specifications for Highway and Bridge Construction-Section 511-F: Precast Concrete Box Culvert.

Answer: The City of Rio Rancho and engineer will allow the use of Pre-Cast CBC. If the contractor elects to bid the CBC bid items utilizing precast CBC, all work shall be in conformance with NMDOT Specifications, including but not limited to 511 and 517.

31) Question: Is it possible to get more time to construct the project, instead of 150 consecutive calendar days, say approximately 220 working calendar days?

Answer: The bid form and contract times for this project have been revised as follows:
Base Bid: 180 Calendar Days
Bid Alternate 1: 20 Calendar days
Bid Alternate 2: 20 Calendar days

32) Question: Is there a special bedding/backfill required for the elliptical RCP?

Answer: Yes, please see Attachment 2 included with this Addendum.

Remove and Replace

Please remove and replace pages 56 through 67 of the original bid document and replace with the Revised Bid Form attached hereto.

Please remove and replace the Bid Item Descriptions & Special Specifications of the original bid document with the Revised Bid Item Descriptions & Special Specifications attached hereto.

As provided on page 63 of the Revised Bid Form, Bidders shall acknowledge receipt of Addendum Number (1) One. All other provisions of the Contract Documents shall remain unchanged.

CITY OF RIO RANCHO
STATE OF NEW MEXICO



PURCHASING DIVISION
3200 Civic Center Circle NE - Suite 300
Rio Rancho, NM 87144

INVITES YOUR FIRM TO OFFER A BID ON:

IFB 20-PW-020
Industrial Park Loop Improvement Project

AS SPECIFIED IN THE ATTACHED BID DOCUMENTS.

Sealed bids will be received until 10:00 A.M. Local Mountain Time
on Thursday, April 30, 2020

By the

Email: mschimmel@rrnm.gov

Mailed Originals: City of Rio Rancho

Office of the City Clerk

1st Floor, Room # 150

3200 Civic Center Circle NE

Rio Rancho, NM 87144

NAME OF BIDDER/CONTRACTOR

ADDRESS

CITY, STATE ZIP CODE

PHONE

FAX

EMAIL

Complete this form as well as the following forms in their entirety as specified in the Instruction to Bidders to ensure that your bid submission is complete.

BID FORM

This Bid is submitted to the City of Rio Rancho, New Mexico (hereinafter called "OWNER").

1. The undersigned (hereinafter called "BIDDER"), in compliance with your invitation for bids for the Industrial Park Loop Improvement Project, having examined the drawings and specifications, with related documents, and having examined the site of the proposed work, and being familiar with all of the conditions surrounding the construction of the proposed project, including the availability of labor, materials and supplies, hereby proposes to furnish all labor, materials and supplies, and to construct the project in accordance with the contract documents at the prices stated below. These prices are to cover all expenses incurred in performing the work required under the contract documents, of which this proposal is a part.
2. **BID SUBMISSION:** The Bidder agrees to perform all of the following Base Work and any/or all Additive Alternate work for the amount(s) submitted for Industrial Park Loop Improvement Project determined as follows:

CITY OF RIO RANCHO
Industrial Park Loop Improvement Project

Base Bid

<u>Bid Item #</u>	<u>Spec. Type</u>	<u>Spec. #</u>	<u>Item Description</u>	<u>Unit</u>	<u>Est. Qty.</u>	<u>Unit Price</u>	<u>Total Amount</u>
1	CoRR	1000-000	UTILITY COORDINATION ALLOWANCE (See SC 12.03.F)	ALLOW	1.00	\$ 35,000.00	\$ 35,000.00
2	NMAPWA	801.03.02.05	8" C900 WATER LINE PIPE, INCL. TRENCH, COMPACTION & BACKFILL UP TO 6' DEPTH, COMPLETE-IN-PLACE (EXCLUDING FITTINGS).	LF	1,430.00		
3	NMAPWA	801.03.03.08	8" GATE VALVE, COMPLETE-IN-PLACE	EA	7.00		
4	NMAPWA	801.03.05.01	VALVE BOX ASSEMBLY, PER CORR STANDARD DETAIL W-5, COMPLETE-IN-PLACE	EA	7.00		
5	NMAPWA	801.03.07.01	FIRE HYDRANT ASSEMBLY, PER CORR STANDARD DETAIL W-15, COMPLETE-IN-PLACE	EA	5.00		
6	NMAPWA	801.10.05.08	CUT AND CAP 8" WATER LINE, COMPLETE-IN-PLACE	EA	4.00		
7	NMAPWA	801.22.04	DUCTILE IRON FITTINGS, ALL SIZE WATER LINE, COMPLETE-IN-PLACE	LB	4,900.00		
8	NMAPWA	801.22.11	VALVE BOX ADJUSTMENT	EA	6.00		
9	NMAPWA	801.22.12.01.08	WATER LINE CONNECTION, 8" NON-PRESSURIZED, COMPLETE-IN-PLACE	EA	2.00		
10	NMAPWA	801.22.13.02.03	MECHANICAL RESTRAINED JOINTS – HARNESS 8"	EA	72.00		
11	NMAPWA	801.22.13.02.14	MECHANICAL RESTRAINED JOINTS – GLAND 8"	EA	28.00		

