



ITB-15-01
ADDENDUM #3 *FHM*
KIPLING MULTI-USE TRAIL

Date: February 13, 2015
Bid Number: ITB-15-01 **City Project Number:** S-03-11 **CDOT Project Number:** STU 391A-008(18583)
Bid Due Date: **TUESDAY, FEBRUARY 24, 2015 BY 1:00 PM OUR CLOCK**

The following information is provided to all prospective bidders and is hereby made a part of the above bid documents. Bidders must acknowledge this Addendum with their bid. It is a total of 8 pages, including attachments.

CLARIFICATION, ADDITIONAL INFORMATION, AND CHANGES:

Question: Will the City be posting plans and details? If so, using RMEP?

Answer: The detailed plans are located on the City's ftp site, as follows:

<ftp://ftp.ci.wheatridge.co.us/outbox/>

username: cowrftp

password: cowrftp2012

file name: ITB-15-01 Kipling Multi-Use Trail

Click "View" in menu bar, then choose "Open FTP Site" in File Explorer. Re-enter username and password. Download to desktop, then open with Acrobat Reader 10.

Question: Do Davis-Bacon wages apply?

Answer: Yes, this is a federally funded project and Davis-Bacon wage rates do apply. See pages 152 – 159 for wage rates specific to this project.

Question: The City asked why Force Accounts are not included on the bid submittal (price) sheets.

Answer: Force Accounts (FA) are not included on the bid item sheet as this work is not guaranteed work.

Question: We at Cameron Bridge Works, LLC (Formerly Echo Bridge, Inc.) would like to be considered an approved equal for the pedestrian bridge in the above named project.

Cameron Bridge Works, LLC

1051 South Main Street

Elmira, NY 14904

607-734-9456

www.cameronbridgeworks.com

Answer: This vendor is acceptable for the type of construction proposed for the bridge, with the understanding that this vendor will be engaged through the selected contractor – and their project submittal materials will be reviewed as a construction submittal.

Question: Is the bridge to be weathering steel per the specifications, or a painted steel finish per the structural plans?

Specifications: (Indicate a weathering steel finish)

Under the "Description" Section 628.01 states.....a welded, **self-weathering steel**, truss pedestrian bridge
Under the "Materials" Section 628.02, second paragraph states...."All square and rectangular steel tubing shall conform to the requirements of **ASTM A847**, Cold Formed Welded and Seamless High Strength, Low Alloy Structural Tubing with Atmospheric Corrosion Resistance."

Structural Plans: (Indicate a painted steel finish)

Structural Steel:

Under the Design Data..... "AASHTO M270 (ASTM **A709**) Grade 36: fy = 36,000 psi"

"AASHTO M270 (ASTM **A709**) Grade 50: fy = 50,000 psi"

BRIDGE COLOR TABLE....."Bridge Structure"....treatment is Paint for structural steel; submit color wheel for selection

Answer: The pedestrian bridge shall be built of weathering steel, per the specifications.

Question: Regarding caissons, and testing, apparently there is a conflict in the information given on pages 209 and 213. Please clarify what is needed.

Answer: Page 209 has been revised to require the CSL testing. See attached revised page 209.

Question: Is the stone veneer and concrete staining incidental to the work, or extra?

Answer: It is incidental to the work and should be included in the unit price for the Bid Item 511 Concrete Pilaster.

Question: Regarding import material, page 198: is it to be R8 or R20?

Answer: As noted on page 198, the import material shall meet R8.

Question: Where does the Bid Item for Class 6 ABC go? I didn't see a typical pavement section in the drawings so could this be clarified? Is it under the Asphalt Pavement or Concrete Pavement or both?

Answer: Bid Item 304 Aggregate Base Course (Class6) is a contingency item to be used if a weak subgrade is encountered that needs to be stabilized.

Question: The bid item for 38 cy Class B concrete: what is this item for? Is this for the pedestrian bridge deck and the extra thick sidewalk over the concrete box culvert or ?

