



**CITY OF TORRINGTON**  
**REQUEST FOR BID**

**BID # FEN-032-101804 CHAIN LINK FENCE REPAIR/REPLACEMENTS**

Date of bid opening: Oct. 18, 2004 Time: 10:00am Location: Room 109A, City Hall

Bid Bond or Certified Check required with bid: 5%  
Performance Bond required if awarded bid: N/A

Submit original bid plus one copy

The City of Torrington reserves the right to accept or reject any or all bids or any portion thereof, to waive technicalities, and to award the contract as will best serve the public interest.

Omit State and Federal Taxes.

All prices must be F.O.B.: Destination (Torrington).

Dated in Torrington: 9/15/2004

Purchasing Agent \_\_\_\_\_  
Charlene R. Antonelli, CPPB

Item	PRICE
Fuessnich Park	\$ _____
Bannon St. Playground	\$ _____
Toro Field	\$ _____
Oak Ave. Field	\$ _____
Besse Park	\$ _____

Bid Submitted By: \_\_\_\_\_

Name of Company \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

Delivery Date \_\_\_\_\_

E-mail address \_\_\_\_\_

Comments: \_\_\_\_\_

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

Date \_\_\_\_\_

Web Page \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

## INSTRUCTIONS TO BIDDERS

Sealed bids will be received by the Purchasing Agent, Room 109A, 140 Main St., Torrington, CT until the time and date specified on the cover sheet and opened thereafter in the Purchasing Department, Room 110. Bids received later than the time specified will not be accepted. Amendments to or withdrawal of any section of the submitted bid received later than the time & date set for the bid opening will not be considered. Bid proposals must remain in effect for a minimum of 30 days unless otherwise noted elsewhere in the bid specifications.

**COPIES:** Bidders are to submit an original proposal plus one (1) copy.

**BID DOCUMENTS:** are available over the Internet on the City's web page, under "open bids", [www.torrington-CT.org](http://www.torrington-CT.org) **Businesses Without Internet Access** may contact the Purchasing Department at 860-489-2224 for the bid documents.

**BID BONDS:** shall be in the amount of 5% of the total bid made out in favor of the City of Torrington and issued by a Surety company acceptable to the City of Torrington must accompany each bid. A certified check, cashier's check, Treasurer's check, or money order in the same amount may be submitted in lieu of the bid bond. Bids submitted without Certified Check or Bid Bond will not be accepted. On-line bid submission requires a bid bond be received at the Purchasing Office prior to the time of bid opening. The City of Torrington will not be held liable for the accrual of interest on any check held by the city in conjunction with this bid. All checks or bid bonds will be refunded to the unsuccessful bidders after award of the bid by the City Council. The deposit check or Bid Bond of the successful bidder will be held in escrow until such time as the city determines that the bidder has or will meet their obligations as stated by the bid. If the bidder fails or refuses within a reasonable time after due notice that the contract has been awarded to him, to execute the same, an amount representing a loss to the city by reason of such failure shall be retained and paid into the city treasury.

**REPLIES:** whether bid or no bid, must have the bid number clearly identified on the outside of the envelope. Bidders not marking the envelopes with the Bid number and date/time of opening on the envelope will have no recourse against the City of Torrington or its employees. Such bidders run the risk of the bid being opened prior to the scheduled Bid Opening time. Once opened such bids are public record. Any alleged oral agreement made by a bidder or contractor with any agency or employee of the City of Torrington will be disregarded.

**FREIGHT:** Prices quoted shall be net delivery **F.O.B. Torrington, CT.** All bid prices must include prepaid delivery, assembly, and/or installation (ready for operation and/or use) of all equipment and/ or materials to the individual location(s) as designated by the Purchasing Agent. All bid prices are to be submitted on the sheets provided on this bid. Quantities and pricing are to be listed in accordance with these sheets.

**QUESTIONS:** Request for interpretation of any portion of the bid may be made by telephone to the Purchasing Agent at (860)489-2225. All replies will be given verbally and a copy of any such inquiry and advice (if deemed vital to the bid by the Purchasing Agent) will be made available to each prospective bidder. Bidders should check the web site for addendums/updates 48 hours prior to the bid opening.