Addendum One

<u>Bid Item #</u>	<u>Spec. Type</u>	<u>Spec. #</u>	<u>Item Description</u>	<u>Unit</u>	<u>Est. Qty.</u>	<u>Unit Price</u>	<u>Total Amount</u>
12	NMAPWA	802.03.02.01	5/8" SERVICE LINE REPLACEMENT, INCL. TAPPING SADDLE & COPPER TUBING, SINGLE SERVICE PER CORR STANDARD DETAIL W-6, COMPLETE-IN-PLACE.	EA	1.00		
13	NMAPWA	802.03.02.03	1" SERVICE LINE REPLACEMENT INCL. TAPPING SADDLE & COPPER TUBING, SINGLE SERVICE PER CORR STANDARD DETAIL W-6, COMPLETE-IN-PLACE.	EA	6.00		
14	NMAPWA	802.03.02.04	1" SERVICE LINE REPLACEMENT INCL. TAPPING SADDLE & COPPER TUBING, DOUBLE SERVICE PER CORR STANDARD DETAIL W-6, COMPLETE-IN-PLACE.	EA	1.00		
15	NMAPWA	802.03.02.05	1-1/2" Service Line Replacement, Incl. Tapping Saddle & Copper Tubing, Single Service Per CoRR Standard Details	EA	1.00		
16	NMAPWA	802.03.02.08	3" Service Line Replacement, Incl. Tapping Saddle & Copper Tubing, Single Service Per CoRR Standard Details	EA	2.00		
17	NMAPWA	905.6	Existing Sanitary Service (Sampling Manhole - Reconnect Per Plan Details)	EA	8.00		
18	NMAPWA	920.03.01.41	MANHOLE 8 DIA TYPE "E" 3' - 6' DEEP—COMPLETE-IN-PLACE	EA	1.00		
19	NMAPWA	920.08.02.01	MANHOLE ELEVATION ADJUSTMENT	EA	15.00		
20	NMDOT	201000	CLEARING AND GRUBBING	LS	1.00		
21	NMDOT	201004	Excavation And Backfill For Major Structures	CY	800.00		
22	NMDOT	203000	UNCLASSIFIED EXCAVATION	CY	1,580.00		
23	NMDOT	207000	SUBGRADE PREPARATION	SY	6,900.00		
24	NMDOT	303000	BASE COURSE	TON	2,225.00		
25	NMDOT	407000	ASPHALT MATERIAL FOR TACK COAT	TON	0.50		
26	NMDOT	408100	PRIME COAT MATERIAL	TON	1.00		
27	NMDOT	414130	Cold Milling (Asphalt) 3"	SY	6,675.00		
28	NMDOT	423282	HMA COMPLETE SP-III	TON	2,100.00		
29	NMDOT	511900	Reinforced Concrete Box Culvert - 6' Span X 3' Rise CIP	LF	276.00		
30	NMDOT	511901	Reinforced Concrete Box Culvert - 8' Span X 4' Rise CIP	LF	411.00		
31	NMDOT	515000	REINFORCED CONCRETE FOR MINOR STRUCTURES	CY	10.00		
32	NMDOT	516000	FLOWABLE FILL	CY	10.00		
33	NMDOT	570467	STORM DRAIN CULVERT PIPE (42 INCH)	LF	1,028.00		

