

INVITATION TO BID



**CITY OF RINGGOLD
PURCHASING
P.O. BOX 579
150 TENNESSEE ST.
RINGGOLD, GA. 30736**

ITB# 19-009

FOR: IRON FENCE PANELS AND ACCESSORIES (NO INSTALLATION)

BID OPENING DATE: April 3, 2019

TIME: 2:00 P.M. EST

**PLACE: Ringgold City Hall
150 Tennessee Street
Ringgold, Georgia 30736**

BID SPECIFICATIONS

Awards will be made to the best responsible bidder as determined by the City of Ringgold. The quality of the articles to be supplied, their conformity with the specifications, their suitability to requirements, experience and delivery terms shall be taken into consideration.

The City may consider Award of the Contract to other than the low Bidder.

Successful bidder will provide all materials as specified. The location of City Hall delivery is 761 Sparks Street, Ringgold, GA.

The City of Ringgold hereby solicits and requests sealed bids for 5' X 8' Iron Fence Panel as shown on Drawing #1.

SPECIFICATIONS:

MATERIALS

- **STEEL**: All steel material for the fence and gate system shall conform to the requirements of ASTM A-787 and ASTM A653 with minimum yield strength of 50,000 psi. All components are galvanized inside and out for superior rust protection.
- **CAST IRON**: All iron components are made of ductile iron for superior strength (versus standard grey iron) and are galvanized prior to powder coating for extra rust protection. All iron pieces will be sand-cast.

FENCE PANELS

- **HORIZONTAL RAILS** - Rail members will be constructed of 1 ½" x ½" x 1/8" (11 gauge) cold rolled bar channel. Number of rails per-piece will vary by panel style. Rails will be punched for picket pass-through and welding from underneath.
- **PICKETS**: Material for the pickets will be ¾" x ¾" x 16 gauge square tubing.
- **PICKET SPACING**: Standard pickets will have a 3.875" air gap in-between. Double or puppy pickets will have a 1.56" to 1.69" air gap.
- **FINIALS**: Finial tips will be 6" tall x 2" wide and are sand-cast from ductile iron with a safety ball top as part of the casting. All cast iron finial tips will be welded to the picket.

POSTS AND STANDARD HARDWARE

- **STANDARD STEEL POSTS**: All posts used for hanging fence panels will be 14 gauge and 2.5" square tube size. Length 7'.
- **POST CAPS**: All post caps are comprised of sand-cast ductile iron. Offered in standard and ball style to match all available post sizes.
- **FENCE PANEL BRACKET**: Brackets are comprised of sand cast ductile iron. The bracket has a 1.5" wide x 1/2" tall x 1" deep inner diameter (ID) and a 1.875" wide x 1" tall x 1" deep outer diameter (OD). A 3/4" tab with opening for a #14 hex head screw hangs below the bottom.
- **SELF-TAPPING SCREWS**: Used to secure panels to the post via bracket. Hex-head configuration and is sized 1" x #14. All screws are steel have an anodized black finish for rust inhibition.

WALK GATES

- **FRAME**: All walk gates will match fence panel styles and be framed with 2" x 2" x 14 gauge square tubing mitered and welded.
- **HORIZONTAL RAILS** - Rail members will be constructed of 1 1/2" x 1/2" x 1/8" (11 gauge) cold rolled bar channel. Rails will be punched for picket pass-through and welding.
- **PICKETS**: Material for the pickets will be 3/4" x 3/4" x 16 gauge square tubing.
- **PICKET SPACING**: Standard pickets will have a 3.875" air gap in-between. Double or puppy pickets will have a 1.56" to 1.69" air gap.
- **FINIALS**: Finial tips will be 6" tall x 2" wide and are sand-cast from ductile iron with a safety ball top as part of the casting. All cast iron finial tips will be welded to the picket.

ASSEMBLY

- **RAILS**: All horizontal rails will be cold rolled and punched at approximately 4 1/2" on center to provide an air gap of 3.875".
- **PICKET TO RAIL WELDING**: All items will be firmly positioned square in a jig fixture and MIG welded with the use of an inert shielding gas to reduce splatter and insure good penetration. Each picket will be welded on at least two sides at the juncture of every rail. All weld spots are then coated in a zinc rich primer for extra rust protection.
- **PICKET SPACING**: Standard pickets will have a 3.875" air gap in-between. Double or puppy pickets will have a 1.56" to 1.69" air gap.

- **FINIAL TO PICKET WELDING:** Finials will be placed on top of pickets and then MIG welded on all four sides with the use of an inert shielding gas to reduce splatter and insure good penetration. All welds are then cleaned for appearance and coated in a zinc rich primer for extra rust protection.

FINISHING

- **CLEANING:** All finished pieces are inspected for weld spatter and wire brushed accordingly. The inspected pieces then go through a 4-stage pretreatment and wash cycle to remove any impurities from handling and the manufacturing process.

POWDER COATING – A satin black polyester-based TGIC powder coating is electrostatically applied to a minimum 2.5 mils to all finished pieces. The powder contains a UV fade inhibitor to help resist fading of the finish

STANDARD WARRANTY ON ALL WORK:

- A. Vendor shall issue a twenty-five-year warranty against defects in materials and workmanship.
- B. No dollar limitation on any of the above warranties.

SCOPE OF WORK:

Manufacturing and delivery of all materials as specified.

PROPOSAL

We have examined the specifications and agree to furnish the City of Ringgold all materials as specified in the bidding package accordingly. Any deviations from the specifications will be marked exception on the bid sheet.

