

Electric Fence Monitor, llc

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The following is the list of components that are required (plus estimated labor) for a High Voltage Fence. We can usually provide the components or point you in the right direction.

Standard Fence Specifications:

Reasonably level installation with 4 corners
Height to 10 feet; 20 conductors
2 vehicle openings.; 1 personnel opening
10 feet high

Bill of materials for a 1,000 foot ::

see: additional costs for a 2,000 foot fence at end.

1: Wire:

20,000 feet plus :: 3 x 6,000 ft coil/rolls plus 1 x 3,000 ft coil
We suggest and supply the following wire:

- Minimum break strength = 614 lbs
- Ideal for exterior electric fences
- Polished electroplate
- Class 3 galvanized high-tensile wire

3 x 6,000 foot coils @ \$154.00/coil	\$462.00
1 x 3,000 foot coil @ \$82.00/coil	\$82.00

Total fence wire **\$544.00**

2: Fiberglass Support Posts:

Placed approximately every 20 feet around the perimeter. $1,000/20 = (50)$ pieces :: 11 ft long
2 on each corner mounted on the steel posts (8) pieces :: 10 ft long
2 on each gate (6) pieces :: 10 ft long
1 on each bitter end of the fence (6) pieces :: 10 ft long

750 feet cut @ \$1.65/ft =	<u>\$1,237.50</u>
1400 holes drilled :: est:	<u>\$280.00</u>

Note: holes drilled are 1/4" only

Note: use screw-in insulators to mount the wire. See no 3

Note: these are too long to be shipped by regular UPS, etc. and have to be delivered by truck

3: Screw-in Insulators: To use with fiberglass posts.

1,400 screw-in ring insulator @ \$7.00/25 :: 57 bags/25 **\$577.00**
3 drivers 6.80 ea :: **\$20.40**
1,400 plastic screw anchors :: est. **\$80.00**

4: Direct Burial Wire: for Fence connections across/under fence openings

320 foot roll direct burial wire, **\$57.00**
(under gate openings/driveways)

5: Springs:



\$61.95

[S26G: \(10\) Mini Tension Indicator Spring](#)

Light duty compression spring (box of 10). Approx 10#/inch.

Compression types. To allow for heat expansion and contraction and to keep the fence wires tight and prevent sagging. Recommended on all wires runs 10 feet and longer, including the vehicle and pedestrian gates.

6: Controls:

12volt DC High Voltage Fence Charger (1) :: **\$150.00/\$300.00**
12volt DC Fence Voltage Monitor (1) :: **\$495.00/\$565.00**
Misc hookup wire and connections :: est: **\$300.00**
wire crimps for 14-16 gauge wire @ \$8.95/100 ::300 suggested. **\$26.85**

7: Miscellaneous Tools and Hardware:

Fence Voltage meter **\$50.00**
Wire de-reeler with brake **\$89.75**
2 pieces Crimping tools \$15.00 - estimated: **\$20.00 ea**
(grind 1/8 inch hole in the blades of 14 -18 inch wire cutters)

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TOTAL ORDER COSTS for 1,000 of fence **\$4,167.00**

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LOCAL PURCHASE COMPONENTS: (suggest Master Halco supply)

Steel Posts: for changes of direction and ends;

All prices are **estimates only** - - - - -

11: Steel Corner Posts:

1 on each corner (4) pieces :: 4" heavy wall steel pipe, 14 feet long
est: \$150.00 ea =..... **\$600.00**

12: Steel End Posts:

1 on each bitter end (6) 3" x 14 feet :: est \$75.00 ea **\$450.00**

13: Steel Gate Posts: Mounted to move with the gate

2 for each gate 3" x 10 feet (6) :: est \$60.00 ea **\$360.00**

14: Steel Post Hardware: Estimated for the whole fence **\$500.00**

end caps, brace bands, hookup bands

15: Ground Rods:

3-4 interconnected rods and interconnected to the fence ground wires.
one at each corner or 100 yards/meters whichever comes first.

6 rods (8 foot) minimum @ approximately \$20.00 ea **\$120.00**

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Total Local Purchase for 1,000 of fence **\$2,030.00**

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ee: Labor & shipping:

Estimated to be **150 to 200** man-hours

Shipping costs **\$1,000.00 to \$2,000.00** will vary with location and how much you can pickup.

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Additional costs for a 2,000 foot perimeter fence

31: Add for additional 1,000 feet fence x 10 feet

Wire	<u>\$544.00</u>	
Insulators with plastic anchors	<u>\$677.00</u>	
50 pieces 11 foot fiberglass posts / drilled	<u>\$908.00</u>	
<u>-----</u> TOTAL per additional 1,000 feet		<u>\$2,130.00</u>

32. Add for Controls for each additional zone

Zone electronics & connections \$1,200.00/each additional zone

33: Addition Labor per 1,000 ft of Fence:

Add about 75 man-hours for each additional 1,000 feet of fence