

**BID RESPONSE
BID #13-029/LC**

**FIBER OPTIC ENGINEERING, DESIGN, MATERIAL, SUPPLIES
AND INSTALLATION, TERM CONTRACT**

SECTION A

ITEM	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL OFFER
LABOR					
1.	Labor - Engineering Florida PE Services, (per Hour)	63	HR	\$ <u>225.00</u>	\$ <u>14,175.00</u>
2.	Labor - BICSI RCDD, (per Hour)	63	HR	\$ <u>135.00</u>	\$ <u>8,505.00</u>
3.	Labor - CADD Operator, (per Hour)	88	HR	\$ <u>85.00</u>	\$ <u>7,480.00</u>
4.	Labor - Clerical Support Services, (per Hour)	113	HR	\$ <u>38.00</u>	\$ <u>4,294.00</u>
5.	Labor - Comm. Cable - Electronics Technician (per Hour)	100	HR	\$ <u>85.00</u>	\$ <u>8,500.00</u>
6.	Labor - Comm. Cable Installer (per Hour)	175	HR	\$ <u>75.00</u>	\$ <u>13,125.00</u>
7.	Labor - Comm. Duct Installer (per Hour)	300	HR	\$ <u>75.00</u>	\$ <u>22,500.00</u>
8.	Labor - Service Trip Charge (per Service Visit)	5	SV	\$ <u>650.00</u>	\$ <u>3,250.00</u>
9.	Labor - OSP ROW Strand Mapping	5	MILE	\$ <u>2,000.00</u>	\$ <u>10,000.00</u>
10.	Labor - OSP ROW Design and Permitting	50	MILE	\$ <u>1,500.00</u>	\$ <u>75,000.00</u>
11.	Labor - OSP GPS Survey	50	MILE	\$ <u>750.00</u>	\$ <u>37,500.00</u>
12.	Labor - OSP GIS Technician	50	MILE	\$ <u>500.00</u>	\$ <u>25,000.00</u>
TOTAL OFFER SECTION A (ITEMS 1 - 12)					\$ <u>229,329.00</u>

TOTAL OFFER SECTION A	WEIGHT FACTOR	TOTAL FACTORED RATE SECTION A
\$ <u>229,329.00</u>	x .10	= \$ <u>22,932.90</u>

All unit prices bid should be within two (2) decimal points. If bidder's pricing exceeds two (2) decimal points, Purchasing reserves the right to round up or down accordingly.

Continued...

FIRM NAME:

Precision Contracting Services Inc.

**BID RESPONSE
 BID #13-029/LC**

**FIBER OPTIC ENGINEERING, DESIGN, MATERIAL, SUPPLIES
 AND INSTALLATION, TERM CONTRACT**

SECTION B

ITEM	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL OFFER
	OSP CONSTRUCTION - UNDERGROUND				
13.	Conduit - 2" placed at 24", machine trenched, per 10 Feet (Furnished and Installed)	5	LF	\$ <u>3.50</u>	\$ <u>17.50</u>
14.	Conduit - 2" placed 36", machine trenched, per Foot (Furnished and Installed)	30,000	LF	\$ <u>3.95</u>	\$ <u>118,500.00</u>
15.	Conduit - 2" placed 24" hand trenched, per Foot (Furnished and Installed)	5	LF	\$ <u>3.95</u>	\$ <u>19.75</u>
16.	Conduit - 2" placed 36", hand trenched, per Foot (Furnished and Installed)	2,000	LF	\$ <u>4.95</u>	\$ <u>9,900.00</u>
17.	Conduit - 2", extra pipe, per Foot (Furnished and Installed)	500	LF	\$ <u>1.50</u>	\$ <u>750.00</u>
18.	Placement - 1 1/4", innerduct, corrugated, colored, per Foot (Furnished and Installed)	5	LF	\$ <u>1.50</u>	\$ <u>7.50</u>
19.	Placement - 4W 1 1/4", HDPE colored, per Foot (Furnished and Installed)	5	LF	\$ <u>5.00</u>	\$ <u>25.00</u>
20.	MaxCell placement - 3 cell for 2" and larger conduits, per Foot (Furnished and Installed)	500	LF	\$ <u>4.25</u>	\$ <u>2,125.00</u>
21.	Placement - cable direct bury, plow, 30" placement, per Foot (Furnished and Installed)	5	LF	\$ <u>3.95</u>	\$ <u>19.75</u>
22.	Placement - 2" HDPE, directional bore, per foot (Furnished and Installed)	500	LF	\$ <u>12.00</u>	\$ <u>6,000.00</u>
23.	Placement - 2" HDPE, Directional Bore, Special Conditions, per Foot (Furnished and Installed)	25	LF	\$ <u>18.00</u>	\$ <u>450.00</u>
24.	Placement - 8" HDPE, Directional Bore, under waterway, <1000lf, per Foot (Furnished and Installed)	5	LF	\$ <u>75.00</u>	\$ <u>375.00</u>

All unit prices bid should be within two (2) decimal points. If bidder's pricing exceeds two (2) decimal points, Purchasing reserves the right to round up or down accordingly.

Continued...

FIRM NAME:

Precision Contracting Services, Inc.

