

MARCH 20, 2017



SCOPE OF WORK
FOR
WINTHROP HARBOR SCHOOL DISTRICT NO. 1

“WESTFIELD ELEMENTARY SCHOOL – INTERNAL DATA WIRING”

eFusion Solutions

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eFUSION SOLUTIONS - COMPANY OVERVIEW

At eFusion Solutions, we're dedicated to exceeding customer expectations in consulting, network design, engineering, infrastructure installation, and systems integration. Whether you are moving, adding nodes and users, upgrading or implementing network technology, eFusion Solutions will design and execute a custom solution that is right for you. We provide consulting services, network services, project management, and integration and implementation Services. eFusion Solutions is headquartered centrally in the United States. eFusion Solutions has extensive domestic and international experience including Mexico, India, Asia and Europe. We have provided strategic solutions for divisions of Fortune 500 companies in a variety of industries (health care, manufacturing, education, transportation, and communication) and in numerous environments (offices, distribution centers, hospitals, colleges and schools, manufacturing facilities.).

TECHNICAL SERVICES:

eFusion Solutions has a proven track record in providing local and wide area network technology solutions. We help companies in the maintenance and deployment of multiple operating systems. In the analysis, design and installation.

PROJECT NAME:

"Westfield Elementary School – Internal Data Wiring".

SCOPE OF WORK:

The objective is to install wiring and racks at Westfield Elementary School.

eFusion Solutions will perform the following tasks:

- Wiring Installation
- Terminate, Test and Label
- Fiber Optic Cable Installation
- Fiber Optic Cable Termination
- Mount Wall-Mount Rack
- Install 56 conduit sleeves
- Install 2-Post Rack Floor Supported

Deliverables

Deliverables will include the following to complete the project

- Installation of Racks
 - Wiring Installation
 - Testing
-

ESTIMATION OF COST

eFusion Solutions will install, configure, test, and implement the agreed upon hardware and software necessary to meet the project scope as outlined above.

Hardware

Part #	Description	Qty	U/M	Rate	Total
66-240-2A	Superior Essex DataGain® Category 6+CMR	28	box	340.60	9,536.80
61110-RL6	Leviton Insert CAT6+ 110 Blue	217	ea	8.20	1,779.40
69586-U48	Leviton eXtreme 6+ Universal Patch Panel, 48-Port	7	ea	423.95	2,967.65
CP012L551C01-AIAP	AFL 12 Fiber 50/125 OM3 Armored TB Indoor Plenum Premise Cable	500	ft	3.10	1,550.00
95-050-99-X	Corning UniCam LC Connector50/125 OM3/OM4 Laser Optimized	52	ea	25.08	1,304.16
5R1UM-S03	Leviton 1U Rack-Mount Fiber Optic Enclosure – Slideout Shelf	3	ea	275.49	826.47
5F100-12A	Leviton 6-Pack Duplex LC MM, (12-fiber) aqua, zirconia ceramic sleeve	4	ea	93.79	375.16
-	Miscellaneous Hardware, Cable Support, etc.	1	ea	891.78	891.78
	Rack Accessories :				
491RU-HFR	Leviton Horizontal Cable Management, 1RU, 1.5"x3" Front and 1.5"x4" Rear 1RU	1	ea	51.54	51.54
492RU-HFR	Leviton Horizontal Cable Management, 2RU, 3"x3" Front and 2"x4" Rear	5	ea	57.06	285.30
4980L-VFR	Leviton Vertical Front and Rear Cable Management, 5" Channel x 80" Long, Black Snap-On Cover	2	ea	54.37	108.74

Hardware \$19,677.00

Labor

Description	Qty	U/M	Rate	Total
Wiring Installation - Place (1 ea) 4-Pair Cat6 Cable – Terminate, Test and Label	217	ea	115.05	24,965.85
Fiber Optic Cable Installation 12 Strand -Armored (450')	1	ft	1,227.20	1,227.20
Fiber Optic Cable Termination	48	ea	44.25	2,124.00
Mount Wall-Mount Rack	1	ea	153.40	153.40
Install 56 conduit sleeves	1	ea	767.00	767.00

Labor \$29,237.45

COSTS SUMMARY:

ESTIMATED HARDWARE COST: \$19,677.00

Estimated Labor Cost: \$29,237.45

TOTAL COST : \$ 48,914.45

Project Timeline:

eFusion Solutions will start the implementation of the proposed project upon receipt of confirmation

ASSUMPTIONS

The Client will provide the following:

- Client will assign an internal authoritative contact for the successful completion of this project.
- Client will ensure availability of team members as needed.
- Client will provide adequate on site work area, telephones and access to the Internet as required.

NOTICE

This proposal is valid for 30 days from the date on the cover page.

Terms of this proposal are Net 15 Days upon completion

eFusion Solutions cannot be held responsible for project delays associated with the acquisition of hardware, software, and electronics components.

Primary Contact/Notice Address:

Client :

Ted Brooks
Winthrop Harbor School District 1, 500 North Ave, Winthrop Harbor, IL 60096

Contractor:

Illyas Siddiqui
eFusion Solutions, 2300 North Barrington Road, Suite # 400, Hoffman Estates, IL 60169

Integration Partner:

Chris Pedersen
GHA Technologies, Inc., 8998 East Raintree Dr., Scottsdale, AZ 85260

In scope

The above mentioned deliverables are included as part of the project. Locations included are as follows

- 1) Westfield Elementary School - Winthrop Harbor

Out of scope

Item which are not mentioned as part of the deliverables.

SIGNATURES:

By signing this document Client agrees to accept this proposal with an estimated cost of: \$ 48,914.45

Contractor: eFusion Solutions

Client: Winthrop Harbor School District 1

By: Huda Quadri
(Signature)

By: [Signature]
(Signature)

Name: Huda Quadri
(Please Print)

Name: Patricia Goodwin
(Please Print)

Title: President.

Title: Superintendent

Date: 5/1/17.

Date: 5/1/17