Answer: Bid item 601a has been deleted, see attached revised page 23.

Question: What, if any, reinforcement is required within the Concrete Pavement? This seems to be concrete patching or driveway concrete and may only require mesh, or fiber or?

Answer: Bid Item 412 Concrete Pavement (8") (Fast Track) is to be used for the driveways and is non reinforced.

Question: Is City doing the testing?

Answer: Contractor is responsible for testing of all materials in accordance with City Special Provision 720 starting on page 239. The City will be hiring a CDOT-qualified consultant to perform QA/QC testing and also Independent Assurance testing.

Question: Bid item #202q; Clean Culvert Special has a unit of "square feet". Specifications is "Each". I assume it's each but could you clarify?

Answer: The unit for Bid Item 202q should be "EA", see attached revised page 21.

Question: Regarding the storm drain piping, I see that the bid schedule lists RCP; however, the specifications mention that numerous other pipe types are acceptable for storm drain pipe. Please confirm which pipe materials are acceptable.

Answer: RCP is the only allowed pipe type under pavement. The other pipe types would be allowed if not under pavement.

Question: The bid tab calls for 369 LF of Hand railing. When I looked through the plans I found 3 places where it calls it out. Sheet 25 176 LF of Hand Railing on top of the concrete retaining wall, sheet 29 175 LF of Hand Railing on top of the concrete retaining wall, and sheet 30 calls for 115 LF of Hand Railing by the corner of Kipling Street and 41st Ave. These three places add up to 466 LF of Hand Railing, if you could please clarify where the 369 LF is exactly that would be a big help.

Answer: The quantity for Bid Item 514 Hand Railing should be 466 LF, see attached revised page 23.

Question: Page 227 of the specs; Section 617 Miscellaneous Construction – Are the ornamental items (i.e., benches, trash receptacles, bike racks, and bollards) for install only, or are we supposed to supply them as well? It doesn't specify, so can you please clarify?

Answer: All of the Bid Items 617 are supply and install. Bid Item 617e Bike Shelter is a design-build item and should match the other structures at Discovery Park.

Question: Does the City have a standard lighting fixture?

Answer: Yes, see attached. Street and Pedestrian lights will need to meet the City standard or approved equal. The City standard was installed recently installed at 32nd & Youngfield and at 44th and Vance.

Question: Are there any electrical drawings on this project?

Answer: No, all electrical work will be done as a design-build by the contractor.

Question: Is there anywhere shown that defines the scope of the utility company and the scope of the electrical contractor?

Answer: No, Xcel will install the meter and the power supply to the meter. The contractor will be responsible for all of the other work.

Question: There is no information on the plans as to where to get power. Will that information be provided?

Answer: For the segments north of 38th Avenue, the existing overhead power lines will be relocated to the east, so overhead power will still be available along that segment. For the segment between 34th and 35th Avenues, power is available at mid-block. For the segment between 32nd and 34th Avenues, power is available at 32nd Avenue.

Question: The bid form shows 7 metered services. Are there drawings that indicate the point of connection to the utility company and the location of the metered service?

Answer: See response above on power availability. It is anticipated that up to seven separate meters and services will be required for the pedestrian and street lights.

Question: Is there any design done on wire sizes to services and branch lighting feeds?

Answer: No, all electrical work will be done as a design-build by the contractor. All of the fixtures are LED.

Question: Are there special license requirements to install the pedestrian push button stations?

Answer: Not by the City. CDOT may have additional requirements.

Visit our City website for prebid sign in sheet, addendum, plan holders list and project updates:

www.ci.wheatridge.co.us

POINT OF CONTACT: Jennifer Nellis, Purchasing Agent, jnellis@ci.wheatridge.co.us, fax 303-234-5924, or phone 303-235-2811. Do not contact the user department, consultant, or any other staff.

