

1743 First Avenue South

Seattle, WA 98134

Tel: 206.622.6545

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2-20-2016
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Panic Buttons

Dear James:

Thanks for the nice visit, glad I caught you this morning.

You have requested two Items:

Item # 1: Fire Alarm evacuation extended to the woodshop areas.

Your existing fire alarm is a voice system with the voice coming off of the EST-3 control panel. In addition, you have strobes and some horn strobes that come off the other panels.

You have an existing Annunciator with a paging microphone in the main entrance way.

Here is what we need to do to the woodshop.

First we need to get there.

You have an underground conduit to a vault from the 112 Mechanical room, approx.. location.

We pull Data, wire for strobe/horns, and a pair for speakers for future.

We install strobe/horns in the woodshop area.

4 ea. Horn strobes or speaker strobes for the woodshop area.

We enter in the electrical room with the Bosch panel and we then run the fire alarm raceway in a metal raceway along the edge of the building. The likely mounting may vary, but the device count is accurate. It may make sense to mount them on the all above the doors, and then the restroom.

1 ea. Fire Alarm Panel Modifications

1 ea. Cable for wiring devices, conduit , fittings, fasteners

250' metal raceway along the edge with the devices mounted on them.

1 ea. Pulling wire to the building and thru the above raceway.

1 ea. Engineering for the system

1 ea. AHJ permit for the above, note less than six devices so over the counter.

4 ea. Audible/Visual devices

1 ea. Test, check out , final inspection.

Materials & Permit	\$2,605.00
Labor	\$2,755.00
Final Test with ahj	\$ 275.00
Lot Price, completely installed and guaranteed for one year	\$5, 635.00

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Item # 2:

You have requested two panics for the Main entry, one exists wired up.

The second desk has no panics.

We propose the following:

2 ea. Panic buttons Innovonics

1 ea. Receiver for the panics

Materials for panics and receivers \$605.00

1 ea. Leased AES unit Security \$0.00

Monthly Charge for this service \$45.00/month

Item # 3:

You have an existing Bosch panel that has a telephone line.

We recommend that we get rid of that telephone line.

Average cost of the telephone line is \$40-\$45/month.

This will be eliminated, so net cost additional to you is about \$0.00.

The Bosch panel is without power or battery, so we are sending a service person to figure this out.

We can also provide a wireless monitoring to replace the existing phone line.

There is no charge for this.

We can run a pair of wires or put the wireless device in the unit.

This monitoring would not change.

It is easier and more effective to set up a separate account for this.

Our Wireless Mesch network is perfect for this.

Our wireless device would come with full service

Let me now if you have any questions in regards to this.

Sincerely Yours



Frank A. Close, PE, CEO