Addendum One

<u>Bid Item #</u>	<u>Spec. Type</u>	<u>Spec. #</u>	<u>Item Description</u>	<u>Unit</u>	<u>Est. Qty.</u>	<u>Unit Price</u>	<u>Total Amount</u>
34	NMDOT	570471	STORM DRAIN CULVERT PIPE END SECTION (42 INCH)	EACH	2.00		
35	NMDOT	570960	83" X 53" Class He-1 RCP Elliptical Storm Drain, CIP	LF	1,460.00		
36	NMDOT	570961	83'x53' Class He-1 RCP 66 Degree Bends CIP	EA	2.00		
37	NMDOT	601000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	1.00		
38	NMDOT	602000	RIPRAP CLASS A	CY	40.00		
39	NMDOT	602030	RIPRAP CLASS D	CY	40.00		
40	NMDOT	603250	DROP INLET PROTECTION TYPE I	EACH	3.00		
41	NMDOT	603262	COMPOSTED MULCH SOCKS	LF	1,000.00		
42	NMDOT	603281	SWPPP PLAN PREPARATION AND MAINTENANCE	LS	1.00		
43	NMDOT	606610	TCWB RETAINED BY THE CONTRACTOR (10 FT)	LF	200.00		
44	NMDOT	606619	RESETTING OF TCWB (10 FT)	LF	3,600.00		
45	NMDOT	608106	DRIVE PAD 6 INCH	SY	780.00		
46	NMDOT	609324	CONCRETE SLOPED CURB AND GUTTER 6 INCH X 24 INCH	LF	798.00		
47	NMDOT	609424	CONCRETE VERTICAL CURB AND GUTTER TYPE B, 6 INCH X 24 INCH	LF	1,876.00		
48	NMDOT	617000	VIBRATION MONITORING AND VIDEO RECORDING	LS	1.00		
49	NMDOT	617003	VIDEO RECORDING	LS	1.00		
50	NMDOT	618000	TRAFFIC CONTROL MANAGEMENT	LS	1.00		
51	NMDOT	621000	MOBILIZATION	LS	1.00		
52	NMDOT	623700	Quadruple Type C Modified Curb Inlet (Station 32+75) CIP	LS	1.00		
53	NMDOT	623701	Quadruple Type C Modified Curb Inlet (Station 37+64) CIP	LS	1.00		
54	NMDOT	623800	Storm Drain Junction Box (Sta. 29+99) CIP Include Smooth Grouted Transitions From CBC Both Inlet & Outlet, Grates, All Components Necessary	LS	1.00		
55	NMDOT	623900	NMDOT Modified 5'x10' MDI With Urban Grate (Sta. 33+02)	LS	1.00		
56	NMDOT	632000	CLASS A SEEDING	ACRE	1.00		
57	NMDOT	801000	CONSTRUCTION STAKING BY THE CONTRACTOR	LS	1.00		
58	NMDOT	902000	CONTRACTOR PROCESS QUALITY CONTROL	LS	1.00		

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<u>Bid Item #</u>	<u>Spec. Type</u>	<u>Spec. #</u>	<u>Item Description</u>	<u>Unit</u>	<u>Est. Qty.</u>	<u>Unit Price</u>	<u>Total Amount</u>
59	Other	1	Sealmaster - Rubberized Fog Seal Per Manufacturers Specifications	SF	3,260.00		
60	Other	2	Construction Project Sign	EA	2.00		
61	Other	3	Protection Of Project From Water During Construction	LS	1.00		
Base Bid Subtotal:							
NMGRT @ 7.6875%:							
Total for Base Bid including NMGRT:							

Additive Alternative 1

<u>Bid Item #</u>	<u>Spec. Type</u>	<u>Spec. #</u>	<u>Item Description</u>	<u>Unit</u>	<u>Est. Qty.</u>	<u>Unit Price</u>	<u>Total Amount</u>
62	CoRR	1000-000	UTILITY COORDINATION ALLOWANCE (See SC 12.03.F)	ALLOW	1.00	\$ 10,000.00	\$ 10,000.00
63	NMAPWA	801.03.02.05	8" C900 WATER LINE PIPE, INCL. TRENCH, COMPACTION & BACKFILL UP TO 6' DEPTH, COMPLETE-IN-PLACE (EXCLUDING FITTINGS).	LF	780.00		
64	NMAPWA	801.03.03.08	8" GATE VALVE, COMPLETE-IN-PLACE	EA	3.00		
65	NMAPWA	801.03.05.01	VALVE BOX ASSEMBLY, PER CORR STANDARD DETAIL W-5, COMPLETE-IN-PLACE	EA	3.00		
66	NMAPWA	801.03.07.01	FIRE HYDRANT ASSEMBLY, PER CORR STANDARD DETAIL W-15, COMPLETE-IN-PLACE	EA	2.00		
67	NMAPWA	801.22.04	DUCTILE IRON FITTINGS, ALL SIZE WATER LINE, COMPLETE-IN-PLACE	LB	2,100.00		
68	NMAPWA	801.22.11	VALVE BOX ADJUSTMENT	EA	1.00		
69	NMAPWA	801.22.12.01.08	WATER LINE CONNECTION, 8" NON-PRESSURIZED, COMPLETE-IN-PLACE	EA	1.00		
70	NMAPWA	801.22.13.02.03	MECHANICAL RESTRAINED JOINTS – HARNESS 8"	EA	43.00		
71	NMAPWA	801.22.13.02.14	MECHANICAL RESTRAINED JOINTS – GLAND 8"	EA	12.00		
72	NMAPWA	920.08.02.01	MANHOLE ELEVATION ADJUSTMENT	EA	4.00		
73	NMDOT	203000	UNCLASSIFIED EXCAVATION	CY	515.00		
74	NMDOT	207000	SUBGRADE PREPARATION	SY	2,165.00		
75	NMDOT	303000	BASE COURSE	TON	2,362.00		
76	NMDOT	407000	ASPHALT MATERIAL FOR TACK COAT	TON	0.90		
77	NMDOT	408100	PRIME COAT MATERIAL	TON	2.50		
78	NMDOT	414130	Cold Milling (Asphalt) 3"	SY	2,165.00		