In the event of receipt of identical bids as to offerings, delivery, service, content, price, etc., the bid will be awarded in accordance with the information contained in the bid document, based on first received as to date and time of receipt of the bid.

**NON-COLLUSION STATEMENTS:** In order for bids to be considered, a non-collusive statement must be submitted with the bid. A sample non-collusive bid statement is attached. Bidders may elect to submit their own notarized non-collusion statement.

**CONDITIONAL, QUALIFIED OR NON-RESPONSIVE BIDS/PROPOSALS:** All bids/proposals shall be submitted in the form and manner as indicated by the bid documents and bid forms. Any proposal which is not submitted in the form and manner indicated by the bid documents or which contains information, statements, conditions, or qualifications which place conditions or qualifications on the proposal submittal for purposes of making an award, or which alter any proposal terms, conditions, specifications, or forms, which has not been previously approved by written addendum from the Purchasing Agent, or which does not meet legal requirements, shall be declared as a qualified, conditional, or non-responsive proposal and shall be rejected without further consideration. Any proposal response that does not fully respond to and comply with all detailed specifications or requests for information including execution of proposal forms, may be declared "non-responsive" and recommended for rejection. The City of Torrington shall not be responsible for any errors or omissions of the Offeror.

**TAXES:** Omit all State and Federal taxes from the bid. The City of Torrington is exempt from the payment of taxes imposed by Federal government and/or the State of Connecticut.

**OWNERSHIP OF DOCUMENTS:** All documents, including drawings, plans, specifications, videotapes, or other documents or maps prepared by a contractor pursuant to any agreement arising from this bid shall become the property of the City of Torrington upon completion of the project or any termination of the project prior to the completion of the project.

**LEGALITY:** All bid offers for commodities, work, materials, or equipment hereunder shall comply in every respect with the laws, specifications and requirements of the State of Connecticut and the Federal government. Contractor will comply with the provisions of the Connecticut Fair Employment Practices Law.

**LANGUAGE DISPUTES:** Any disputes over the interpretation and/or meaning of any individual terms, conditions, and/or language within this Request for Bid/Proposal document shall be resolved by and at the sole discretion of the City Purchasing Agent in a manner that is in the best interest of, and best advantage to, the City of Torrington, provided any such interpretation shall be reasonable. In the event that an individual term, condition, and/or language/wording is determined at any time, including after award, by the City Purchasing Agent to be "not applicable at all" to his contract, then the term, condition, and or language/wording may be disregarded, even though an addendum is not issued. However, if the Purchasing Agent determines that the term, condition, and/or language/wording "is applicable in part", then the term, condition, and/or language/wording will apply to the degree applicable, even though an addendum is not issued.

**RESPONSIBILITY:** The Contractor shall save the City of Torrington, its agents or employees, harmless from liability of any kind for all claims of labor payments and materials furnished for this work, and for use of any copyrighted or uncopyrighted composition, secret process patented or unpatented invention, article or application furnished or used in the performance of the contract of which the Contractor is not the patentee, assignee, or licensee. The successful bidder agrees to indemnify and hold harmless the City of Torrington, its agents and employees from any and all liability arising out of the successful bidders' operations, functions and/or supplied items.

The successful bidder, vendor, and/or contractor must protect all property of the City of Torrington (i.e. all floors, furniture, grass, land, etc.) from injury or other damage. Any damage so caused must be repaired by contractor/vendor at his/her own expense. At the completion of work, the vendor and/or contractor must remove from the premises all surplus materials and all debris created by same. The premises must be left in a broom-clean and finished condition acceptable to the owner or its agents. Successful bidder will furnish adequate protection from damage for all work and to repair damage of any kind; for which he or his workers are responsible, to the premises or equipment to his own work or to the work of other contractors.

**DEFAULT:** It shall be understood that a bidder supplying equipment and/or supplies will be considered to be in default if/when they have not delivered the item(s) within the time constraints listed in this document or subsequent purchase orders and/or contract. Bidders providing a service and/or construction will be considered to be in default if/when they have failed to meet the completion date set forth in this document or its subsequent contract and/ or purchase orders and/ or they have ceased work on the project for a period of fifteen (15) working days, cumulative or consecutive.