**BID RESPONSE
 BID #13-029/LC**

**FIBER OPTIC ENGINEERING, DESIGN, MATERIAL, SUPPLIES
 AND INSTALLATION, TERM CONTRACT**

ITEM	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL OFFER
25.	Placement – 2" RGS per Foot (Furnished and Installed)	125	LF	\$ <u>15.00</u>	\$ <u>1,875.00</u>
26.	Placement – 4" RGS per Foot (Furnished and Installed)	5	LF	\$ <u>25.00</u>	\$ <u>125.00</u>
27.	Placement – 2" Fiberglass, Bridge mount, per Foot (Furnished and Installed)	100	LF	\$ <u>40.00</u>	\$ <u>4,000.00</u>
28.	Placement – 4" Fiberglass, Bridge mount, per Foot (Furnished and Installed)	5	LF	\$ <u>95.00</u>	\$ <u>475.00</u>
29.	Detection – Detectable Tracer Wire, per Foot (Furnished and Installed)	62,500	LF	\$ <u>0.35</u>	\$ <u>21,875.00</u>
30.	Detection – Detectable Marking Tape, per Foot (Furnished and Installed)	50	LF	\$ <u>0.75</u>	\$ <u>37.50</u>
31.	Detection – Jet Line, per Foot (Furnished and Installed)	500	LF	\$ <u>0.35</u>	\$ <u>175.00</u>
32.	ROW Detection – ROW Delineator Marker Post, orange, 6', per Each (Furnished and Installed)	1	EACH	\$ <u>85.00</u>	\$ <u>85.00</u>
33.	Cable Route Markers - Tubular, Type III HDPE	80	EACH	\$ <u>65.00</u>	\$ <u>5,200.00</u>

All unit prices bid should be within two (2) decimal points. If bidder's pricing exceeds two (2) decimal points, Purchasing reserves the right to round up or down accordingly.

Continued...

FIRM NAME:

Precision Contracting Services, Inc.

**BID RESPONSE
BID #13-029/LC**

**FIBER OPTIC ENGINEERING, DESIGN, MATERIAL, SUPPLIES
AND INSTALLATION, TERM CONTRACT**

ITEM	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL OFFER
	FIBER OPTIC CABLES				
34.	FO Cable – 12 fiber, Single-Mode, Loose-Tube Construction, Aerial Placement, per Foot (Furnished and Installed)	2,750	LF	\$ <u>1.25</u>	\$ <u>3,437.50</u>
35.	FO Cable – 12 fiber, Single-Mode, Loose tube construction, Underground Placement, per Foot (Furnished and Installed)	2,750	LF	\$ <u>1.20</u>	\$ <u>3,300.00</u>
36.	FO Cable – 24 fiber, Single-Mode, Loose-Tube Construction, Aerial Placement, per Foot (Furnished and Installed)	5,000	LF	\$ <u>1.30</u>	\$ <u>6,500.00</u>
37.	FO Cable – 24 fiber, Single-Mode, Loose tube construction, Underground Placement, per Foot (Furnished and Installed)	5,000	LF	\$ <u>1.25</u>	\$ <u>6,250.00</u>
38.	FO Cable – 48 fiber, Single-Mode, Loose-Tube Construction, Aerial Placement, per Foot (Furnished and Installed)	50,000	LF	\$ <u>1.35</u>	\$ <u>67,500.00</u>
39.	FO Cable – 48 fiber, Single-Mode, Loose-Tube Construction, Underground Placement, per foot (Furnished and Installed)	50,000	LF	\$ <u>1.30</u>	\$ <u>65,000.00</u>
40.	FO Cable – 72 fiber, Single-Mode, Loose-Tube Construction, Aerial Placement, per Foot (Furnished and Installed)	5	LF	\$ <u>1.70</u>	\$ <u>8.50</u>
41.	FO Cable – 72 fiber, Single-Mode, Loose-Tube Construction, Underground Placement, per Foot (Furnished and Installed)	5	LF	\$ <u>1.65</u>	\$ <u>8.25</u>
42.	FO Cable – 96 fiber, Single-Mode, Loose-Tube Construction, Aerial Placement, per Foot (Furnished and Installed)	27,500	LF	\$ <u>1.80</u>	\$ <u>49,500.00</u>
43.	FO Cable – 96 fiber, Single-Mode, Loose-Tube Construction, Underground Placement, per Foot (Furnished and Installed)	27,500	LF	\$ <u>1.75</u>	\$ <u>48,125.00</u>
44.	FO Cable – 144 fiber, Single-Mode, Loose-Tube Construction, Aerial Placement, per Foot (Furnished and Installed)	5	LF	\$ <u>2.50</u>	\$ <u>12.50</u>

All unit prices bid should be within two (2) decimal points. If bidder's pricing exceeds two (2) decimal points, Purchasing reserves the right to round up or down accordingly.

Continued...

FIRM NAME:

Precision Contracting Services, Inc.