ADDENDA

Bidder acknowledges receipt of the following Addenda:

BID SCHEDULE COMPANY SUBMITTING BID _____
ITB-15-01
PROJECT #S-03-11

Bidder agrees to perform all the work described in the Contract Documents for the following unit prices or lump sums.

ITEM NO.	PAY ITEM	ESTIMATED QUANTITY	UNIT	UNIT PRICE	EXTENSION
201	Clearing and Grubbing	1	LS	\$ _____	\$ _____
202a	Removal of Asphalt Mat (Full Depth)	265	SY	\$ _____	\$ _____
202b	Removal of Concrete Pavement	441	SY	\$ _____	\$ _____
202c	Removal of Concrete Sidewalk	933	SY	\$ _____	\$ _____
202d	Removal of Curb & Gutter	656	LF	\$ _____	\$ _____
202e	Removal of Concrete Trickle Channel	90	SY	\$ _____	\$ _____
202f	Removal of Fence (Wood)	234	LF	\$ _____	\$ _____
202g	Removal of Fence (Chain link)	7	LF	\$ _____	\$ _____
202h	Removal of Tree (<12")	11	EA	\$ _____	\$ _____
202i	Removal of Tree (>12")	11	EA	\$ _____	\$ _____
202j	Removal of Sprinkler Head	4	EA	\$ _____	\$ _____
202k	Removal of Guard Rail (Type 3)	115	LF	\$ _____	\$ _____
202l	Removal of Sound Wall	90	LF	\$ _____	\$ _____
202m	Removal of Modular Block Wall	17	LF	\$ _____	\$ _____
202n	Removal of Utility Pole	9	EA	\$ _____	\$ _____
202o	Removal of Bollards	3	EA	\$ _____	\$ _____
202p	Removal of Pavement Markings	2,528	SF	\$ _____	\$ _____
202q	Clean Culvert Special	14	SFEA	\$ _____	\$ _____
203a	Unclassified Excavation	500	CY	\$ _____	\$ _____
203b	Unclassified Excavation (Waste)	500	CY	\$ _____	\$ _____
203c	Embankment Material	400	CY	\$ _____	\$ _____
SUBTOTAL THIS PAGE				\$ _____	\$ _____

COMPANY SUBMITTING BID _____

306	Reconditioning & Proofrolling	5,559	SY	\$	\$
403	Hot Mix Asphalt (Patching – 9")	9	SY	\$	\$
412	Concrete Pavement (8") (Fast Track)	401	SY	\$	\$
503	Drilled Caissons (36")	44	LF	\$	\$
506	Rip Rap (18")	10	CY	\$	\$
511	Concrete Pilaster	4	EA	\$	\$
514	Hand Railing	369466	LF	\$	\$
601a	Concrete (Class B)	38	CY	\$	\$
601b	Concrete (Class D Special)	26	CY	\$	\$
601c	Concrete Retaining Wall	80	SY	\$	\$
602	Reinforcing Steel	3,900	LB	\$	\$
603a	18" RCP	133	LF	\$	\$
603b	10" PVC pipe burst	650	LF	\$	\$
603c	24" PVC	40	LF	\$	\$
603d	Concrete Headwall	1	EA	\$	\$
603e	Trench Foundation Material	10	TON	\$	\$
604a	Inlet (Type R) (10 Foot)	2	EA	\$	\$
604b	Manhole Slab Base (15 Foot)	1	EA	\$	\$
604c	Irrigation Box (5 Foot)	1	EA	\$	\$
607	Fence (Wood)	327	LF	\$	\$
608a	Concrete Sidewalk (6")	3,517	SY	\$	\$
608b	Curb Ramp (Type 1B Modified)	7	EA	\$	\$
608c	Curb Ramp (Type 1B Modified) (Special)	5	EA	\$	\$
608d	Perpendicular Curb Ramp within Sidewalk	2	EA	\$	\$
608e	Curb Ramp (Midblock)	2	EA	\$	\$
609a	Vertical Curb & Gutter (Type 2)	718	LF	\$	\$
609b	Concrete Trickle Channel	54	SY	\$	\$
609b	Forebay Channel	97	SY	\$	\$
613a	Pedestrian Light Concrete Base	47	EA	\$	\$
SUBTOTAL THIS PAGE				\$	\$

include calcium chloride unless approved by the Engineer. All other requirements for the class of concrete specified shall be met.