**TRADE NAME REFERENCES:** Any and all references to trade names, types, styles, model numbers, stock numbers or catalogs are intended to be descriptive only and not restrictive. The intention is to indicate to bidders the type and quality of the articles and or materials that will be satisfactory. When reviewing the information, it is the responsibility of the prospective bidder to inform the City of Torrington of any discrepancy that is found (i.e. number listed does not fit item description) Bids received on other makes or models with reference to other catalogs will be considered. The bidder is to clearly state in his bid exactly what he intends to furnish and to furnish with his bid a cut or illustration or other descriptive matter that will clearly indicate and give specification as to the product he/she proposes to furnish. Where a bid is offered on an item other than the trade standard used in the specification the item should be identified on the bid form by entering the MAKE, TRADE NAME AND MODEL NUMBER. It is understood that any substitutes and/or alternates that might be offered are guaranteed by the bidder to be of equal or better quality than is reference in the bid. The item(s) must be equivalent as to function, basic design, type and quality of material, method of construction and any required dimensions. It shall be further understood that during original as well as subsequent shipments spot checks will be performed to insure that the items received are in fact the items offered in the bid. When received, should items/materials prove to be different from what was bid in any way, the bidder agrees to the return of the items and agrees to supply correct items (per bid specifications) at the bidders expense. In the event this return action is required, it is understood the bidder may be subject to removal from the city's approved bidder's list. Bidders are cautioned that surplus, seconds, factory rejects, floor samples, close outs or distressed items are not acceptable and shipments of substitutions, defective or shop-worn equipment will be returned for a full refund at the vendor's expense.

**QUANTITY:** The quantities and/or materials listed in the specifications/bid sheets may be increased or decreased by the City of Torrington or its designated representative based on actual need at the time the purchase orders are placed.

**QUALITY:** The City of Torrington reserves the right to reject any proposal in whole or in part offering equipment and/or materials and/or services that in its or its agents opinion does not meet the quality standards desired. Such decision is final and not subject to further recourse by the bidder.

**SAMPLES:** forwarded by the bidder will be returned to the bidder at his request and expense. Requests for return of samples must be submitted in writing at the time the sample is given to the City of Torrington or its representative. Samples not returned to the bidder will be disposed of at the discretion of the City of Torrington or its designated representative. Large pieces of equipment submitted for evaluation and inspection are to be picked up by the bidder within 30 days of the bid opening date. Items not picked up within 30 days will be disposed of by the City of Torrington or its designated agent.

**AWARD:** It is the intent to award this bid in its entirety to one bidder, however, the City reserves the right to award the bid line item by line item if it is deemed in its best interest to do so. In addition, bidders are advised that should budgetary constraints dictate, part, and/or all the items in this bid may be rejected. This decision shall be considered final and not subject to recourse by the bidder.

In determining the lowest or highest responsible bidder, the City reserves the right to consider, in addition to price, the compatibility, quality, cost of maintenance and availability of parts, experience and/or past performance of the bidder, sufficiency of the financial resources of the bidder as relates to the offerings as well as the ability of the bidder to provide future maintenance and service.

Documents previously submitted to the city of Torrington will not be considered as satisfying submission requirements for this bid.

No bidder can claim any contract rights by virtue of bidding alone. Awarding of the contract means actual written notice by letter and a properly executed purchase order to the bidder or bidders to whom the bid has been awarded.

**OPTION TO RENEW:** This contract may be extended for three (3) additional one (1) year periods, provided all terms and conditions remain in full force and effect except for the contract period being extended. This option, if exercised, is to executed in the form of a letter of agreement, to be issued no later than 30 days prior to the expiration of the then current contract period. This option to renew requires the mutual agreement of both parties. Refusal by either party to exercise this option to extend, will cause this contract to expire on the original or mutually agreed upon date. The total period of this contract, including all extensions as a result of exercising this option, will not exceed a maximum combined period of five (5) years.

