



CITY OF AZTEC
REQUEST FOR QUOTE #2022-808
THIS IS NOT AN ORDER

ADDENDUM #1 – EXTEND DUE DATE TO 04/25/22

DATE:	03/29/2022	SUBMIT QUOTES TO: CITY OF AZTEC Attn: Finance Dept 201 W. Chaco, Aztec, NM 87410 EMAIL: jgay@aztecnm.gov PHONE: (505) 334-7656 FAX: (505) 334-7649	QUESTIONS SHOULD BE DIRECTED TO: Denver DeWees 505-334-7667 ddewees@aztecnm.gov
RFQ #:	2022-808		
DUE DATE:	04/18/2022 04/25/2022		
TIME:	10:00 am		
NIGP CODE(S):	659-43, 659-33		

NAME OF COMPANY SUBMITTING QUOTE: _____

NEW MEXICO RESIDENT PREFERENCE	PAYMENT TERMS	DELIVERY/SERVICE ADDRESS
# _____	NET 30 DAYS AFTER RECEIPT OF INVOICE	402 South Light Plant Road Aztec NM 87410
NM Resident or Veteran Preference will be applied only to those certified vendors who enter # above AND attach current certificate.	DISCOUNT FOR EARLY PAYMENT: _____ % _____ DAYS	FOB DESTINATION – FREIGHT COSTS:
		Include all freight in quote. FOB Destination.

NOTES TO BIDDERS: Specific part numbers are indicated; specifications are attached; Equivalent will NOT be considered. City may award line items together or separately.

ITEM #	DESCRIPTION	QTY	UNIT	PRICE PER UNIT	EXTENDED PRICE	DELIVERY TIME AFTER ORDER
1	Southwire 63238599 4" HDPE SCH 40 Conduit, Empty Black	8,000	FT			
2	Southwire EL-400 4" E-LOC Coupling	18	EA			
3	Shipping costs shall be included in quote. CHECK ONE: <input type="checkbox"/> Freight IS included in pricing above. <input type="checkbox"/> Freight is NOT including in pricing above. List separately on this line:	1	EA			
Total:						

DATE OF QUOTE	
SUBMITTED BY (Printed Name)	
SIGNATURE (Bidder must sign to validate offer.)	
COMPANY NAME	
ADDRESS	
TELEPHONE	
EMAIL ADDRESS	
FED TAX ID NUMBER	
NM CRS ID NUMBER	

- RFQ shall be FOB Destination and must indicate normal lead time and/or best delivery date on the items listed. Shipping costs shall be included in quote. New Mexico laws prohibit acceptance of ownership of goods in transit.
- This RFQ and any required documents must be received by the Department indicated on the RFQ by the date and time indicated. RFQ's may be submitted via email, fax, USPS (or VendorRegistry.com if published there).
- All supplies and components quoted shall be new unless indicated otherwise. Any quotes submitted for used or reconditioned supplies or components will be considered non-responsive. Quotes must be valid for a minimum of 30 days.
- The RFQ Number shall appear on all quotations and related correspondence.
- New Mexico Resident & Veteran Vendor Preference: Preference will only be applied to those Bidders who have been issued a certification number from the State of New Mexico Taxation & Revenue Department and return a copy of their certificate with their quote. Veterans Preference is separate from the New Mexico resident preference and is not cumulative with that preference.
- Use of Contract by Other Agencies: Pursuant to Section 13-1-129, NMSA 1978, Bidders /Contractors /Offerors are hereby notified that any central purchasing office allowed by law and as otherwise allowed by their respective governing rules and regulations, may contract for the goods and/or services included in this procurement document with the awarded Bidder /Contractor /Offeror. Contractual engagements accomplished under this provision shall be solely between the Bidder /Contractor /Offeror and the contracting entity with no obligation by the City of Aztec.
- By law (Section 13-1-191, NMSA, 1978) the City is required to inform Vendors of the following: (1) it is a third-degree felony under New Mexico law to commit the offense of bribery of a public officer or public employee (Section 30-24-1, NMSA, 1978); (2) it is a third-degree felony to commit the offense of demanding or receiving a bribe by a public officer or public employee (Section 30-24-2, NMSA, 1978); (3) it is a fourth-degree felony to commit the offense of soliciting or receiving illegal kickbacks (Section 30-41-1, NMSA, 1978); (4) it is a fourth-degree felony to commit the offense of offering or paying illegal kickbacks (Section 30-41-2, NMSA, 1978).
- Conflict of Interest: Bidder warrants that it presently has no interest and will not acquire any interest, direct or indirect, which would conflict in any manner or degree with the performance of service under this contract. Bidder must notify the City's Chief Procurement Officer if any employee(s) of the requesting department or the Purchasing Office have a financial interest in the Bidder. If yes, the Bidder must specify the employee(s) name in their proposal.
- Debarment, Suspension, and Ineligibility: By submitting a response (RFQ/Bid/Offer) to this solicitation, the business (Bidder /Offeror /Contractor) represents and warrants that it is not debarred, suspended, or placed in ineligibility under the provisions of Federal Executive Order 12549.
- New vendors required to complete Vendor Packet <http://www.aztecnm.gov/purchasing/NewVendorPacket.pdf> prior to issuance of purchase order.