When not specified or required at the direction of the Engineer, Fast Track Concrete may be used at the option and expense of the Contractor.

In subsection 412.12 delete the paragraph (d)

In subsection 412.14 delete the first sentence of the first paragraph and replace with the following:

Immediately after the finishing operations have been completed, the entire surface, including tined grooves and exposed sides of the newly placed concrete, shall be sprayed uniformly with an impervious membrane curing compound. The impervious membrane compound shall meet the requirements of AASHTO M 148, Type 2 and shall be volatile organic content (VOC) compliant.

Delete subsection 412.17 and replace with the following:

412.17 Surface Smoothness. The roadway surface smoothness shall be tested with a 10 foot straight edge as described in the Ten- Foot Straight Edge Method.

Subsection 412.18 shall include the following:

Mastic joint sealer is not considered suitable for joint material in concrete pavement. Joint material will be silicone based and shall be recommended for this usage by the manufacturer.

Subsection 412.23 shall include the following:

Concrete Pavement (Fast Track) will be paid at the same price as Concrete Pavement unless it is required by the Contract Documents or its use is directed by the Engineer.

Subsection 412.24 shall include the following:

Pay Item	Pay Unit
Concrete Pavement (Fast Track ____ Inch)	Square Yard

REVISION OF SECTION 503 DRILLED CAISSONS

Section 503 of the Standard Specifications is hereby revised for this project as follows:

Subsection 503.03 shall include the following:

If groundwater is encountered during excavation activities, holes containing groundwater shall be dewatered in accordance with Section 211.

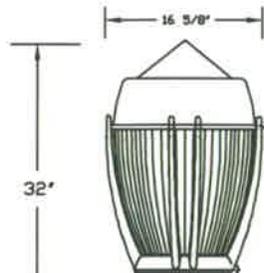
Subsection 503.04 shall include the following:

Cross-Hole Sonic Logging

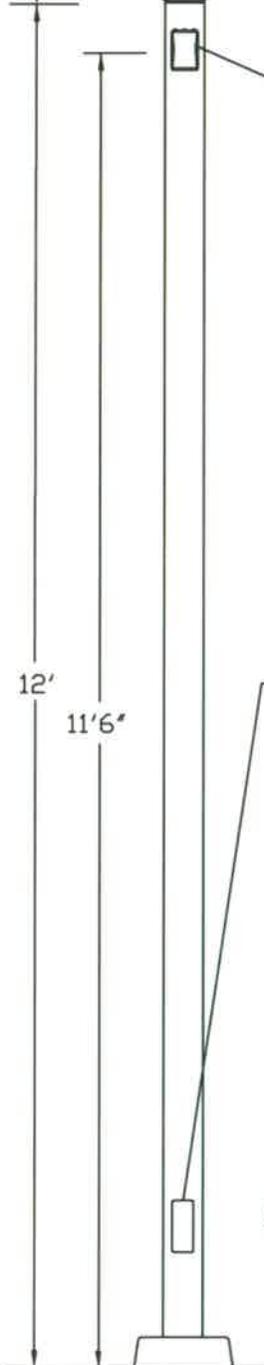
(a) *General Requirements.*

The nondestructive testing method called Cross-hole Sonic Logging (CSL) is ~~not required unless requested by the Department or the Engineer.~~ CSL tubes shall be installed in every caisson.

The testing shall not be conducted until twenty-four hours after the placement of all concrete in a shaft, and must be completed within 7 calendar days after placement on production drilled shafts. The Engineer may specify a longer minimum time if special retarders, mix designs, or other factors result in slower-setting concrete and the contractor can demonstrate debonding will not occur between the concrete and CSL tube.