**BID RESPONSE
 BID #13-029/LC**

**FIBER OPTIC ENGINEERING, DESIGN, MATERIAL, SUPPLIES
 AND INSTALLATION, TERM CONTRACT**

ITEM	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL OFFER
45.	FO Cable – 144 fiber, Single-Mode, Loose-Tube Construction, Underground Placement, per Foot (Furnished and Installed)	5	LF	\$ <u>2.35</u>	\$ <u>11.75</u>
46.	FO Cable – 12 fiber, Multi-Mode, Loose-Tube Construction, Aerial Placement, per Foot (Furnished and Installed)	5	LF	\$ <u>2.65</u>	\$ <u>13.25</u>
47.	FO Cable – 12 fiber, Multi-Mode, Loose-Tube Construction, Underground Placement, per Foot (Furnished and Installed)	5	LF	\$ <u>2.60</u>	\$ <u>13.00</u>
48.	FO Cable – 24 fiber, Multi-Mode, Loose-Tube Construction, Aerial Placement, per Foot (Furnished and Installed)	5	LF	\$ <u>4.15</u>	\$ <u>20.75</u>
49.	FO Cable – 24 fiber, Multi-Mode, Loose-Tube Construction, Underground Placement, per Foot (Furnished and Installed)	5	LF	\$ <u>4.00</u>	\$ <u>20.00</u>
50.	FO Cable – 24 fiber, Single-Mode, All Dielectric Self Supporting Construction, Aerial Placement, per Foot (Furnished and Installed)	5	LF	\$ <u>2.35</u>	\$ <u>11.75</u>
51.	FO Cable – 48 fiber, Single-Mode, All Dielectric Self Supporting Construction, Aerial Placement, per Foot (Furnished and Installed)	5	LF	\$ <u>2.75</u>	\$ <u>13.75</u>
52.	FO Cable – 96 fiber, Single-Mode, All Dielectric Self Supporting Construction, Aerial Placement, per Foot (Furnished and Installed)	5	LF	\$ <u>3.25</u>	\$ <u>16.25</u>
53.	FO Cable – 144 fiber, Single-Mode, All Dielectric Self Supporting Construction, Aerial Placement, per Foot (Furnished and Installed)	5	LF	\$ <u>3.95</u>	\$ <u>19.75</u>

All unit prices bid should be within two (2) decimal points. If bidder's pricing exceeds two (2) decimal points, Purchasing reserves the right to round up or down accordingly.

Continued...

FIRM NAME:

Precision Contracting Services, Inc.

**BID RESPONSE
BID #13-029/LC**

**FIBER OPTIC ENGINEERING, DESIGN, MATERIAL, SUPPLIES
AND INSTALLATION, TERM CONTRACT**

ITEM	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL OFFER
54.	FO Cable – 24 fiber, Single-Mode, Riser Rated Construction, per Foot (Furnished and Installed)	5	LF	\$ <u>1.95</u>	\$ <u>9.75</u>
55.	FO Cable – 48 fiber, Single-Mode, Riser Rated Construction, per Foot (Furnished and Installed)	5	LF	\$ <u>2.95</u>	\$ <u>14.75</u>
56.	FO Cable – 96 fiber, Single-Mode, Riser Rated Construction, per Foot (Furnished and Installed)	5	LF	\$ <u>3.95</u>	\$ <u>19.75</u>
57.	FO Cable – 12 fiber, Multi-Mode, Riser Rated Construction, per Foot (Furnished and Installed)	5	LF	\$ <u>2.95</u>	\$ <u>14.75</u>
58.	FO Cable – 24 fiber, Multi-Mode, Riser Rated Construction, per Foot (Furnished and Installed)	5	LF	\$ <u>4.25</u>	\$ <u>21.25</u>
59.	FO Cable – 12 fiber, Single-Mode, Plenum Construction, per Foot (Furnished and Installed)	5	LF	\$ <u>2.95</u>	\$ <u>14.75</u>
60.	FO Cable – 24 fiber, Single-Mode, Plenum Construction, per Foot (Furnished and Installed)	100	LF	\$ <u>4.25</u>	\$ <u>425.00</u>
61.	FO Cable – 48 fiber, Single-Mode, Plenum Construction, per Foot (Furnished and Installed)	5	LF	\$ <u>5.00</u>	\$ <u>25.00</u>
62.	FO Cable – 96 fiber, Single-Mode, Plenum Construction, per Foot (Furnished and Installed)	5	LF	\$ <u>15.00</u>	\$ <u>75.00</u>

All unit prices bid should be within two (2) decimal points. If bidder's pricing exceeds two (2) decimal points, Purchasing reserves the right to round up or down accordingly.

Continued...

FIRM NAME:

Precision Contracting Services, Inc.

****REVISED****
BID RESPONSE
BID #13-029/LC

**FIBER OPTIC ENGINEERING, DESIGN, MATERIAL, SUPPLIES
AND INSTALLATION, TERM CONTRACT**

ITEM	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL OFFER
63.	FO Cable – 12 fiber, Multi-Mode, Plenum Rated Construction, Tight Buffer, per Foot (Furnished and Installed)	5	LF	\$ <u>4.25</u>	\$ <u>21.25</u>
64.	FO Cable – 24 fiber, Multi-Mode, Plenum Rated Construction, Tight Buffer, per Foot (Furnished and Installed)	5	LF	\$ <u>5.75</u>	\$ <u>28.75</u>
65.	FO Cable – 12 fiber, Multi-Mode, Plenum Rated Construction, per Foot (Furnished and Installed)	5	LF	\$ <u>4.25</u>	\$ <u>21.25</u>
66.	FO Cable – 24 fiber, Multi-Mode, Plenum Rated Construction, per Foot (Furnished and Installed)	5	LF	\$ <u>5.75</u>	\$ <u>28.75</u>
	OPTICAL SPLICING & TERMINATION				
67.	FO Cable – 12 fiber, Single-Mode or Multi-Mode, Termination, Wall / Rack Cabinet, trays, pigtails, splices, per Each (Furnished and Installed)	20	EACH	\$ <u>955.00</u>	\$ <u>19,100.00</u>
68.	FO Cable – 24 fiber, Single-Mode or Multi-Mode, Termination, Wall / Rack Cabinet, trays, pigtails, splices, per Each (Furnished and Installed)	20	EACH	\$ <u>1,375.00</u>	\$ <u>27,500.00</u>
69.	FO Cable – 48 fiber, Single-Mode or Multi-Mode, Termination, Wall / Rack Cabinet, trays, pigtails, splices, per Each (Furnished and Installed)	13	EACH	\$ <u>2,525.00</u>	\$ <u>32,825.00</u>
70.	FO Cable – 72 fiber, Single-Mode or Multi-mode, Termination, Wall / Rack Cabinet, trays, pigtails, splices, per Each (Furnished and Installed)	3	EACH	\$ <u>3,795.00</u>	\$ <u>11,385.00</u>
71.	FO Cable – 96 fiber, Single-Mode or Multi-Mode, Termination, Wall / Rack Cabinet, trays, pigtails, splices, per Each (Furnished and Installed)	6	EACH	\$ <u>4,795.00</u>	\$ <u>28,770.00</u>

