

TECHNICAL SPECIFICATIONS - CHAIN LINK FENCE

4'0" AND 5'0" Heights

FABRIC	2" mesh, #9 or #6 gauge wire, galvanized after weaving round top or knuckle top.
LINE POSTS	2" O.D. Pipe 2.72 lbs. per ft. spaced not more than 10'0" apart.
TERMINAL POSTS END CORNER & GATE POSTS	2 1/2" O.D. Pipe 3.65 lbs. per ft.
TOP RAIL	1 3/8" O.D. Pipe 1.68 lbs. per ft. for #9 wire and 1 5/8" O.D. Pipe 2.27 per ft. for #6 wire width expansion sleeves.
BOTTOM RAIL	1 3/8" O.D. Pipe 1.68 lbs. per ft. fastened to posts with galvanized steel or malleable fittings.
TIRE WIRES	#11 gauge galvanized steel wire spaces at 18" apart on top and bottom rails and 12" apart on posts.

All posts anchored in concrete footings of a 4000 PSI, 1 1/2", 565 cement concrete mix. Line post footings 3'0" deep and 12" in diameter. Terminal Post footings 3'0" deep and 16" in diameter and all crowned to shed water. All top, bottom and middle rail schedule 40 piping only. All Terminal Posts, End Corners and Gate Post schedule 40 piping only.

6' 0" High Chain Link Fences

FABRIC	2" mesh #9 or #6 gauge wire, galvanized after weaving knuckle top or barbed top as required.
LINE POSTS	2 1/2" O.D. pipe 3.65 lbs. per ft. spaced not more than 10'0" apart.
TERMINAL POSTS END	2 1/2" O.D. Pipe 5.79 lbs. per ft. with 1 5/8" O.D. Pipe 2.27 lbs.
CORNERS & POSTS GATE	per ft. Middle rail and 3/8" rod cable. Use schedule 40 piping only.
TOP RAIL	1 5/8" O.D. Pipe 2.27 lbs. per ft. with expansion sleeves and schedule 40 piping.
BOTTOM RAIL	1 5/8" O.D. Pipe 2.27 lbs. per ft. fasten in posts with galvanized steel or malleable fittings. Use schedule 40 piping only.
TIE WIRES	#11 Gauge galvanized steel wire spaces 18" apart on top and bottom rails and 12" apart on posts.

All posts anchored in concrete footings of a 4000 PSI 1 1/2", 565 mix. Line Posts footings 3'6" deep and 12" in diameter. Terminal Post footings 3'6" deep and 16" in diameter and all crowned to shed water. All Top, Bottom and Middle Rail schedule 40 piping only. All Terminal Posts, End Corners and Gate Post schedule 40 piping only.

10'0", 12'0", 14'0" Double Drive Gates in 4'0", 5'0" and 6'0" heights

- FABRIC** 2" mesh, #9 or #6 gauge wire, galvanized after weaving.
- GATE FRAMES** 1 5/8" O.D. Pipe 2.27 lbs. per ft. in 4'0" and 5'0" heights 2" O.D. Pipe 2.72 lbs. per ft. in 6'0" heights with 1 5/8" O.D. Middle rails. Arc welded construction with supporting cables and proper locking devices and gate stops.

- GATE POSTS** 2 1/2 O.D. Pipe 5.79 lbs. per. ft. for above gates.

4'0" Access Gates in 4'0", 5'0" and 6'0" Fences

- FABRIC** 2" mesh, #9 or #6 gauge wire, galvanized after weaving.
- GATE FRAMES** 1 5/8" O.D. Pipe 2.27 lbs. per ft. for all heights and 1 5/8" O.D. middle rail in 6'0" heights. Arc welded construction with proper locking devices and gate stops.
- GATE POSTS** 2 1/2" O.D. Pipe 3.65 lbs. per ft. for 4'0" and 5'0" heights; 3" O.D. pipe 45.79 lbs. per ft. in 6'0" heights.

All Top, Bottom and Middle Rail schedule 40 piping only. All Terminal Posts, End Corners and Gate Post schedule 40 piping only.

ALL MATERIALS SHALL BE THOROUGHLY GALVANIZED BY HOT DIPPED PROCESS

12'0", 8'0" 10'0", 14'0" Heights.

- FABRIC** 2 " mesh, #9 gauge wire, galvanized after weaving. Barbed both ends.
- LINE POSTS** 2 1/2" O.D. Pipe 3.65 lbs. per ft. spaced not more that 10'0" apart.
- TOP RAIL** 1 5/8" O.D. Pipe 2.27 lbs. per ft. with expansion sleeves.
- MIDDLE & BOTTOM RAILS** 1 5/8" O.D. Pipe, 2.27 lbs. per ft. fastened to posts with galvanized steel or malleable fittings.
- END & CORNER TERMINAL POSTS** 3" O.D. Pipe, 5.79 lbs. per ft.
- TIE WIRES** # 11 gauge galvanized steel wire, spaces 18" apart on all rails and 12" apart on lone posts.