HADCO C8889-40LED Cutoff LED Fixture
 PART# C8889-CL52-40LED-"A" BLACK
 (ON 3"OD X 3"HIGH TENON)

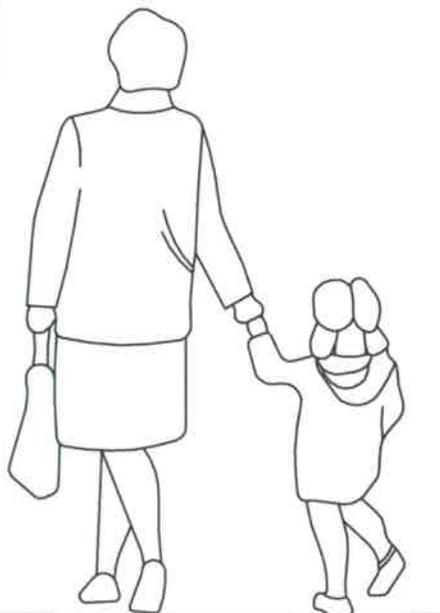


GFI DUPLEX RECEPTACLE W/ TAYMAC
 ML400G "IN USE" WEATHERPROOF COVER.

POLE SPECIFICATIONS:

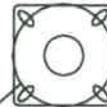
POLE BY MOUNTAIN STATES LIGHTING
 Outside Diameter - 4"
 Material - Aluminum Pole with Anchor Bolt cover
 Wall Thickness: .22" MINIMUM
 EPA - Minimum 20 in 80 MPH zone
 Part #12SRA-4.0(220)-TEN/3"X3"-GFI-VBC-ABC-BK
 FINISH: BLACK PAINTED

HANDHOLE 2 1/2" X 6"