Addendum One

<u>Bid Item #</u>	<u>Spec. Type</u>	<u>Spec. #</u>	<u>Item Description</u>	<u>Unit</u>	<u>Est. Qty.</u>	<u>Unit Price</u>	<u>Total Amount</u>
79	NMDOT	423282	HMA COMPLETE SP-III	TON	680.00		
80	NMDOT	603281	SWPPP PLAN PREPARATION AND MAINTENANCE	LS	1.00		
81	NMDOT	617000	VIBRATION MONITORING AND VIDEO RECORDING	LS	1.00		
82	NMDOT	617003	VIDEO RECORDING	LS	1.00		
83	NMDOT	618000	TRAFFIC CONTROL MANAGEMENT	LS	1.00		
84	NMDOT	801000	CONSTRUCTION STAKING BY THE CONTRACTOR	LS	1.00		
85	NMDOT	902000	CONTRACTOR PROCESS QUALITY CONTROL	LS	1.00		
Additive Alternate #1 Subtotal:							
NMGR @ 7.6875%:							
Total for Additive Alternate #1 including NMGR:							

Additive Alternative 2

<u>Bid Item #</u>	<u>Spec. Type</u>	<u>Spec. #</u>	<u>Item Description</u>	<u>Unit</u>	<u>Est. Qty.</u>	<u>Unit Price</u>	<u>Total Amount</u>
86	CoRR	1000-000	UTILITY COORDINATION ALLOWANCE (See SC 12.03.F)	ALLOW	1.00	\$ 10,000.00	\$ 10,000.00
87	NMAPWA	801.03.02.05	8" C900 WATER LINE PIPE, INCL. TRENCH, COMPACTION & BACKFILL UP TO 6' DEPTH, COMPLETE-IN-PLACE (EXCLUDING FITTINGS).	LF	656.00		
88	NMAPWA	801.03.03.08	8" GATE VALVE, COMPLETE-IN-PLACE	EA	3.00		
89	NMAPWA	801.03.05.01	VALVE BOX ASSEMBLY, PER CORR STANDARD DETAIL W-5, COMPLETE-IN-PLACE	EA	3.00		
90	NMAPWA	801.03.07.01	FIRE HYDRANT ASSEMBLY, PER CORR STANDARD DETAIL W-15, COMPLETE-IN-PLACE	EA	2.00		
91	NMAPWA	801.10.05.08	CUT AND CAP 8" WATER LINE, COMPLETE-IN-PLACE	EA	2.00		
92	NMAPWA	801.22.04	DUCTILE IRON FITTINGS, ALL SIZE WATER LINE, COMPLETE-IN-PLACE	LB	1,840.00		
93	NMAPWA	801.22.11	VALVE BOX ADJUSTMENT	EA	3.00		
94	NMAPWA	801.22.12.01.08	WATER LINE CONNECTION, 8" NON-PRESSURIZED, COMPLETE-IN-PLACE	EA	1.00		
95	NMAPWA	801.22.13.02.03	MECHANICAL RESTRAINED JOINTS – HARNESS 8"	EA	40.00		
96	NMAPWA	801.22.13.02.14	MECHANICAL RESTRAINED JOINTS – GLAND 8"	EA	10.00		

Addendum One

<u>Bid Item #</u>	<u>Spec. Type</u>	<u>Spec. #</u>	<u>Item Description</u>	<u>Unit</u>	<u>Est. Qty.</u>	<u>Unit Price</u>	<u>Total Amount</u>
97	NMAPWA	802.03.02.01	5/8" SERVICE LINE REPLACEMENT, INCL. TAPPING SADDLE & COPPER TUBING, SINGLE SERVICE PER CORR STANDARD DETAIL W-6, COMPLETE-IN-PLACE.	EA	1.00		
98	NMAPWA	920.08.02.01	MANHOLE ELEVATION ADJUSTMENT	EA	2.00		
99	NMDOT	203000	UNCLASSIFIED EXCAVATION	CY	830.00		
100	NMDOT	207000	SUBGRADE PREPARATION	SY	3,475.00		
101	NMDOT	303000	BASE COURSE	TON	1,160.00		
102	NMDOT	407000	ASPHALT MATERIAL FOR TACK COAT	TON	1.40		
103	NMDOT	408100	PRIME COAT MATERIAL	TON	2.80		
104	NMDOT	414130	Cold Milling (Asphalt) 3"	SY	3,475.00		
105	NMDOT	423282	HMA COMPLETE SP-III	TON	1,100.00		
106	NMDOT	603281	SWPPP PLAN PREPARATION AND MAINTENANCE	LS	1.00		
107	NMDOT	617000	VIBRATION MONITORING AND VIDEO RECORDING	LS	1.00		
108	NMDOT	617003	VIDEO RECORDING	LS	1.00		
109	NMDOT	618000	TRAFFIC CONTROL MANAGEMENT	LS	1.00		
110	NMDOT	801000	CONSTRUCTION STAKING BY THE CONTRACTOR	LS	1.00		
111	NMDOT	902000	CONTRACTOR PROCESS QUALITY CONTROL	LS	1.00		

Additive Alternate #2 Subtotal:

NMGRT @ 7.6875%:

Total for Additive Alternate #2 including NMGRT:

Base Bid Subtotal:

Additive Alternate #1 Subtotal:

Additive Alternate #2 Subtotal:

Overall Bid Subtotal:

NMGRT @ 7.6875%:

Total Bid Submission:

3. BIDDER acknowledges receipt of the following Addenda:

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

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

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

4. BIDDER agrees that this Bid Proposal may not be withdrawn for a period of sixty (60) calendar days after the scheduled closing time for receipt of bids.
5. If the Contract is to be awarded. OWNER will give the apparent Successful Bidder a Notice of Recommendation to Award within sixty (60) days after the scheduled closing time for receipt of bids.
6. Upon receipt of Notice of Recommendation to Award, BIDDER shall execute the formal Contract Documents within ten (10) days and deliver the Performance Bond, Labor and Material Payment Bond, and Certificates of Insurance as required herein.
7. The attached Bid Security is to become the property of the OWNER, in the event the Agreement and bonds are not executed within the time specified in this Bid Proposal, as liquidated damages for the delay and additional expenses caused to the OWNER.
8. BIDDER hereby agrees to commence Base Bid Work under this Contract in accordance with the Notice to Proceed from the OWNER and to substantially complete the Project as provided in the Contract Documents within **One Hundred Eighty (180)** consecutive calendar days after the date Contract Time begins as provided in the Contract Documents.

If Additive Alternates 1 or 2 are awarded, Contract Time will be extended by **Twenty (20)** consecutive calendar days for each Additive Alternate.

BIDDER further agrees to pay, as liquidated damages, the amount of **Two Thousand Five Hundred dollars (\$ 2,500.00)** for each consecutive calendar day thereafter as provided in the Supplementary Conditions.

9. BIDDER hereby declares that the only persons or firms interested in the Bid Proposal as principal or principles is or are named herein and that no other persons or firms than herein mentioned have any interest in the Bid or in the Contract to be entered into; that this Bid is made without collusion with any person, company, or parties making a bid or proposal; and that it is in all respects fair and in good faith without collusion or fraud.
10. BIDDER hereby agrees if awarded the Contract, to comply with the Affirmative Action/Equal Employment Opportunity and Nondiscrimination requirements of the Supplementary Conditions and to submit all information and reports required therein.

11. If requested, BIDDER agrees to furnish to the OWNER all information and data necessary for the OWNER to determine the ability of BIDDER to perform the Work.

This Bid is hereby respectfully submitted by:

Name of BIDDER

Federal Tax ID Number

By: Printed Name

Authorized Signature

Title

Date

Bidder's Mailing Address

Bidder's NM Contractor's License
Number(s) and Classifications(s)

Additional Address Information

City, State, Zip Code

Contractor's Department of Labor
Registration Number

Bidder's Telephone Number

Bidder's Fax Number

New Mexico State Corporation
Commission Number

Bidder's E-Mail Address

Bidder's Gross Receipts Tax No.

Data Universal Number System (DUNS) Number

BID ITEM DESCRIPTIONS & SPECIAL SPECIFICATIONS

ITEM DESCRIPTIONS.

The following descriptions further define and explain particular items identified on the bid schedule of the Bid Proposal. In the item descriptions, the “New Mexico State Highway and Transportation Department Standard Specifications for Highway and Bridge Construction,” 2014 Edition, or the NMAPWA 2006 version are the standard reference, unless otherwise noted.

Item 2 – 8” C900 Water Line

This item will be paid on LF basis. This item includes trenching, compaction, & backfill per NMAPWA Specifications. The water line and all services must be installed with coordination with all businesses, and water service interruptions must be scheduled and approved with CORR and business owners. The water line and service connections must be constructed prior to initiating the storm sewer. Water services are required to be constructed underneath some sections of storm drain, and these are required to be constructed with water line installation, prior to storm drain installation. The Contractor shall non-destructively pothole, locate and protect in place the NM Gas 4” Steel Line, which is shown to be approximately 3’ +/- behind curb. In all water line and service installation locations where the gas line is present, NM Gas shall be notified and a representative shall be present during this work.

Item 13-16, 97 – Water Service Line Replacements

This item will be paid on a per EA basis. This item includes trenching, compaction, & backfill per NMAPWA Specifications. The services must be installed with coordination with all businesses, and water service interruptions must be scheduled and approved with CORR and business owners. The service connections must be constructed prior to initiating the storm sewer. The contractor should study the detail for new service connections, the copper service line will be installed at a depth to allow the storm sewer to be installed after without additional service interruptions.

Item 18 – Manhole 8’ Diameter Type E

This item is not shown on the plans and may (or may not) be installed at the direction of the CORR Project Manager at the approximate mid-point of the 83’x53” RCP installation. Incidental to this item will be a reinforced concrete collar on both the upstream and downstream connection to transition the 83” width RCP into the 8’ diameter manhole. The item is paid per Each, and includes all work and fittings to be constructed complete in place.