All Posts anchored in concrete footings of a 4000 PSI, 1 1/2", 565 mix. Line posts footings 3'6" deep and 12" in diameter. Terminal post footings 3'6" deep 16" in diameter and all crowned to shed water. All Top, Bottom and Middle Rail schedule 40 piping only. All Terminal Posts, End Corners and Gate Post schedule 40 piping only.

DOUBLE DRIVE GATES
All widths in 8'0", 10'0", 12'0",14'0" Heights

- FABRIC** 2" mesh, #9 gauge wire, galvanized after weaving.
- GATE FRAMES** 2" O.D. Pipe 2.72 lbs. per ft. with 1 5/8" O.D. middle rails. Arc welded construction with proper supporting cables and locking devices.
- GATE POSTS** 4" O.D. pipe, 9.10 lbs. per ft. for all heights of fence in gate openings less than 25'0" wide. 6' 5/8" O.D. Pipe, 18.97 lbs. per all heights of fence, in gate openings 25'0" and over

All gate posts anchored in concrete footings 3'6" deep by 18" in diameter of 4000 PSI, 1 1/2", 565 mix. All Top, Bottom and Middle Rail schedule 40 piping only. All Terminal Posts, End Corners and Gate Post schedule 40 piping only.

ACCESS GATES
4'0" WIDE BY 7'0" HIGH IN 8'0" 10'0" 12'0" 14'0" HEIGHTS

- FABRIC** 2" Mesh, #9 gauge wire, galvanized weaving.
- GATE FRAMES** 1 5/8" O.D. Pipe 2.27 lbs. per ft. with 1 5/8" O.D. middle rail. Arc welded construction with proper locking devices.
- GATE POSTS** 2 1/2" O.D. Pipe, 3.65 lbs. per ft. total height of fence with transom over access gate.

All posts anchored in concrete footings of 4000 PSI, 1 1/2", 565 mix 3'0" deep and 12" in diameter. All Top, Bottom and Middle rail schedule 40 piping only. All Terminal Posts, End Corners and Gate Post schedule 40 piping only.

The above specifications must include all necessary compressor charges where fencing is to be installed in concrete or granite walls.

Installations shall consist of various lengths from 10' panels for repairs in existing fence to lengths of several hundred feet of new fence.

Successful bidder must remove any and all debris resulting from the removal of existing fences and/or the installation of a new fence. All work done under this contract must be carried out and completed to the satisfaction of the City of Lowell.

Insurance must be provided by the successful bidder covering his employees under Chapter 152 of the General Laws Workmen's Compensation.

All bidders must have been engaged in this type of business for a minimum of three years.

The attention of the contractors is particularly called to the requirements as to condition of employment to be observed and minimum wage rates to be paid under the contract as determined by the State Division of Occupational Safety.

NOTE: Tire Wires to be #9 gauge galvanized steel around waterways and or swimming pools. Gate hinges to be of malleable (cast iron) box hinge type

PRICES PER FOOT/CHAIN LINK FENCE

FENCE HEIGHT	4FT	5FT	6FT	8FT	10FT	12FT
EST. QTY.	1500FT	150FT	500FT	500FT	500FT	NONE
2" MESH #9	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
2" MESH #6	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____

PRICES PER FOOT/DOUBLE DRIVE GATES

FENCE HEIGHT	4FT	5FT	6FT	8FT	10FT	12FT
EST. QTY.	5 GATES	2 GATES	5 GATES	5 GATES	2 GATES	5GATES
2" MESH #9	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
2" MESH #6	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____

PRICES-EACH/ACCESS GATES

FENCE HEIGHT	4FT	5FT	6FT	8FT	10FT	12FT
EST. QTY.	5 GATES	2 GATES	5 GATES	5 GATES	2 GATES	5GATES
2" MESH #9	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
2" MESH #6	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____

PRICES-EACH FOR AND GATES & CORNER TERMINAL POSTS

FENCE HEIGHT	4FT	5FT	6FT	8FT	10FT	12FT
EST. QTY.	5 GATES	2 GATES	5 GATES	5 GATES	2 GATES	5GATES
2 1/2" O.D.	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
3" O.D.	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____

REPLACEMENT COSTS

EST. QTY.

200 FT.

1 3/8" O.D. BOTTOM RAIL

\$ _____ PER FOOT

EST. QTY.

500 FT.

1 5/8" O.D. BOTTOM RAIL

\$ _____ PER FOOT

EST. QTY.

500 FT.

1 3/8" GALVANIZED CHAIN

\$ _____ PER FOOT

EST. # HRS 1800 HRS.

	<table border="1"><tr><td>EST. QTY</td></tr></table>	EST. QTY	<table border="1"><tr><td>U/M</td></tr></table>	U/M	<table border="1"><tr><td>PER HOUR</td></tr></table>	PER HOUR
EST. QTY						
U/M						
PER HOUR						
YEAR 1	<u>600</u>	<u>HOURS</u>	_____			
YEAR 2	<u>600</u>	<u>HOURS</u>	_____			
YEAR 3	<u>600</u>	<u>HOURS</u>	_____			

Note: Prevailing Wages, OSHA Certification and proof of Workman's Compensation Insurance are required.

TOTAL CONTRACT NOT TO EXCEED: \$ 450,000.00

YEARLY CONTRACT VALUE NOT TO EXCEED: \$ 150,000.00