All unit prices bid should be within two (2) decimal points. If bidder's pricing exceeds two (2) decimal points, Purchasing reserves the right to round up or down accordingly.

Continued...

FIRM NAME:

Precision Contracting Services, Inc.

****REVISED****
BID RESPONSE
BID #13-029/LC

**FIBER OPTIC ENGINEERING, DESIGN, MATERIAL, SUPPLIES
AND INSTALLATION, TERM CONTRACT**

ITEM	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL OFFER
72.	FO Cable – 144 fiber, Single-Mode or Multi-Mode, Termination, Wall / Rack Cabinet, trays, pigtails, splices, per Each (Furnished and Installed)	1	EACH	\$ <u>6,995.00</u>	\$ <u>6,995.00</u>
73.	FO Cable – 06 fiber, Single-Mode, Buffer fan-out kit, per Each (Furnished and Installed)	5	EACH	\$ <u>45.00</u>	\$ <u>225.00</u>
74.	FO Cable – 12 fiber, Single-Mode, Buffer fan-out kit, per Each (Furnished and Installed)	5	EACH	\$ <u>55.00</u>	\$ <u>275.00</u>
75.	FO Connector – ST type, Multi-Mode, Unicam connector, per Each (Furnished and Installed)	10	EACH	\$ <u>50.00</u>	\$ <u>500.00</u>
76.	FO Connector – ST type, Single-Mode, Unicam connector, per Each (Furnished and Installed)	10	EACH	\$ <u>55.00</u>	\$ <u>550.00</u>
77.	FO Closure – Splice Closure, 12 fiber, Aerial or UG installation, trays, splices, per Each (Furnished and Installed)	20	EACH	\$ <u>925.00</u>	\$ <u>18,500.</u>
78.	FO Closure – Splice Closure, 24 fiber, Aerial or UG installation, trays, splices, per Each (Furnished and Installed)	10	EACH	\$ <u>1,275.00</u>	\$ <u>12,750.00</u>
79.	FO Closure – Splice Closure, 48 fiber, Aerial or UG installation, trays, splices, per Each (Furnished and Installed)	5	EACH	\$ <u>1,895.00</u>	\$ <u>9,475.00</u>
80.	FO Closure – Splice Closure, 72 fiber, Aerial or UG installation, trays, splices, per Each (Furnished and Installed)	1	EACH	\$ <u>2,795.00</u>	\$ <u>2,795.00</u>
81.	FO Closure – Splice Closure, 96 fiber, Aerial or UG installation, trays, splices, per Each (Furnished and Installed)	8	EACH	\$ <u>3,225.00</u>	\$ <u>25,800.00</u>
82.	FO Closure – Re-Entry Kit, Cable Preparation, up to 144 fiber, aerial or UG installation, per Each (Furnished and Installed)	15	EACH	\$ <u>375.00</u>	\$ <u>5,625.00</u>
83.	OTDR Test any wavelength, one direction, bare fiber, per Each	2,250	EACH	\$ <u>5.00</u>	\$ <u>11,250.00</u>

All unit prices bid should be within two (2) decimal points. If bidder's pricing exceeds two (2) decimal points, Purchasing reserves the right to round up or down accordingly.

Continued...

FIRM NAME:

Precision Contracting Services Inc.