**BONDS:**

**Performance Bond:** The Contractor, when awarded the Bid, must submit within 10 days of the bid award, and before beginning the work or signing a contract, a Performance Bond amounting to one hundred percent (100%) of the total amount of the bid. Said performance bond must be in favor of the City of Torrington and executed by a surety company authorized to do business in the State of Connecticut. The City of Torrington reserves the right to retain the Bid Bond or Certified Check on bids below \$25,000.00

as a Performance Bond. On bids of \$25,000.00 or more the Performance Bond may be furnished in the following manner: Performance Bond, Surety Bond, Certified Check, Bank Check, Savings Account in both the City & Vendor's name or Letter of Credit

**Maintenance Bond:** The contractor, upon signing a contract and before beginning the work, must submit to the Purchasing Agent a Maintenance Bond to guarantee that if defects in either labor or materials becomes evident within one year after completion and acceptance of work will be fixed at no cost to the City of Torrington. The maintenance bond may be included as a portion of the Performance bond or as a separate bond. If it is issued as a separate bond said maintenance bond must be in favor of the City of Torrington and issued by a surety company licensed and authorized to do business in the State of Connecticut.

**Labor and Material Bonds:** Per Section 49-41 of the Conn. General Statutes, on Public Works project where the estimate is in excess of \$25,000.00, a labor (payment) and material bond must be furnished to the City. Said bonds must be filed with the Purchasing Agent prior to the commencement of work.

**Consent for Release of Final Payment:** AIA Document G707 & G706, or equivalent, must be signed and returned by the Surety Company before final payment will be released to the contractor.

**INSURANCE:**

**Certificate of Insurance:** All insurers must have an AM Best rating of A-V11 or better and admitted to do business in the State of Connecticut. All insurance policies must include a Waiver of Subrogation whereby the insured waives its right to subrogated against the City, its subsidiaries, employees, volunteers, directors and officers. Proof of proper insurance coverage, Workers Compensation Insurance, Liability and Property damage, and Vehicle Insurance shall be filed with the City of Torrington Purchasing Agent within 10 days after the award of the bid. The Certificate of Insurance must name the City of Torrington, 140 Main St., Torrington, CT, its subsidiaries, employees, volunteers, directors & officers as the additional insured and filed with the Purchasing Agent prior to commencement of work. Renewal Certificates of Insurance must be mailed to the Purchasing Agent 10 days prior to the expiration of the required coverage.

**Workman's Compensation Insurance:** The Contractor shall take out and maintain during the life of the contract adequate Workman's compensation Insurance for all the employees employed on said work. In case any class of employees or subcontractors is engaged in hazardous work under the contract at the site of the work is not protected under the Workman's Compensation statute, the contractor shall provide Workman's Compensation Insurance for the protection of employees not otherwise protected.

**Liability Insurance:** The Contractor shall take out and maintain for the life of the contract, adequate public liability insurance insuring against liability to persons not employed by him in an amount of not less than \$1,000,000.00 for injuries, wrongful death to any one person and subject to the limit for each person in an amount of not less than \$2,000,000.00 on account of one accident and property damage insurance in an amount of not less than \$1,000,000.00.

**Vehicle Insurance:** The Contractor shall take out and maintain for the life of the contract, adequate automotive/truck or other vehicle insurance with minimum coverage of \$1,000,000.00 each for both liability and under insured and uninsured motorist as well as any other coverage required by the State of Connecticut or requested by an official of the City of Torrington as relates to the contract.

**Additional Security:** The City of Torrington reserves the right to require successful bidders to enter into and such security arrangements as are deemed necessary to protect the City of Torrington, its property and goods.

**PERMITS:** The successful bidder agrees to obtain all work/building permits as might be required. The cost of obtaining such permits is the responsibility of the bidder. The City of Torrington reserves the right to waive local permit fees. In addition, it shall be understood that where property lines are to be considered, bidders are to verify said lines and measurements with proper City Officials prior to commencement of work.

It is to be understood that any/all specifications and/or plans or drawings contained in or developed as a result of the bid process are and shall be presented subject to the approval of the City of Torrington planning, zoning and building officials and that awards made prior to said approval are subject to cancellation.

**PREVAILING WAGE:** When the State of Connecticut Prevailing Wage Rate is applicable to the bid, the successful bidder must submit a Certified Payroll Record prior to any request and/or invoice for payment.

**SAFETY:**

**Machine and/or Equipment Hazard Assessment and Safety Training:** Upon delivery of machines and/or equipment, suppliers are required to provide to the end-user employees, at no additional charge, a training session which will emphasize hazard awareness and assessment and the safe use of such machinery/equipment.