Item #	Description:	Unit Cost:	Quantity:	Price:
1	5'H x 8'W - Stronghold Iron - Signature Grade Fence Panel – Drawing #1		40	
2	Bracket - Standard -1.5"		162	
3	Screws - 1" x #14 - 100 per box		2	
4	5'H x 10'W – Double Walk Gate		1	
5	5.5" J-Bolt Hinge		6	
6	Hinge Hardware Kit		3	
7	Gravity Latch		2	
8	24" Drop Rod		2	
9	7' Length - 2.5"x2.5" Square; 14 Gauge Stronghold Iron Fence Post		43	
10	2.5" Ball Style Post Cap -Stronghold Iron		43	
11	Black Touch-Up Paint - 12oz		1	
			Sub-Total	
			Shipping	
			Grand Total	

Delivery Date: __/__/____

Bids shall be submitted in a sealed opaque envelope and shall be marked on the outside with the name of the submitting company, and the words “Sealed Bid – Fence Material”. Any deviation from the requirements set forth for the labeling of the bid envelopes shall result in said bid being returned to the bidder unopened and any such bid shall not be considered.

Sealed bids shall be addressed to the **Attention of City Manager, Dan Wright** and mailed to the City of Ringgold, P.O. Box 579, Ringgold, Ga. 30736 or hand delivered to the City Hall at 150 Tennessee St., Ringgold, Ga. All bids shall be received on or before the above designated date and time. Any bid received after this date and time shall not be accepted. Bids shall be typed or submitted in ink. Bids will be opened and read publicly. Bids are legal and binding upon the bidder when submitted.

It is understood that this contract, if accepted by the City of Ringgold, is entered into solely for the convenience of the City and in no way precludes the City from obtaining like goods from other suppliers upon prior approval of the City Manager. Such approval shall be made at the sole discretion of the City of Ringgold and shall be conclusive.

The City of Ringgold reserves the right to accept or reject any or all bids for any reason, to waive technicalities, and to make an award deemed in its best interest. The City of Ringgold shall have

the right to delete a unit item from the bid if necessary or proper in the sole determination of the City of Ringgold.

We certify that our bid meets the minimum requirements as specified in bid documents, this _____ day of _____.

AUTHORIZED SIGNATURE

TITLE

PRINTED NAME OF SIGNATURE

COMPANY

ADDRESS

CITY/STATE/ZIP CODE

TELEPHONE NUMBER

FAX NUMBER

EMAIL ADDRESS: _____

Contractor Affidavit under O.C.G.A. §13-10-91(b)(1)

By executing this affidavit, the undersigned contractor verifies its compliance with O.C.G.A. §13-10-91, stating affirmatively that the individual, firm or corporation which is engaged in the physical performance of services on behalf of the City of Ringgold, Georgia has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. §13-10-91. Furthermore, the undersigned contractor will continue to use the federal work authorization program throughout the contract period and the undersigned contractor will contract for the physical performance of services in satisfaction of such contract only with subcontractors who present an affidavit to the contractor with the information required by O.C.C.A. §13-10-91(b). Contractor hereby attests that its federal work authorization user identification number and date of authorization are as follows:

Federal Work Authorization User Identification Number

Date of Authorization

Name of Contractor

Name of Project

Name of Public Employer

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed on _____, ____, 201__ in _____ (city), _____ (state).

Signature of Authorized Officer or Agent

Printed Name and Title of Authorized Officer or Agent

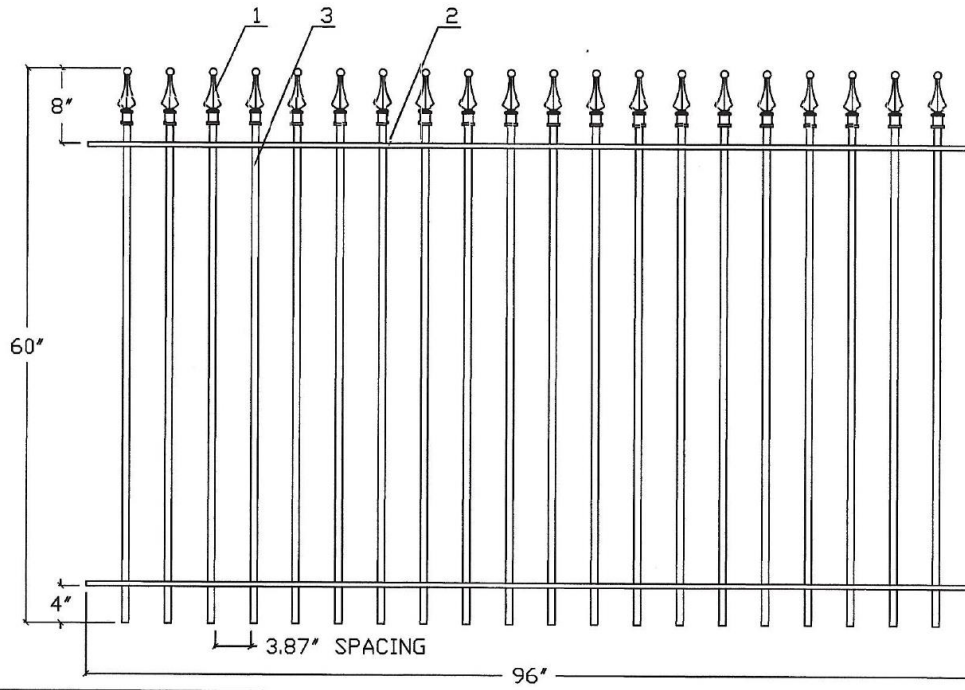
SUBSCRIBED AND SWORN BEFORE ME
ON THIS THE ____ DAY OF _____, 201__.

NOTARY PUBLIC

My Commission Expires: _____

5'H X 8'W IRON FENCE PANEL

DRAWING #1



NO.	MATERIAL	QTY
1	CAST IRON FINIAL	20
2	1 1/2"X1/2"X1/8"	2
3	3/4"X3/4"X16ga	20