**BID RESPONSE
BID #13-029/LC**

**FIBER OPTIC ENGINEERING, DESIGN, MATERIAL, SUPPLIES
AND INSTALLATION, TERM CONTRACT**

ITEM	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL OFFER
84.	FO Closure – Splice Tray, Fusion Heatshrink, 12 fiber, 12" size, per Each (Furnished and Installed)	5	EACH	\$ <u>45.00</u>	\$ <u>225.00</u>
85.	FO Closure – Splice Tray, Fusion Heatshrink, 24 fiber, 12" size, per Each (Furnished and Installed)	5	EACH	\$ <u>65.00</u>	\$ <u>325.00</u>
86.	FO Splice – Fusion Splice, Heat Shrink < 0.04 db, OSP, including pigtail as needed, per Each (Furnished and Installed)	250	EACH	\$ <u>45.00</u>	\$ <u>11,250.00</u>
87.	OSP Aerial – Messenger Cable, 1/4", per Foot, (Furnished and Installed)	50,000	LF	\$ <u>1.25</u>	\$ <u>62,500.00</u>
88.	OSP Aerial – Remove Messenger Cable, 1/4", per Foot	500	LF	\$ <u>0.65</u>	\$ <u>325.00</u>
89.	OSP Aerial – Pole Attachment, Loose Tube, with J-Hook Concrete Pole, per Each, (Furnished and Installed)	100	EACH	\$ <u>145.00</u>	\$ <u>14,500.00</u>
90.	OSP Aerial – Pole Attachment, Loose Tube, with J-Hook Wood Pole, per Each, (Furnished and Installed)	100	EACH	\$ <u>125.00</u>	\$ <u>12,500.00</u>
91.	OSP Aerial – Place Pole Riser, 2", RGS, per Foot, (Furnished and Installed)	100	LF	\$ <u>18.00</u>	\$ <u>1,800.00</u>
92.	OSP Aerial – Place Pre-Stressed Concrete, 35 ft., Utility, per Each, (Furnished and Installed)	1	EACH	\$ <u>10,250.00</u>	\$ <u>10,250.00</u>
93.	OSP Aerial – Place Pre-Stressed Concrete, 45 ft., Utility, per Each, (Furnished and Installed)	1	EACH	\$ <u>11,250.00</u>	\$ <u>11,250.00</u>
94.	OSP Aerial – Place Pre-Stressed Concrete, 70 ft., Utility, per Each, (Furnished and Installed)	8	EACH	\$ <u>13,995.00</u>	\$ <u>111,960.00</u>
95.	OSP Aerial – Place Down Guy Anchor, 6', per Each, (Furnished and Installed)	5	EACH	\$ <u>395.00</u>	\$ <u>1,975.00</u>

All unit prices bid should be within two (2) decimal points. If bidder's pricing exceeds two (2) decimal points, Purchasing reserves the right to round up or down accordingly.

Continued...

FIRM NAME:

Precision Contracting Services, Inc.

****REVISED****
BID RESPONSE
BID #13-029/LC

**FIBER OPTIC ENGINEERING, DESIGN, MATERIAL, SUPPLIES
AND INSTALLATION, TERM CONTRACT**

ITEM	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL OFFER
PULL BOXES					
96.	Pull Box – Concrete, 4' x 4' x 4', with Steel Lid, per Each (Furnished and Installed)	5	EACH	\$ <u>4,795.00</u>	\$ <u>23,975.00</u>
97.	Pull Box – Composite construction, 24" x 36" x 24", with Composite Lid, per Each, (Furnished and Installed)	40	EACH	\$ <u>695.00</u>	\$ <u>27,800.00</u>
98.	Pull Box – Composite construction, 24" x 36" x 24", Traffic Rated, with Composite Traffic Rated Lid, per Each, (Furnish and Install)	5	EACH	\$ <u>975.00</u>	\$ <u>4,875.00</u>
99.	Pull Box – Composite construction, 17" x 30" x 12", with Composite Lid, per Each, (Furnished and Installed)	88	EACH	\$ <u>525.00</u>	\$ <u>46,200.00</u>
100.	Pull Box – Composite construction, 17" x 30" x 12", Traffic Rated, with Composite Traffic Rated Lid, per Each, (Furnished and Installed)	5	EACH	\$ <u>695.00</u>	\$ <u>3,475.00</u>
101.	Field Device Cabinet Type I – (Powers, lighting, surge suppression, insulation) (66" x 24" x 30") (Furnished and Installed)	2	EACH	\$ <u>6,995.00</u>	\$ <u>13,990.00</u>
102.	Field Device Cabinet Type I – (66" x 24" x 30") (Furnished and Installed)	2	EACH	\$ <u>7,295.00</u>	\$ <u>14,590.00</u>
TOTAL OFFER SECTION B (ITEMS 13 - 102)					\$ <u>1,010,624.⁰⁰</u>

TOTAL OFFER SECTION B	WEIGHT FACTOR	TOTAL FACTORED RATE SECTION B
\$ <u>1,010,624.⁰⁰</u> x	.90 =	\$ <u>909,561.60</u>

All unit prices bid should be within two (2) decimal points. If bidder's pricing exceeds two (2) decimal points, Purchasing reserves the right to round up or down accordingly.

Continued...

FIRM NAME:

Precision Contracting Services Inc.

**BID RESPONSE
BID #13-029/LC**

**FIBER OPTIC ENGINEERING, DESIGN, MATERIAL, SUPPLIES
AND INSTALLATION, TERM CONTRACT**

TOTAL FACTORED RATE SECTION A		TOTAL FACTORED RATE SECTION B		GRAND TOTAL FACTORED RATE
\$22,932.90	+	\$909,561.60	=	\$932,494.50

All unit prices bid should be within two (2) decimal points. If bidder's pricing exceeds two (2) decimal points, Purchasing reserves the right to round up or down accordingly.

Did Bidder attend the Mandatory Pre-Bid Conference, per Term and Condition #9?

Yes ☒ Initial *SB*

Is Qualification of Bidders information included, per Term and Condition #10?

Yes ☒ Initial *SB*

Does bidder clearly understand the Criminal History Records Check, per Term and Condition #11

Yes ☒ Initial *SB*

Does bidder clearly understand the Insurance requirement, per Term and Condition #21?

Yes ☒ Initial *SB*

*** PLEASE AFFIX SIGNATURE WHERE INDICATED
(FAILURE TO DO SO SHALL RESULT IN THE REJECTION OF YOUR BID)**

By signature on this document, bidder acknowledges and agrees that its offer includes and accepts all terms, conditions, and specifications of the County's bid solicitation as originally published, without exception, change or alteration of any kind, except as may have been published by the County in official amendments prior to this date of submittal.