Item 22 - Unclassified Excavation

This item will be paid per Cubic Yard (CY). This item includes the “cut” of excess existing roadway material (basecourse & subgrade), stockpiling as necessary, and

placement as fill material for the 8'x4' CBC outlet structure shown on Sheet 10-4. No payment for double handling of excavation material will be made.

Item 21 - Excavation and Backfill for Culverts & Minor Structures – 8'x4' Subgrade

This item will be paid on a per cubic yard (CY) basis. This item includes excavation and disposal of the existing subgrade and replacement with A-1-a material for the specified 8'x4' CBC subgrade. Payment is made one time for both the "cut" material CY as well as the "fill" A-1-a material CY, paid as a single CY.

Item 37 – Removal of Structures and Obstructions

This item will be paid on a Lump Sum (LS) basis. This item includes providing all equipment, labor and materials for removal of the following:

1. 2674 LF of Existing Curb & Gutter
2. 798 SY of Existing Concrete 6" Drive PAD
3. 3 Existing Fire Hydrants
4. 190 SY of existing 3" Pavement (Trench for 42" RCP across frontage road & parking lot)
5. Remove & Replace 20 LF of 6' Chain Link Fence (Trench for 42" RCP across frontage road & parking lot, may replace with existing)
6. Existing Quadruple Curb Drop Inlet (Sta. 29+99 Ind. Park Loop)
7. Single Curb Drop Inlet (Sta. 29+99 Ind. Park Loop)
8. Relocate 90 CY of concrete rubble at outfall of 8'x4' CBC (no more than 100 LF transport)
9. Remove, stockpile & replace six (6) - 3' diameter decorative rocks
10. Remove, stockpile & replace one (1) - 10' length x 3' width x 3' height concrete keystone block with lifting lugs

Item 43 – Temporary CWB Retained by the Contractor

This item will be paid on a LF Basis. CWB may be concrete or water filled material. The bid item assumes a 200 LF work zone, with resetting for two phases, water line work and storm sewer work on the base bid only.

Item 48 - Vibration Monitoring

The Contractor shall engage the services of a Professional Vibration Monitoring expert who is Pre-Qualified with the NMDOT. A vibration analysis will be conducted and recorded for the heaviest vibratory equipment to be utilized onsite, and a report provided indicating that potential onsite vibratory work will not cause structural damage. If the report finds that proposed equipment may cause structural damages to adjacent residences, compaction specifications may be altered.

Item 50 - Traffic Control Management

This item will be paid on a Lump Sum (LS) basis. Contractor shall prepare traffic control plans as may be required by the City of Rio Rancho. Traffic Control Plans shall be submitted to City of Rio Rancho and their approval obtained. Costs for preparing the Traffic Control Plan and any and all review, approval and permit fees

related to traffic control including Traffic Control construction (devices) and maintenance shall be included under this Bid Item. The Construction Phasing requirements shall be included under this bid item. Included in this item is installation and maintenance of a traffic control devices as necessary to complete the project.

Item 1 – Utility Coordination Allowance

This item will be paid on an allowance basis. If unforeseen utility conflicts are encountered, the contractor shall notify the owner, and coordinate with the appropriate utility for adjustment. Change order shall be submitted and approved by the owner prior to any payment under this item.

Item 36 - 83" x 53" Class He-1 RCP Elliptical Storm Drain, CIP

The Contractor shall non-destructively pothole, locate and protect in place the NM Gas 4" Steel Line, which is shown to be approximately 3' +/- behind curb. In all storm drain installation locations where the gas line is present, NM Gas shall be notified and a representative shall be present during this work.

Item 52 – Type C Modified Curb Inlet (Sta. 32+75) CIP

This item will be paid on a Lump Sum Basis. EA. Included and incidental to this lump sum item is all work and material required to construct the modified inlet including RCP riser, concrete, excavation, subgrade prep, reinforcing steel, grates and fittings.

Item 53 – Type C Modified Curb Inlet (Sta. 37+64) CIP

This item will be paid on a Lump Sum Basis. EA. Included and incidental to this lump sum item is all work and material required to construct the modified inlet including RCP riser, concrete, excavation, subgrade prep, reinforcing steel, grates and fittings.

Item 54 – Storm Drain Junction Box (sta. 29+99) CIP

This item will be paid on a Lump Sum Basis. EA. Included and incidental to this lump sum item is all work and material required to construct the modified inlet including concrete, excavation, subgrade prep, reinforcing steel, grates and fittings

Item 55 – NMDOT Modified 5'x10' MDI with Urban Grate (sta. 33+02) CIP

This item will be paid on a Lump Sum Basis. EA. Included and incidental to this lump sum item is all work and material required to construct the modified inlet including concrete, excavation, subgrade prep, reinforcing steel, grates and fittings