**Occupational Safety and Health Act of 1970:** Seller shall warrant that the machinery, equipment or other materials covered hereby shall upon delivery to the City of Torrington, be in compliance with the standards required by said Act and any updates as pertain to or reference said Act as well as the standards required by comparable State and local laws, if any, for such machinery, equipment or other materials in effect at the time of delivery.

**Machines and/or Equipment Lockout/Tagout:** In an effort to comply with OSHA's final rule on the control of hazardous energy sources, vendors must warrant that any and all machines and/or equipment as is covered under this bid will be supplied and/or installed equipped with lockout/tagout devices as prescribed by OSHA.

**Toxic Substance Control Act (PL94-469):** Seller warrants that each and every chemical substance constituting or contained in the products sold or otherwise transferred to the City of Torrington under this bid and subsequent purchase orders is not on the list of prohibited chemical substances compiled and published by the Administrator of the Environmental Protection Agency pursuant to Act PL94-469 and are otherwise in compliance with said Act.

**Hazardous Materials:** Any materials required by this bid and subsequent purchase orders that are hazardous under federal, state,

or local statute, ordinance, regulation, or agency order will be packaged, labeled, marked and shipped by the seller to comply with all federal, state and local regulations then in effect including but limited to the provisions of the Hazardous Materials Transportation Act and Regulations promulgated thereunder and will further comply with any special requirements and any policies and procedures of the City of Torrington relating to the purchase of hazardous materials as might be noted on subsequent purchase orders or otherwise communicated to seller in writing.

**Material Safety Data Sheets:** Shall be provided by the Seller upon delivery to the City of Torrington of any goods having constituents listed in the following references - OSHA 1910, ACHIG Current Threshold Values, DOT HazMat Table 49, IARC Carcinogen List, National Toxicology Program Carcinogen List, and/or Radioactive Materials. These Material Safety Data Sheets must be consistent with and include information required by the OSHA Hazard Communication Standard published as 29 CFR 1910.1200, as the same may be amended or supplemented from time to time.

**Asbestos:** Bidders are advised that asbestos-containing material may be located in the boiler rooms, pipe tunnels, storage areas and various portions of City buildings. Before proceeding on any contractual work on City buildings or their interiors, it is mandatory that bidders familiarize themselves with the asbestos-containing material and that said material be considered as a health hazard and all precautionary measures according to the Ahera Rules & Regulations be observed. It is the bidder's responsibility to notify all employees and/or subcontractors of this notification.

**SUBCONTRACTORS:** The successful bidder shall not employ any subcontractor to fulfill any of the duties herein specified without express, prior written approval of the City of Torrington or its designated agent.

**EEO:** The successful bidder shall provide any/all additionally required, affirmative action statements, fair employment plans and non-discrimination programs and statement as might be required by the City of Torrington. In connection with the execution of this bid, subsequent purchase orders and/or contracts, the seller shall not discriminate against any employee or applicant for employment because of age, race, religion, color, sex or national origin. Bidders must comply with all rules & regulations of the Department of Labor with regard to Equal Employment Opportunities as pertains to municipalities.

**TERMINATION OF CONTRACT:** Any contract entered into by the City and the successful bidder shall provide that the City may terminate the contract upon thirty (30) days notice to the bidder.

**The City of Torrington reserves the right to award or reject any or all bids, or any portion thereof, to waive technicalities, and to award the bid and/or contracts to one or more bidders submitting essentially identical proposals and, that in the city's judgment, will best serve the public interest.**

The terms and conditions of these "Instructions To Bidders" are made a part this bid.

**SAMPLE FORM**

**Bid #** \_\_\_\_\_

**NON-COLLUSION AFFIDAVIT**

STATE OF \_\_\_\_\_ COUNTY OF \_\_\_\_\_

I, \_\_\_\_\_, being first duly sworn, deposes and says that:

1. I am \_\_\_\_\_ of \_\_\_\_\_, the bidder that has submitted the attached request for proposal for \_\_\_\_\_;
2. I am fully informed respecting the preparation and contents of the attached RFP and of all pertinent circumstances respecting such bid;
3. Such Bid is genuine and is not a collusive or sham Bid;
4. Neither the Bidder nor any of its officers, partners, owners, agents, representatives, employees or parties of interest, including this affiant, has in any way colluded, conspired, connived or agreed directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid in connection with the work for which the attached Bid has been submitted nor has it in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Bidder, firm or person to fix the price or prices in the attached Bid or of any other Bidder, or to fix any overhead, profit or cost element of the Bid price or the price of any Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the City of Torrington or any person interested in the proposed Bid; and
5. The price or prices quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of it agents, representatives, owners, employees, or parties in interest, including this affiant.

