

CITY OF IRONWOOD

MICHIGAN

CONSTRUCTION SPECIFICATIONS

AND

RELATED DOCUMENTS

FOR

MINE SHAFT SAFETY FENCING

&

JESSIEVILLE ELEVATED STORAGE TANK FENCING

March 2021

TABLE OF CONTENTS

<u>SECTION</u>	<u>DESCRIPTION</u>	<u>PAGE NO.</u>
	Bid Advertisement	3
	Special Provisions	4
A	Bid Solicitation	6
B	Offer & Schedule of Items	7
C	Bidding Requirements and Conditions	8
D	Insurance	10
E	Construction Specifications	11
	Utilities	14
	Fencing Location Map	15
	Sample Picture of Fencing	16

BID ADVERTISEMENT

The City of Ironwood is soliciting bids for mine shaft safety fencing within the Miners Memorial Heritage Park & the Jessieville water tank, to include 6-foot-high chain link fencing in three separate locations.

Sealed offers will be received by the Ironwood City Clerk in the Memorial Building, Ironwood, Michigan 49938, until 11:00 A.M. local time Thursday, March 11, 2021, at which time the bids shall be read aloud.

Bid Documents may be obtained from the Ironwood City Clerk, Memorial Building, Ironwood, Michigan 49938 or at www.cityofironwood.org/government/projects.

The City reserves the right to accept or reject any and all bids.

Karen M. Gullan
City Clerk

Bid Ad
Please Run:
Feb. 12th & 19th, 2021

SPECIAL PROVISIONS.

1. Underground Utilities

- (a) For protection of underground utilities and in conformance with Public Act 53, 1974, the Contractor shall call 1-800-482-7171 a minimum of three full working days, excluding Saturdays, Sundays and Holidays prior to beginning each excavation in areas where public utilities have not been previously located. Members will thus be routinely notified. This does not relieve the Contractor of the responsibility of notifying utility owners who may not be part of the “Miss Dig” alert system.

2. Construction Coordination

- (a) Construction will need to be coordinated with the City of Ironwood Department of Public Works.

3. Requirements for Performance Security and Payment Security

- (a) Security may be in the form of a performance bond and payment bonds, postal money order, certified check or cashier’s check.
- (b) Upon completion of project the contractor shall provide lien waivers from all contractors and suppliers.
- (c) **A 5% Bid Bond shall be provided with the submittal of the bid.**

4. Commencement, Execution and Completion of Work

- (a) The contractor shall be required to commence work under this Contract within 5 calendar days after the date the Contractor receives the Notice to Proceed.
- (b) Execute the work diligently.
- (c) Working hours are between 7:00 A.M. and 9:00 P.M.
- (d) A construction Schedule shall be provided and approved by a City Representative.
- (e) No work shall be done on Saturday’s or Sunday’s unless approved in advance by a City Representative.

5. Failure to Complete Work Within Contract Time

If the Contractor fails to prosecute the work, or any separate part thereof with such diligence as will ensure its completion within the time specified in this contract, fixed and agreed Liquidate Damages will be assessed for each calendar day of delay until the work is completed and accepted. Liquidate Damages equal \$250 / Calendar Day.

6. Defects / Warranty

The Contractor shall be responsible for any and all defects that may develop in any part of the entire work or installation furnished by him/her. Upon written notice of the City of Ironwood, the contractor shall immediately replace and make good, without expense to the owner, any faulty part, material, or workmanship. A one year warranty shall be provided by the contractor. The warranty shall start from the date the final payment is made.

SECTION A - BID SOLICITATION

Issued By: City of Ironwood

Type of Solicitation: Sealed Bid

Project Name: City of Ironwood Miners Memorial Heritage Park Mine Shaft Safety Fencing & Jessieville Water Tank Fencing

Project Description: The Project work consists of: 6 ft. high chain link fence

Project Location: Miners Memorial Heritage Park & Jessieville Water Tower

Site Inspection: Bidder's are encouraged to visit the site prior to submitting a bid. Interested Bidders may contact the City Engineer, (906) 932-5050, to schedule an inspection.

Delivery of Proposal: The proposal shall be submitted in a sealed envelope, plainly marked with the name of the Project and the name and address of the Bidder on the outside of the envelope. All offers must be received by the City Clerk prior to the time and at the place specified in the advertisement.