Per General Term and Condition #7, if bidder is a Joint Venture for the goods/services described herein, bidder shall, upon request of Palm Beach County, provide a copy of the Joint Venture Agreement signed by all parties.

FIRM NAME: (Enter the entire legal name of the bidding entity)

DATE:

Precision Contracting Services Inc.

11/31/13

PRINT NAME:

Sara L. Boyd

PRINT TITLE:

Secretary

* SIGNATURE:

[Signature]

ADDRESS:

15834 Bulld Court

CITY / STATE:

Jupiter FL

ZIP CODE:

33478

TELEPHONE # (561) 743-9737

E-MAIL: *bboyd@pcsfiber.com*

TOLL FREE # *855-326-3674*

FAX #: (561) 743-0725

APPLICABLE
LICENSE(S)
NUMBER #

*ES0000245-Specialty Elec. Contractor
EG-13-000230-Alarm System Contractor II*

FEDERAL ID #

59-3057681

AMENDMENT #1 continued...

BID #:13-029/LC

TITLE: Fiber Optic Engineering, Design, Material, Supplies and Installation,
Term Contract

- **DELETE BID RESPONSE PAGES #44, #45 AND #47 AND REPLACE WITH ATTACHED REVISED BID RESPONSE PAGES #44, #45 AND #47.**

NOTE: This executed amendment shall be returned with your bid response. Failure to include the executed amendment and revised bid response pages shall result in rejection of your bid.

Precision Contracting Services Inc.

COMPANY NAME

[Signature]

SIGNATURE / DATE

Laura Cates

LAURA CATES
SENIOR BUYER

Tammy Smith

TAMMY SMITH
PURCHASING MANAGER

AMENDMENT #2

Dated: February 6, 2013

PALM BEACH COUNTY PURCHASING DEPARTMENT
50 SOUTH MILITARY TRAIL, SUITE 110
WEST PALM BEACH, FLORIDA 33415-3199

BID #: 13-029/LM

TITLE: FIBER OPTIC ENGINEERING, DESIGN, MATERIAL, SUPPLIES AND
INSTALLATION, TERM CONTRACT

OPENING
DATE: SEE BELOW

BID OPENING DATE HAS BEEN POSTPONED UNTIL FURTHER NOTICE.

Precision Contracting Services, Inc.
Company Name

[Signature]
Signature / Date

[Signature]
LAURA CATES
SENIOR BUYER

Tammy Smith
TAMMY SMITH
PURCHASING MANAGER

AMENDMENT #3**Dated:** February 12, 2013

**PALM BEACH COUNTY PURCHASING DEPARTMENT
50 SOUTH MILITARY TRAIL, SUITE 110
WEST PALM BEACH, FLORIDA 33415-3199**


BID #: 13-029/LC


**TITLE: Fiber Optic Engineering, Design, Material, Supplies and
Installation, Term Contract**

**OPENING
DATE: SEE BELOW**

- BID OPENING HAS BEEN SCHEDULED FOR FEBRUARY 21, 2013
AT 2:00 P.M.**
- REFERENCE TERMS & CONDITIONS, PAGE #8, TERM AND
CONDITION #10 QUALIFICATION OF BIDDERS, DELETE SECOND
BULLET IN IT'S ENTIRETY**
 - ~~• Submit written evidence that bidder's company has a Corning NPI (Network
of Preferred Installers) Certification.~~

NOTE: Please acknowledge receipt of this amendment by signing and returning with
your Bid Response.


COMPANY NAME


LAURA CATES
SENIOR BUYER


SIGNATURE / DATE


TAMMY SMITH
PURCHASING MANAGER

AMENDMENT #4**Dated: February 19, 2013**

**PALM BEACH COUNTY PURCHASING DEPARTMENT
50 SOUTH MILITARY TRAIL, SUITE 110
WEST PALM BEACH, FLORIDA 33415-3199**

BID #: 13-029/LC**TITLE:** Fiber Optic Engineering, Design, Material, Supplies and Installation,
Term Contract**OPENING
DATE:** February 21, 2013

- **REFERENCE TERMS & CONDITIONS, PAGE #10, TERM AND
CONDITION #19, WARRANTY change to read:**

19. WARRANTY

The successful bidder shall fully warrant all labor furnished hereunder against defect in workmanship for a period of ninety (90) days from date of delivery and acceptance by Palm Beach County, associated components furnished hereunder against defect in materials and/or workmanship for a period of one (1) year from date of delivery and acceptance by Palm Beach County and fiber furnished hereunder against defect in materials and/or workmanship for a minimum of twenty (20) years from date of delivery and acceptance by Palm Beach County. Should any defect in materials or workmanship, excepting ordinary wear and tear, appear during the above stated warranty period, the successful bidder shall repair or replace same at no cost to Palm Beach County, immediately upon written notice from the Director of Purchasing.

**NOTE: This executed amendment shall be returned with your bid response.
Failure to return with bid response shall result in rejection of your bid.**

Precision Contracting Services, Inc.