SMOOTH CONDUIT



Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

- HDPE conduit
- Available as Schedule 40, Schedule 80, SDR 11, and SDR 13.5
- Material meets or exceeds the requirements in ASTM D3350 for Class PE435540C (Black) or "E" (colors with UV Stabilizers).

APPLICATIONS AND FEATURES:

Commonly installed from transformer to transformer or as underground cables exiting substations

SPECIFICATIONS:

- ASTM D3350 Standard Specification for Polyethylene Plastics Pipe and Fittings Materials
- ASTM D3485 Standard Specification for Coilable High Density Polyethylene (HDPE) Cable in Conduit (CIC)
- ASTM F2160 Standard Specification for Solid Wall High Density Polyethylene (HDPE) Conduit Based on Controlled Outside Diameter (OD)
- UL 651: Meets or exceeds Standard for Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings
- UL 1990 Standard for Nonmetallic Underground Conduit with Conductors
- CSA *CSA marking is available upon request*
- NEMA TC-7 Smooth-Wall Coilable Electrical Polyethylene Conduit

EPEC 40 (Schedule 40)

NOMINAL SIZE	NOMINAL OUTSIDE DIAMETER	MINIMUM WALL THICKNESS	NOMINAL INSIDE DIAMETER	MINIMUM BENDING RADIUS	MAXIMUM PULLING TENSION	WEIGHT
inch	inch	inch	inch	inch	lbs	lbs/1000'
0.75	1.05	0.113	0.804	12	710	149
1	1.315	0.133	1.029	14	1050	219
1.25	1.66	0.14	1.36	18	1420	297
1.5	1.9	0.145	1.59	21	1700	354
2	2.375	0.154	2.047	26	2280	475
2.5	2.875	0.203	2.445	32	3615	749
3	3.5	0.216	3.042	39	4740	981
4	4.5	0.237	3.998	50	6745	1396



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Southwire **CABLETECH SUPPORT**
Services

SPEC 87010 DATE: 03/25/2022 15:07 UTC Rev:

EPEC 80 (Schedule 80)

NOMINAL SIZE	NOMINAL OUTSIDE DIAMETER	MINIMUM WALL THICKNESS	NOMINAL INSIDE DIAMETER	MINIMUM BENDING RADIUS	MAXIMUM PULLING TENSION	WEIGHT
inch	inch	inch	inch	inch	lbs	lbs/1000'
0.75	1.05	0.154	0.722	12	920	190
1	1.315	0.179	0.936	14	1360	279
1.25	1.66	0.191	1.255	18	1870	386
1.5	1.9	0.2	1.476	21	2275	468
2	2.375	0.218	1.913	26	3145	648
2.5	2.875	0.276	2.29	32	4780	989
3	3.5	0.3	2.864	39	6420	1325
4	4.5	0.337	3.786	50	9365	1936

EPEC 11 (SDR 11)

NOMINAL SIZE	NOMINAL OUTSIDE DIAMETER	MINIMUM WALL THICKNESS	NOMINAL INSIDE DIAMETER	MINIMUM BENDING RADIUS	MAXIMUM PULLING TENSION	WEIGHT
inch	inch	inch	inch	inch	lbs	lbs/1000'
0.75	1.05	0.095	0.84	12	605	130
1	1.315	0.12	1.055	14	960	202
1.25	1.66	0.151	1.338	18	1520	316
1.5	1.9	0.173	1.533	21	1995	412
2	2.375	0.216	1.917	26	3125	643
2.5	2.875	0.261	2.322	32	4550	941
3	3.5	0.318	2.826	39	6760	1395
4	4.5	0.409	3.633	50	11170	2308

EPEC 13.5 (SDR 13.5)

NOMINAL SIZE	NOMINAL OUTSIDE DIAMETER	MINIMUM WALL THICKNESS	NOMINAL INSIDE DIAMETER	MINIMUM BENDING RADIUS	MAXIMUM PULLING TENSION	WEIGHT
inch	inch	inch	inch	inch	lbs	lbs/1000'
0.75	1.05	0.078	0.874	12	505	111
1	1.315	0.097	1.101	14	790	169
1.25	1.66	0.123	1.394	18	1260	266
1.5	1.9	0.141	1.598	21	1655	346
2	2.375	0.176	2.002	26	2585	534
2.5	2.875	0.213	2.423	32	3785	784
3	3.5	0.259	2.951	39	5610	1159
4	4.5	0.333	3.794	50	9265	1916



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Southwire **CABLETECH SUPPORT**

Services

SPEC 87010 DATE: 03/25/2022 15:07 UTC Rev:

Options

- Available in sizes 3/4" through 4"
- Smooth
- Smooth with pull tape
- Available with UL markings on 3/4" through 4" Schedule 40 & 80 conduit
- Color options: black, red, orange, gray. Striping is also available.
- Available with pull tape pre-installed to eliminate the time and labor of having to install it in the field.