Item 17 – Existing Sanitary Sewer Service Reconnections

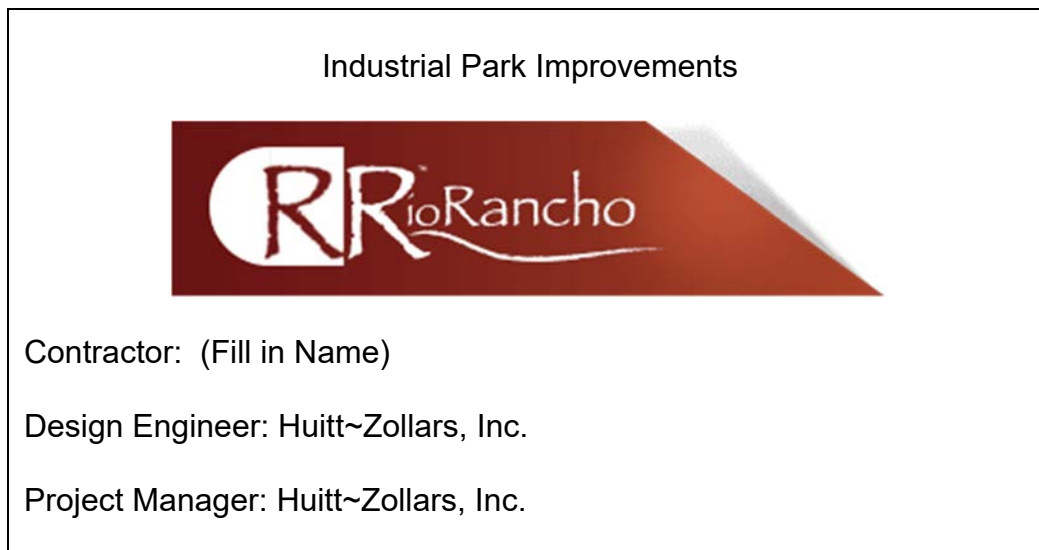
This item will be paid on a per EA basis. This item includes trenching, compaction, & backfill per NMAPWA Specifications. The sanitary connections must be installed with coordination with all businesses, and interruptions must be scheduled and approved with CORR and business owners. All work

Item 59 – Sealmaster Masterseal

This item will be paid on a Square Foot (SF) basis. Product to be applied per manufacturer's recommendations, at application rate of 70 square feet per gallon of mixed product.

Item 60 - Construction Project Sign

The Contractor shall erect one (1) 4'x8' sign in a conspicuous location as approved by the Project Manager. The sign shall be erected on 4" posts with the bottom of the sign 8' above ground level. The sign shall read:

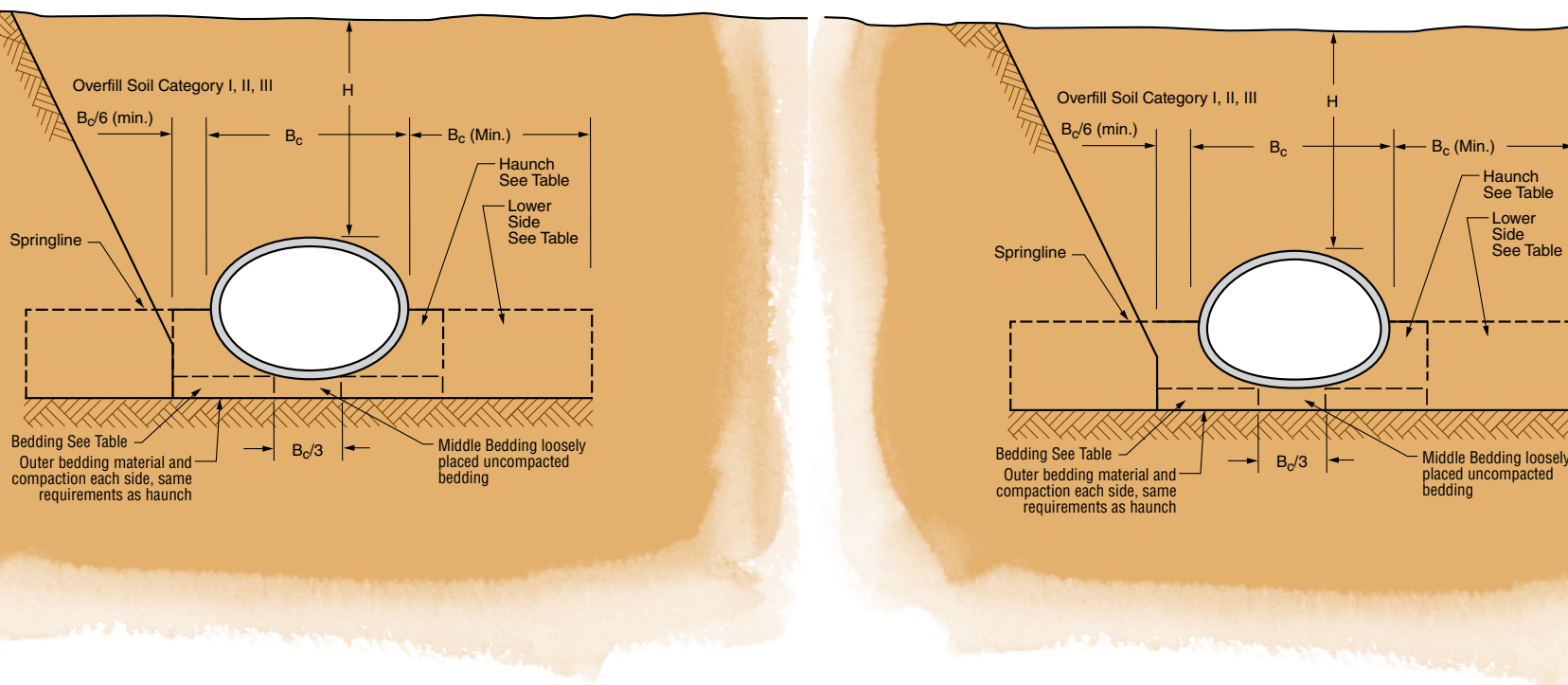


Item 61– Protection of Project from Water During Construction

This item will be paid on a Lump Sum (LS) basis. This item includes, but is not limited to, the construction and maintenance of all dikes and drainage ditches or other measures necessary for the care and diversion of storm water and the elimination of water and sediment from work areas. It includes all necessary pumping and other dewatering equipment required for dewatering the various work areas. These measures shall be confined within the construction limits.

Standard Trench/Embankment Installation

Concrete pipe should be installed in accordance with the AASHTO LRFD Bridge Construction Specifications, Section 27 or ASTM C1479. Figure 1 shows the basic pipe and soil terminology.



There are two types of Standard Installations for horizontal elliptical and arch concrete pipe, each with its own soil and compaction requirements. Type 2 bedding provides better support using well compacted granular material, while Type 3 provides for less support allowing the use of silts. These choices provide flexibility and versatility for the designer and contractor, as well as performance and economy for the owner that are not available with other types of pipe.

The soil and compaction requirements are provided in Table 1. Table 2 shows the equivalent soil designations per the Unified Soil Classification System (USCS) and AASHTO.

To facilitate your selection of the proper reinforced concrete pipe using the most beneficial Standard Installation for the conditions at the site, fill height tables are provided on the following pages. The required 0.01 inch crack D-Loads in units of lbs per linear foot per foot of span are provided numerically and the class of pipe per ASTM C506 (AASHTO M 206) or ASTM C507 (AASHTO M 207) meeting this requirement is designated by color of the cell.

Table 1: Standard Installation Soils and Minimum Compaction Requirements

Installation Type	Bedding Thickness	Haunch and Outer Bedding	Lower Side
Type 2	D _o /24 minimum, not less than 3" (75 mm) If rock foundation, use D _o /12 minimum, not less than 6" (150 mm)	90% Category I or 95% Category II	85% Category I, 90% Category II, or 95% Category III
Type 3	D _o /24 minimum, not less than 3" (75 mm) If rock foundation, use D _o /12 minimum, not less than 6" (150 mm)	85% Category I, 90% Category II, or 95% Category III	85% Category I, 90% Category II, or 95% Category III

Reference: AASHTO LRFD Bridge Construction Specifications, Section 27

Table 3: Reinforced Pipe Classes for 0.01 inch Crack Per ASTM C 506 (lbs/ft/ft)

Class A-II	≤ 1000
Class A-III	≤ 1350
Class A-IV	≤ 2000
Special Design	> 2000

Table 4: Reinforced Pipe Classes for 0.01 inch Crack Per ASTM C 507 (lbs/ft/ft)

Class HE-A	≤ 600
Class HE-I	≤ 800
Class HE-II	≤ 1000
Class HE-III	≤ 1350
Class HE-IV	≤ 2000
Special Design	> 2000

Table 2: Equivalent USCS and AASHTO Soil Classifications for Standard Installation Soil Designations

Representative Soil Types			Percent Compaction	
SIDD	USCS	AASHTO	Standard Proctor	Modified Proctor
Gravelly Sand (Category I)	SW, SP, GW, GP	A1, A3	100	95
			95	90
			90	85
			85	80
			80	75
61	59			
Sandy Silt (Category II)	GM, SM, ML, Also GC, SC with less than 20% passing #200 sieve	A2, A4	100	95
			95	90
			90	85
			85	80
			80	75
49	46			
Silty Clay (Category III)	CL, MH, GC, SC	A5, A6	100	90
			95	85
			90	80
			85	75
			80	70
45	40			
	CH Not allowed for haunch or bedding	A7	100	90
			95	85
			90	80
			45	40

Reference: AASHTO LRFD Bridge Construction Specifications, Section 27

NOTES:

1. Compaction and soil symbols – i.e. "95% Category I" refers to Category I soil material with a minimum Standard Proctor compaction of 95%. See Table 2 for equivalent Modified Proctor values.
2. Soil in the outer bedding, haunch, and lower side zones shall be compacted to at least the same compaction as the majority of soil in the overfill zone.