Award: One Contract will be awarded, to the lowest responsive and responsible bidder. The City reserves the right to reject any and all bids, at its sole discretion.

SECTION B - OFFER AND SCHEDULE OF ITEMS

<u>Item No.</u>	<u>Item Description</u>	<u>Pay Unit</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Amount Bid</u>
	<u>Location 1</u>				
1000	Install 6 ft. high chain link fence with signs, Complete	LF	132	\$ _____	\$ _____
	<u>Location 2</u>				
1001	Install 6 ft. high chain link fence with signs, Complete	LF	152	\$ _____	\$ _____
	<u>Location 3</u>				
1002	Install 6 ft. high chain link fence with signs, Complete	LF	420	\$ _____	\$ _____
	<u>Location 4</u>				
1003	Install 6 ft. high chain link fence with 2-4 ft. vehicle gates (8 ft. wide) and 1-pedestrian gate	LF	138	\$ _____	\$ _____
Total Bid					\$ _____

NOTE: 1) Mobilization is not a Bid Item.

Basis of Award: One contract will be awarded to the lowest responsive and responsible bidder based on the Total Bid Price for all items.

Firm Name: _____ Signature: _____

Address: _____ Title: _____

_____ Date: _____

Telephone No. _____

SECTION C – BIDDING REQUIREMENTS, CONDITIONS AND CONTRACT ADMINISTRATION

C-1. Competency of Bidders

- (a) The City Manager reserves the right to select bidders and may refuse to issue a proposal to any individual, partnership, firm or corporation based upon but not limited to one or more of the following facts:
 - (1) For having defaulted on previous contracts.
 - (2) For having preformed similar work in an unsatisfactory manner.
 - (3) When in the City Manager’s judgment the bidder does not have the required experience in the class of work bid on, fails to have the proper labor and equipment, or fails to have sufficient capital or quick asset to finance the work.

C-2. Interpretation of estimates, Specifications, Special Provisions and Site of Work

- (4) The quantities on the proposal are approximate only and given as a basis to compare bids. The City does not assume any responsibility that these quantities will remain unchanged in actual construction. The bidder is required to examine carefully the site of work, plans, specifications, and contract form for the proposed work. It will be assumed that he has judged for and satisfied himself as to the conditions to be encountered, as in the work, materials furnished, and in the above documents. The bidder is assumed to have familiarized himself with the Federal, State, and local laws which may affect the work, workers. Or materials furnished.

C-3. Delivery of Proposal

- (a) Each proposal must be submitted in a sealed envelope with the bidders name and address on the outside of the envelope. All proposals must be received on or before the hour stated in the advertisement. More than one proposal for the same project from an individual, partnership, firm, or corporation will not be considered. Faxed Bids are not accepted.

C-4. Public Opening of Proposals

- (a) Proposals will be opened publicly and read aloud at the hour, date, and place set in the advertisement.

C-5. Execution of Contract

- (a) Contractor shall start work within five (5) days after receiving Notice of Award and Notice to Proceed. Notice to Proceed will be in the form of a City of Ironwood Purchase Order.
- (b) Project shall be completed by June 30, 2021.

C-6. Contract Administration

- (a) Project Engineer: Scott Erickson, P.E., City Engineer
(906) 932-5050 ext. 116

C-7. Retainage

- (a) A five (5) percent retainage shall be withheld on all contract payments. The five percent retainage shall be paid upon final acceptance by the City of Ironwood of all work performed under this contract.

SECTION D – INSURANCE

D-1 Insurance

- (5) Workmen’s Compensation Insurance – The Contractor, prior to the execution of the Contract, shall file a certification that the Contractor carries Worker’s Compensation Insurance.

- (6) Bodily Injury and Property Damage Insurance – The Contractor prior to execution of the Contract shall file with the City of Ironwood copies of completed certificates of insurance, as evidence that the Contractor carries adequate insurance to afford protection against all claims for damages to public or private property and injuries to person, arising out of and during the progress of work. The minimum limits of insurance shall be as follows:
 - (7) General Liability
 - Bodily Injury and Property Damage Liability:
 - Each Occurrence.....\$1,000,000
 - Aggregate.....\$2,000,000

 - (2) Automobile Liability Insurance (Comprehensive Form)
 - Bodily Injury Liability:
 - Each Person..... \$ 500,000
 - Each Occurrence.....\$1,000,000

 - Property Damage Liability:
 - Each Occurrence.....\$1,000,000

 - Combined Single Limit for Bodily Injury and Property Damage Liability:
 - Each Occurrence.....\$2,000,000

- (8) The requirements for 1 and 2 above, may be met through an Umbrella policy.