Color Options

Conduit	Fiber Optic Cable	Colors	orange
	CATV/Telephone		orange
	Electric		black, gray, red

Other Properties

Property	Test Method	Value
Density	D4883	.953 g/cc
Melt Index	D1238	.25 g/10 min
Flexural Modulus	D790	168,000 psi
Tensile Strength	D638	3900 yield @ 2 in/min
SP-NCLS ESCR	F2136	>1000 hrs
Hydrostatic Design Basis	D2837	N/A



SMOOTH CONDUIT & SMOOTH CONDUIT WITH PULL TAPE

SMOOTH



SMOOTH WITH PULL TAPE



APPLICATIONS

- Commonly installed from transformer to transformer or as underground cables exiting substations

INDUSTRY APPROVALS

- Smooth wall ducts are made of high-density polyethylene resin meeting the requirements of ASTM D 3350.
- All conduit is manufactured in accordance with ASTM F 2160.
- Standard wall conduit comes in a variety of color options and is made in accordance with NEMA TC-7 and ASTM D 3485.
- Material meets or exceeds the requirements in ASTM D3350 for Class PE435540C (Black) or "E" (colors with UV Stabilizers).
- UL Listed

CONSTRUCTION

- HDPE conduit
- Available as Schedule 40, Schedule 80, SDR 11, and SDR 13.5

OPTIONS

- Available in sizes 3/4" through 4"
- Smooth
- Smooth with pull tape
- Available with UL markings on 3/4" through 3" Schedule 40 conduit
- Color options: black, red, orange, gray. Striping is also available.
- Available with pull tape pre-installed to eliminate the time and labor of having to install it in the field

HDPE Conduit

Smooth

Smooth with Pull Tape

UL Listed

Color Options Available:
Black, Red, Orange, Gray

Striping is Available

CONDUIT		COLORS		COLOR OPTIONS	
Fiber Optic Cable		orange			
CATV/Telephone		orange			
Electric		black, gray, red			

PROPERTY	TEST METHOD	VALUE
Density	D4883	.953 g/cc
Melt Index	D1238	.25 g/10 min
Flexural Modulus	D790	168,000 psi
Tensile Strength	D638	3900 yield @ 2 in/min
SP-NCLS ESCR	F2136	>1000 hrs
Hydrostatic Design Basis	D2837	N/A



WEIGHTS AND MEASUREMENTS

NOMINAL SIZE (inch)	NOMINAL OUTSIDE DIAMETER (inch)	MINIMUM WALL THICKNESS (inch)	NOMINAL INSIDE DIAMETER (inch)	MINIMUM BENDING RADIUS (inch)	MAXIMUM PULLING TENSION (lbs)	WEIGHT (lbs/1000 ft)
SCHEDULE 40						
0.75	1.050	0.113	0.804	12	710	149
1.00	1.315	0.133	1.029	14	1050	219
1.25	1.660	0.140	1.360	18	1420	297
1.50	1.900	0.145	1.590	21	1700	354
2.00	2.375	0.154	2.047	26	2280	475
2.50	2.875	0.203	2.445	32	3615	749
3.00	3.500	0.216	3.042	39	4740	981
4.00	4.500	0.237	3.998	50	6745	1396
SCHEDULE 80						
0.75	1.050	0.154	0.722	12	920	190
1.00	1.315	0.179	0.936	14	1360	279
1.25	1.660	0.191	1.255	18	1870	386
1.50	1.900	0.200	1.476	21	2275	468
2.00	2.375	0.218	1.913	26	3145	648
2.50	2.875	0.276	2.290	32	4780	989
3.00	3.500	0.300	2.864	39	6420	1325
4.00	4.500	0.337	3.786	50	9365	1936
SDR 11						
0.75	1.050	0.095	0.840	12	605	130
1.00	1.315	0.120	1.055	14	960	202
1.25	1.660	0.151	1.338	18	1520	316
1.50	1.900	0.173	1.533	21	1995	412
2.00	2.375	0.216	1.917	26	3125	643
2.50	2.875	0.261	2.322	32	4550	941
3.00	3.500	0.318	2.826	39	6760	1395
4.00	4.500	0.409	3.633	50	11170	2308
SDR 13.5						
0.75	1.050	0.078	0.874	12	505	111
1.00	1.315	0.097	1.101	14	790	169
1.25	1.660	0.123	1.394	18	1260	266
1.50	1.900	0.141	1.598	21	1655	346
2.00	2.375	0.176	2.002	26	2585	534
2.50	2.875	0.213	2.423	32	3785	784
3.00	3.500	0.259	2.951	39	5610	1159
4.00	4.500	0.333	3.794	50	9265	1916