COMPANY NAME

Laura Cates

LAURA CATES
SENIOR BUYER

Tammy Smith

SIGNATURE / DATE
Tammy Smith

TAMMY SMITH
PURCHASING MANAGER

CERTIFICATION OF BUSINESS LOCATION
BID #13-029/LC

In accordance with the Palm Beach County Local Preference Ordinance, as amended, a preference will be given to: (1) bidders/proposers having a permanent place of business in Palm Beach County ("County"); (2) bidders/proposers having a permanent place of business in the Glades that are able to provide the goods, services or construction to be utilized or built within the Glades; and (3) bidders/proposers having a permanent place of business in the County (non-Glades business) who utilize Glades subcontractors for construction projects in the Glades. To receive a local preference, bidders/proposers must have a permanent place of business within the County or the Glades, as applicable, prior to the County's issuance of any solicitation that meets or exceeds the mandatory bid/proposal amount. A Business Tax Receipt which is issued by the Palm Beach County Tax Collector, authorizes the bidder/proposer to provide the goods/services to be purchased, and will be used to verify that the bidder/proposer had a permanent place of business prior to the issuance of the solicitation. The bidder/proposer must submit this Certification of Business Location ("Certification") along with the required Business Tax Receipt at the time of bid or proposal submission. The Business Tax Receipt and this Certification are the sole determinant of local preference eligibility. Errors in the completion of this Certification or failure to submit this completed Certification will cause the bidder/proposer to not receive a local preference.

In instances where the bidder/proposer is exempt by law from the requirement of obtaining a Business Tax Receipt, the bidder/proposer must: (a) provide a citation to the specific statutory exemption; and (b) provide other documentation which clearly establishes that the bidder/proposer had a permanent place of business within the County or the Glades prior to the date of issuance of the solicitation. The County hereby retains the right to contact said bidders/proposers for additional information related to this requirement after the bid/proposal due date.

I. Bidder/Proposer is a:

✓ Local Business: A local business has a permanent place of business in Palm Beach County.

(Please indicate):

✓ Headquarters located in Palm Beach County
✓ Permanent office or other site located in Palm Beach County from which a vendor will produce a substantial portion of the goods or services.

 Glades Business: A Glades business has a permanent place of business in the Glades.

(Please indicate):

 Headquarters located in the Glades
 Permanent office or other site located in the Glades from which a vendor will produce a substantial portion of the goods or services.

II. The attached copy of bidder's/proposer's County Business Tax Receipt verifies bidder's/proposer's permanent place of business.

THIS CERTIFICATION is submitted by Sara L. Boyd, as
 (Name of Individual)

Secretary of Precision Contracting Services, Inc.
 (Title/Position) (Firm Name of Bidder/Proposer)

who hereby certifies that the information stated above is true and correct and that the County Business Tax Receipt is a true and correct copy of the original. Further, it is hereby acknowledged that any misrepresentation by the bidder/proposer on this Certification will be considered an unethical business practice and be grounds for sanctions against future County business with the bidder/proposer.

[Signature]
 (Signature)

1/31/13
 (Date)



ANNE M. GANNON
CONSTITUTIONAL TAX COLLECTOR
Serving Palm Beach County

P.O. Box 3353, West Palm Beach, FL 33402-3353
www.taxcollectorpbcc.com Tel: (561) 355-2272

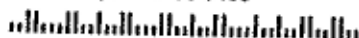
"LOCATED AT"

15834 GUILD COURT
JUPITER, FL 33478

TYPE OF BUSINESS	OWNER	CERTIFICATION #	RECEIPT #/DATE PAID	AMT PAID	BILL #
81-0383 FIBER OPTIC VIDEO INSTALLATION	BOYD CINDY		512.495579 - 07/28/12	\$33.00	840094880

This document is valid only when recaptured by the Tax Collector's Office.

PRECISION CONTRACTING SERVICES INC
PRECISION CONTRACTING SERVICES INC
15834 GUILD CT
JUPITER, FL 33478-6436



B2 - 261

STATE OF FLORIDA
PALM BEACH COUNTY
2012/2013 LOCAL BUSINESS TAX RECEIPT

LBTR Number: 200913260
EXPIRES: SEPTEMBER 30, 2013

This receipt does not constitute a franchise,
agreement, permission of authority to perform the
services or operate the business described herein
when a franchise, agreement or other county
commission, state or federal permission of authority
is required by county, state or federal law.

AC# 6335633

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
ELECTRICAL CONTRACTORS LICENSING BOARD

SEQ# L12090402092

DATE	BATCH NUMBER	LICENSE NBR
09/04/2012	120018270	EGL3000230

The ALARM SYSTEM CONTRACTOR II
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2014

BOYD, CINDY S
PRECISION CONTRACTING SERVICES INC
15834 GUILD COURT
JUPITER FL 33478

RICK SCOTT
GOVERNOR

KEN LAWSON
SECRETARY

DISPLAY AS REQUIRED BY LAW

AC# 6194944

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
ELECTRICAL CONTRACTORS LICENSING BOARD

SEQ# L12071001449

DATE	BATCH NUMBER	LICENSE NBR
07/10/2012	120018261	ES0000245

The SPECIALTY ELECTRICAL CONTRACTOR

Named below is CERTIFIED

Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2014

AS A LIMITED ENERGY SYSTEMS SPECIALIST

BOYD, CINDY S
PRECISION CONTRACTING SERVICES, INC.
15834 GUILD COURT
JUPITER FL 33478

RICK SCOTT
GOVERNOR

DISPLAY AS REQUIRED BY LAW

KEN LAWSON
SECRETARY

**DRUG-FREE WORKPLACE CERTIFICATION
BID #13-029/LC**

IDENTICAL TIE BIDS/PROPOSALS - In accordance with Section 287.087, F.S., a preference shall be given to vendors submitting with their bids/proposals the following certification that they have implemented a drug-free workplace program which meets the requirements of Section 287.087; provided, however, that any preference given pursuant to Section 287.087, shall be made in conformity with the requirements pursuant to the Palm Beach County Code, Chapter 2, Article III, Sections 2-80.21 thru 2-80.34. In the event tie bids are received from vendors who have not submitted with their bids/proposals a completed Drug-Free Workplace Certification form, the award will be made in accordance with Palm Beach County's purchasing procedures pertaining to tie bids.