Signed \_\_\_\_\_

Title \_\_\_\_\_

Subscribed and sworn to before this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
\_\_\_\_\_  
Notary Public

My commission expires \_\_\_\_\_

**SAMPLE FORM**

**BID #** \_\_\_\_\_

**CONSENT OF SURETY COMPANY  
TO RELEASE FINAL PAYMENT**

City              
Architect       
Contractor      
Surety           
Other          

PROJECT/BID NUMBER : \_\_\_\_\_

TO:     City of Torrington  
          Attn: Purchasing Agent  
          140 Main Street  
          Torrington, CT 06790

CONTRACTOR:     \_\_\_\_\_  
                          \_\_\_\_\_  
                          \_\_\_\_\_  
                          \_\_\_\_\_

In accordance with the provisions of the Contract between the City of Torrington and the Contractor as indicated above, the (insert name & address of Surety Co. )

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_, SURETY COMPANY on bond of (insert name & address of Contractor) \_\_\_\_\_

CONTRACTOR, hereby approves of the final payment to the Contractor, and agrees that final payment to the Contractor shall not relieve the Surety Company of any of its obligations to the CITY OF TORRINGTON as set forth in the Surety Company's bond.

this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
\_\_\_\_\_  
Notary Public

My commission expires \_\_\_\_\_

\_\_\_\_\_  
Surety Company

\_\_\_\_\_  
Authorized Representative's Signature

\_\_\_\_\_  
Title

## GENERAL STATEMENT OF WORK

The City of Torrington is seeking sealed bids from licensed fence contractors for the repair/replacement of chain link fences at various City owned parks per specifications. The contractor shall provide all labor, materials, equipment, installation and supervision to repair and/or replace the chain link fences as outlined below, which includes approximately 835 linear feet of fabric plus fence posts and two (2) gates. If contractors have technical questions or wish to view sites, they may do so by calling the Parks & Recreation Director, Richard Calarco (860)489-2274.

The intent of these specifications is to set forth and convey the general type, character, and quality of the fence as desired by the City of Torrington. Deviations from these specifications shall be clearly noted on the contractors bid proposal. Adequate information must be provided to allow the City of Torrington to evaluate exceptions.

### 1.01 Conditions and Requirements

- A. Examination of Site: Failure to visit the sites will in no way relieve the Contractor of the necessity of furnishing materials and performing work that may be required to complete the tasks in accordance with the specifications without additional costs to the City.
- B. Contracts: All work under this contract will be executed under one prime contract between the City and the General Contractor
- C. Contractor Use of Premises: Contractor shall limit the use of the premises for work and for storage as directed by the Torrington Park & Recreation Director.
- D. Damages: Contractor shall be held responsible and shall replace or repair at his own expense any damages arising during the course of construction to any of the following:
  - 1. Streets, curbs, walks, steps, paving or fencing
  - 2. Existing plumbing lines, sewers, or utility lines
  - 3. Existing trees and irrigation
  - 4. Grass or sod
- E. Locates: Contractor shall arrange for locates of existing underground utilities. Parks department shall locate existing underground irrigation.
- F. Licenses & Permits: Contractor shall obtain the necessary and applicable contractor's license. Contractor will need to obtain the appropriate City permits and fees shall be waived.

### 1.02 MATERIALS

- A. Chain link fabric and pipe frame material: shall comply with standards and specifications of the Chain Link Fence Manufacturers Institute.
- B. Quality of Materials: All steel, including fabric, pipe and fittings shall be first quality, full weight, hot dipped, galvanized material. All weights and dimensions are nominal.
- C. Fabric: No. 9 gauge wire woven onto a 2" chain link mesh galvanized after fabrication. Top and bottom selvage of the fabric will knuckled. Zinc coating by weight will not be less than 1.2 ounces per square foot. Wire used in fabric shall be open hearth steel, containing not less than 0.20% copper with tensile strength of not less than 85,000 lbs. per square inch.
- D. Line Posts: Shall be 2-3/8" SS20 galvanized pipe set in concrete. Minimum depth is two (2) feet below grade.
- E. Line Post Tops: Shall be heavy galvanized, cast iron eye top fittings to set over post snugly,
- F. Top Rail: Shall be 1-5/8" SS20 galvanized steel pipe, in lengths not less than 20 feet, except as dictated by a shorter maximum section being replaced.