- (9) Owners Protective Liability. Bodily injury and property damage protection, including general supervision of work performed, shall be extended to the City of Ironwood employees and agents. The minimum limit shall be \$1,000,000.

Section E – Construction Specifications

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>PAGE</u>
1000-1002	6 ft. high fencing Galvanized Chain Link Fencing	12

ITEM 1000-1002 INSTALL 6' HIGH CHAIN LINK FENCE

Description

1.1 This work consists of furnishing and installing complete new 6-foot-high chain link fence at three separate locations (see attached location map).

Materials

- 6-foot-high galvanized chain link fence.
- Fabric will be a minimum 9 gage, 2-inch mesh.
- Fabric will be installed on the outside of the posts.
- Line Posts shall be 2 ½ inch diameter (Max. 10 ft. spacing).
- End Posts shall be minimum 3-inch diameter.
- All posts and fence work shall be Heavy Commercial STM 1083 or better.
- Top, middle and bottom rails shall be included. Bottom rail shall be firmly on the ground to eliminate access from under the fence.
- At each location a “Danger, Do Not Enter” sign (see attached picture) shall be provided and installed on each end of the fenced area. There will be four signs provided and installed per location.
- There may be some brushing, tree limbing, etc. Required. Contractor shall inspect each site to determine the scope of work required. Any brushing, limbing, cutting is considered incidental to the contract.

Measurement and Payment

4.1 The chain link fence installation shall be installed for a complete installation around the perimeter of mine shafts at three separate locations (see attached “Fencing Location Map”). Payment shall be per lineal foot of fence installed at each location. All miscellaneous parts, materials and installation cost shall be included in the bid price.

ITEM 1003 INSTALL 6' HIGH CHAIN LINK FENCE

Description

1.2 This work consists of furnishing and installing complete new 6-foot-high chain link fence at the Jessieville water storage tank. This location shall include both vehicle access gates as well as a pedestrian gate.

Materials

- 6-foot-high galvanized chain link fence.
- Fabric will be a minimum 9 gage, 2-inch mesh.
- Fabric will be installed on the outside of the posts.
- Line Posts shall be 2 ½ inch diameter (Max. 10 ft. spacing).
- End Posts shall be minimum 3-inch diameter.
- All posts and fence work shall be Heavy Commercial STM 1083 or better.
- Top, middle and bottom rails shall be included. Bottom rail shall be firmly on the ground to eliminate access from under the fence.
- There may be some brushing, tree limbing, etc. Required. Contractor shall inspect each site to determine the scope of work required. Any brushing, limbing, cutting is considered incidental to the contract.
- This location shall include the installation of a vehicle access gate (2-4 ft. swing gate) and one pedestrian access gate, all gates to be lockable.

Measurement and Payment

4.2 The chain link fence installation shall be installed for a complete installation. Payment shall be per lineal foot of fence installed. The cost of the vehicle gate, and the pedestrian gate shall be included in the lineal foot cost for this bid item. All miscellaneous parts, materials and installation cost shall be included in the bid price.

UTILITIES

The existing utilities listed below represent the best information available. This information does not relieve the contractor of the responsibility to be satisfied as to its accuracy and the location of existing utilities.

<u>NAME AND ADDRESS OF OWNER</u>	<u>UTILITY DESCRIPTION</u>
Ameritech 3255 US-41 West Marquette, MI 49855 Ms. Marsha Bertoldi (906) 779-2744	Telephone
Charter Communications 115 E. McLeod Ave. Ironwood, MI 49938 Greg Johnson (906) 932-1831	Cable TV
X-Cel Energy 101 Alfred Wright Blvd. Ironwood, MI 49938 Stacy Westeen (800) 895-4999	Electric & Gas
City of Ironwood 213 South Marquette Street Ironwood, MI 49938 Bob Tervonen (906) 932-5050	Water & Sewer

Owners of public utilities will not be required by the department to move additional poles and structures that are not within grading or structure limits in order to facilitate the operation of construction equipment, unless it is determined by the engineer that such pole line or structures constitute a hazard to the public or are extraordinarily dangerous to the contractor's operations.