ANCHOR PLATE DETAIL

4 Bolts at 90 Degrees
 3/4" Dia x 18" Long x 3" Hook
 Bolts to have a 3.5" projection
 out of the concrete.



ANCHOR BASE DETAIL
 8" BOLT CIRCLE
 7/8" x 1" HOLES TO
 ACCOMMODATE UP TO 3/4" DIA BOLT

REVISIONS: Customer decided black color on 1-12-12 & added GFI

MOUNTAIN STATES LIGHTING

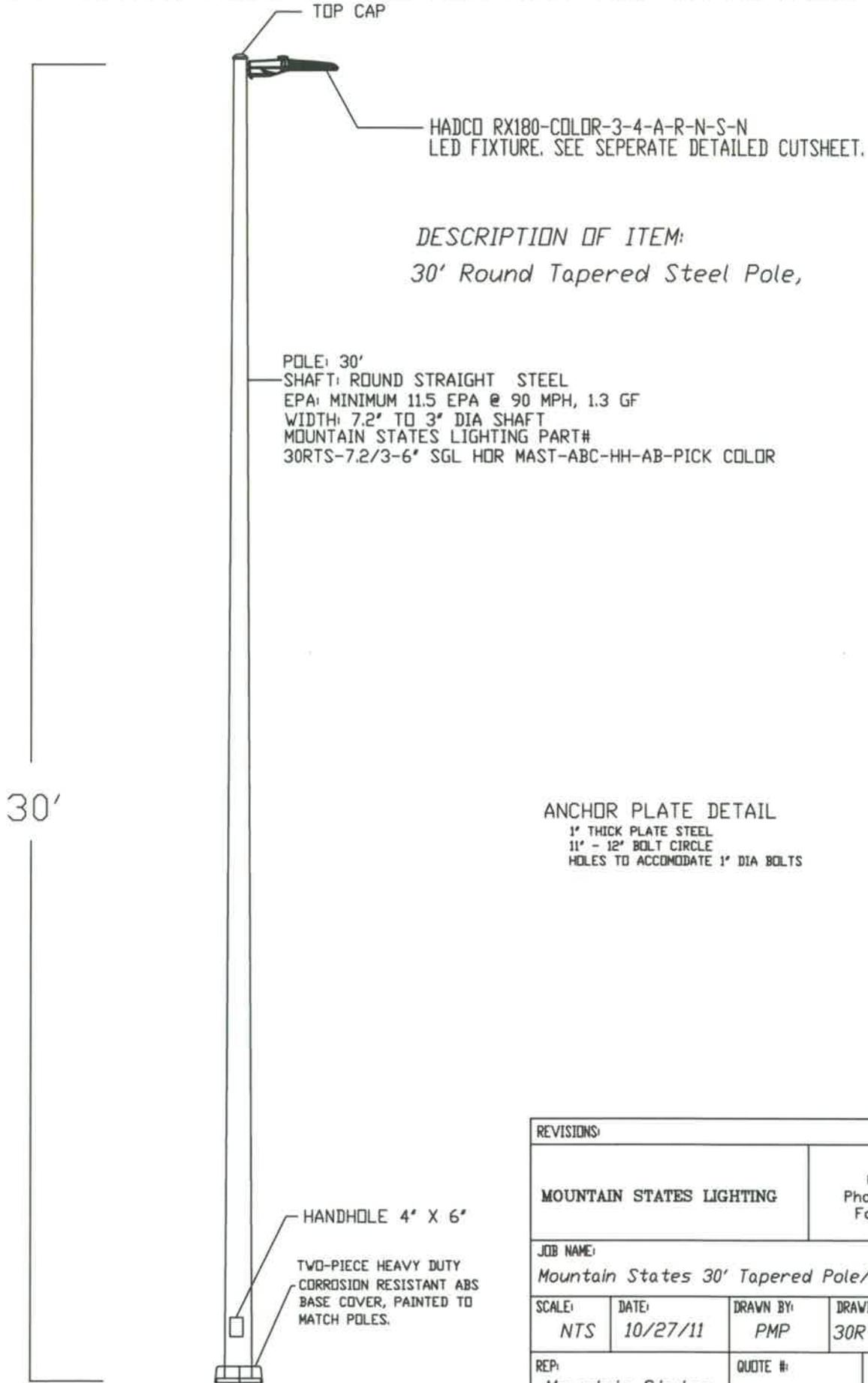
P.O. Box 449
 Corifer, CO 80433
 Phone 303-838-4430
 Fax 801-605-9058

JOB NAME:
 Wheatridge Town Ctr N. Proposed LED Fixture/Pole

SCALE: NTS	DATE: 10/26/11	DRAWN BY: PMP	DRAWING NUMBER: 12SRA-UX1-WR
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REP: Mountain States	QUOTE #:	DIST.:
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MANUFACTURER: MOUNTAIN STATES LIGHTING
 PART #30RTS 7.2/3-6" SGL HDR MAST-ABC-HH-AB-PICK COLOR



DESCRIPTION OF ITEM:
 30' Round Tapered Steel Pole,

POLE: 30'
 SHAFT: ROUND STRAIGHT STEEL
 EPA: MINIMUM 11.5 EPA @ 90 MPH, 1.3 GF
 WIDTH: 7.2' TO 3' DIA SHAFT
 MOUNTAIN STATES LIGHTING PART#
 30RTS-7.2/3-6" SGL HDR MAST-ABC-HH-AB-PICK COLOR

ANCHOR PLATE DETAIL
 1" THICK PLATE STEEL
 11" - 12" BOLT CIRCLE
 HOLES TO ACCOMMODATE 1" DIA BOLTS

REVISIONS:		P.O. Box 449 Conifer, CO 80433 Phone 303-838-4430 Fax 801-605-9058	
MOUNTAIN STATES LIGHTING			
JOB NAME: Mountain States 30' Tapered Pole/RX180LED			
SCALE: NTS	DATE: 10/27/11	DRAWN BY: PMP	DRAWING NUMBER: 30RTS-7.2/3DRX-WR
REP: Mountain States	QUOTE #:	DIST.:	