- G. Center Rail: Shall be 1-5/8" galvanized steel pipe.
- H. Terminal Post Tops: End and corner posts to be fitted with heavy galvanized iron tops of bullet type construction.
- I. Terminal and Gate Posts: Shall be 2-7/8" galvanized steel pipe.
- J. Tension Bands: Shall be beveled edge type with either nuts and bolts or lock pin type.
- K. Gates: Shall be two locking 4'H x 12'W vehicle access gates at Oak Ave. baseball field and one locking 8'H x 3'W along back side of pool area by restrooms. All hardware to be heavy duty galvanized.

**1.03 CONSTRUCTION:** Contractor shall set all fencing to alignment. The contractor shall guarantee that the fencing is located correctly with respect to layout information provided and shall relocate at his expense any fence which is installed incorrectly.

A. Installation of Fencing and other fencing materials:

1. Workmanship: Completed fence shall be plumb, both in-line and tranverse to the fence, straight and rigid, with fabric tightly stretched and held firmly in place. Gates shall swing easily and hang true and close into the plane of the fence. Details of construction not specified shall be performed in keeping with good standard fencing practice.
2. Concrete: Set all posts in concrete designed to have a minimum compressive strength of 3,000 psi at 28 days. Allow all posts to set at least seven (7) days before top rails, center rails, wire fabric and fittings are installed.
3. Line Posts: Space line posts not more than 10' apart and set in concrete 24" deep and not less than 10" in diameter. Slope footings out to edge approximately 1" to match finish grade at edges. Provide smooth troweled finish on all footings.
4. Top rail: Set top rails as nearly parallel to the finish grade as possible and at the specified height of fence. In the case of sloping grades, the top rail shall be sloped uniformly parallel to the finish grade as nearly as possible and in a manner to prevent any abrupt changes in the grade of the top rail. Top rail shall be installed in a continuous run between terminal posts using eye top caps.
5. Center Rail: Shall be 1-5/8" galvanized pipe. Center rail to run outside fabric between all posts on infield side.
6. Fabric ties: Shall be No. 11 gauge galvanized steel wire for fabric to framework ties, Provide a minimum of 6 ties for each 10' of rail and one tie to each foot of post height.
7. Terminal and Gate Posts: Set in concrete footings 36" deep and a minimum of 12" in diameter. Slope footings from post out to edge approximately 1" to match finish grade and edges. Gates shall be welded steel frame construction and braced as required.
8. Tension Bands: Provide one fastener for each one foot of fabric height.
9. Tension Wire: Shall be installed at bottom of all fences

**1.04 TECHNICAL SECTION**

A. Fuessenich Park:

1. Repair fence located along south property line, approximately 10 linear feet by 6 feet

high plus 1 pole.

2. Work to be completed no later than June 1, 2005.

B. Bannon St. Playground:

1. Replace 145 linear feet by 6 feet high of fabric and rails along park side adjacent to house on 65 Bannon Street.
2. Install new fence in far east corner of property, approximately 55 linear feet by 6 feet high.
3. Work to be completed no later than June 1, 2005.

C. Toro Field:

1. Replace 500 linear feet by 6 feet high of outfield fence on Toro I field.
2. Install new fence on property line adjacent to parking lot, behind house on Perkins St., approximately 125 linear feet by 4 feet high.
3. Work to be completed no later than May 1, 2005

D. Oak Ave, Field:

1. Install 12 feet wide by 4 feet high locking vehicle access gate on baseball field.
2. Change fabric on fence from outside to inside.
3. Work to be completed no later than June 1, 2005.

E. Besse Pool:

1. Install new fence along back side of pool area to restrooms. New fence shall be 8' high with locking gate.
2. Work to be completed no later than June 1, 2005.