E-LOC & E-LOC TRANSITION COUPLINGS

E-LOC
COUPLINGS



E-LOC
TRANSITION
COUPLINGS



**Watertight/Airtight
Connection**

**Ability to Join
Dissimilar Materials**

Easy Installation

**Custom Lengths and
Non-Standard IPS
Diameters Available**

APPLICATIONS

- The E-Loc Coupling is a compression coupling that provides a watertight/airtight connection in buried, or restrained applications. The ability to join dissimilar materials, such as PVC, HDPE, fiberglass, or metal, makes the E-Loc a versatile coupling for the telephone, electrical, and cable industries. Patented.
- E-Loc Couplings are available to fit conduit sizes from 3/4" through 4". Easy to install without the need for additional tools or equipment. Watertight to 200 psi restrained on smooth wall conduit. Also seals on ribbed and corrugated duct. Custom lengths and non-standard IPS diameters are available. Allows for transitions between different materials with one coupling.
- E-Loc Transition Couplings have all the great features of an E-Loc Coupling while providing a transition from one size conduit to another. This includes the ability to transition to dissimilar materials such as PVC, HDPE, fiberglass, and metal. Allows for transitions between different sizes and materials with one coupling.

PRODUCT DETAILS

- Can join ducts made from dissimilar materials
- Can withstand 200 psi restrained on smooth wall conduit
- Size range from 3/4" through 4"
- Transitions between sizes available
- No additional tooling required for installation



**CONDUIT
ACCESSORIES**

E-LOC & E-LOC TRANSITION COUPLINGS

E-LOC COUPLINGS

WEIGHTS, MEASUREMENTS, AND PACKAGING						
REFERENCE	NOMINAL SIZE (inch)	STANDARD DUCT SIZE	COUPLING BODY O.D. (inch)	LENGTH (inch)	PIECES PER CARTON	WEIGHT PER CARTON (lbs)
EL-105	0.750	1.050" 3/4" IPS	1.315	4.500	100	28
EL-131	1.000	1.315" 1" IPS & SCH 40	2.000	5.250	50	23
EL-166	1.250	1.660" 1.25" IPS	2.400	5.250	50	28
EL-190	1.500	1.900" 1.5" IPS	2.650	6.000	25	19
EL-237	2.000	2.375" 2" IPS	3.170	6.000	25	25
EL-287	2.500	2.875" 2.5" IPS	3.500	6.000	24	46
EL-350	3.000	3.500" 3" IPS	4.500	6.000	18	38
EL-350-8	3.000	3.500" 3" IPS x 8" LG	4.500	8.000	12	42
EL-350-12	3.000	3.500" 3" IPS x 12" LG	4.500	12.00	12	50
ELR-350	3.000	3.500" REPAIR SLEEVE	4.500	6.000	18	38
EL-400	4.000	4.500" 4" IPS	5.563	6.000	12	34

*Standard coupling length is 6" unless noted otherwise.

E-LOC TRANSITION COUPLINGS

DESCRIPTIONS	
REFERENCE	DESCRIPTION
ELA-166105	CPLG, E-LOC TRANS 1.660" x 1.050"
ELA-166131	CPLG, E-LOC TRANS 1.660" x 1.315"
ELA-190131	CPLG, E-LOC TRANS 1.900" x 1.315"
ELA-190166	CPLG, E-LOC TRANS 1.900" x 1.660"
ELA-237131	CPLG, E-LOC TRANS 2.375" x 1.315"
ELA-237166	CPLG, E-LOC TRANS 2.375" x 1.660"
ELA-237190	CPLG, E-LOC TRANS 2.375" x 1.900"
ELA-287237	CPLG, E-LOC TRANS 2.875" x 2.375"
ELA-350190	CPLG, E-LOC TRANS 3.500" x 1.900"
ELA-350237	CPLG, E-LOC TRANS 3.500" x 2.375"
ELA-350287	CPLG, E-LOC TRANS 3.500" x 2.875"
ELA-450237	CPLG, E-LOC TRANS 4.500" x 2.375"
ELA-450287	CPLG, E-LOC TRANS 4.500" x 2.875"
ELA-450350	CPLG, E-LOC TRANS 4.500" x 3.500"