This Drug-Free Workplace Certification form must be executed and returned with the attached bid/proposal, and received on or before time of bid opening to be considered. The failure to execute and/or return this certification shall not cause any bid/proposal to be deemed non-responsive.

Whenever two (2) or more bids/proposals which are equal with respect to price, quality, and service are received by Palm Beach County for the procurement of commodities or contractual services, a bid/proposal received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. In order to have a drug-free workplace program, a business shall:

- (1) Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
- (2) Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
- (3) Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in number (1).
- (4) In the statement specified in number (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893, Florida Statutes, or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
- (5) Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
- (6) Make a good faith effort to continue to maintain a drug-free workplace through implementation Section 287.087, Florida Statutes.

THIS CERTIFICATION is submitted by Sara L Boyd the
(Individual's Name)
Secretary of Precision Contracting Services, Inc.
(Title/Position with Company/Vendor) (Name of Company/Vendor)

who does hereby certify that said Company/Vendor has implemented a drug-free workplace program which meets the requirements of Section 287.087, Florida Statutes, which are identified in numbers (1) through (6) above.

Sara L Boyd
Signature

11/30/13
Date

**SCHEDULE 1
LIST OF PROPOSED SBE-/M/WBE PRIME AND/OR SUBCONTRACTOR PARTICIPATION**

PROJECT NAME OR BID NAME: Fiber Optic Engineering Bld 13-029/12 PROJECT NO. OR BID NO.: 13-029/12
 NAME OF PRIME BIDDER: Frederick Contracting Services, Inc. ADDRESS: 15834 Guild Court, North, FL 33478
 CONTACT PERSON: Brian R. Boyd PHONE NO.: 561.743.9797 FAX NO.: 561.743.0775
 BID OPENING DATE: Jan. 31, 2013 USER DEPARTMENT: _____

THIS DOCUMENT IS TO BE COMPLETED BY THE PRIME CONTRACTOR AND SUBMITTED WITH BID PACKET. PLEASE LIST THE NAME, CONTACT INFORMATION AND DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY ALL SBE-/M/WBE SUBCONTRACTORS ON THIS PROJECT. IF THE PRIME IS AN SBE-/M/WBE, PLEASE ALSO LIST THE NAME, CONTACT INFORMATION AND DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY THE PRIME ON THIS PROJECT. THE PRIME AFFIRMS THAT IT WILL MONITOR THE SBES LISTED TO ENSURE THE SBES PERFORM THE WORK WITH ITS OWN FORCES.

	(Check one or both Categories)		DOLLAR AMOUNT OR PERCENTAGE OF WORK				
	M/WBE	SBE					
Name, Address and Phone Number	Minority Business	Small Business	Black	Hispanic	Women	Caucasian	Other (Please Specify)
1. <u>Proc. 5.0 on Contracting Services, Inc.</u> <u>15834 Guild Ct</u> <u>Fort. Lauderdale, FL 33478</u> <u>561.743.9739</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____
2. _____	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____
3. _____	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____
4. _____	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____
5. _____	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____
(Please use additional sheets if necessary)							
Total			_____	_____	_____	_____	_____

Total Bid Price \$ 932,494.50

Total SBE-/M/WBE Participation, Dollar Amount or Percentage of Work _____

I hereby certify that the above information accurate to the best of my knowledge.
 Signature and Title: Brian R. Boyd, President

- Note:
1. The amount listed on this form for a subcontractor must be supported by price or percentage listed on the signed Schedule 2 or signed proposal in order to be counted toward goal attainment.
 2. Firms may be certified by Palm Beach County as an SBE and/or M/WBE. If firms are certified as both an SBE and M/WBE, please indicate the dollar amount or percentage under the appropriate category.
 3. M/WBE information is being collected for tracking purposes only.

**OSBA SCHEDULE 2
LETTER OF INTENT TO PERFORM AS AN SBE-M/WBE SUBCONTRACTOR**

This document must be completed by the SBE-M/WBE Subcontractor and submitted with bid packet. Specify in detail, the particular work items to be performed and the dollar amount and/or percentage for each work item. SBE credit will only be given for items which the SBE-M/WBE Subcontractor is SBE certified to perform. Failure to properly complete Schedule 2 may result in your SBE participation not being counted.

PROJECT NUMBER: 13-02916 PROJECT NAME: Fiber Optic Engineering Contract
TO: Precision Contracting Services, Inc.
(Name of Prime Bidder)

The undersigned is certified by Palm Beach County as a - (check one or more, as applicable):

Small Business Enterprise _____ Minority Business Enterprise X
Black _____ Hispanic _____ Women X Caucasian _____ Other (Please Specify) _____

Date of Palm Beach County Certification: March 10, 2008

The undersigned is prepared to perform the following described work in connection with the above project. Additional Sheets May Be Used As Necessary

Line Item/ Lot No.	Item Description	Qty/Units	Unit Price	Total Price/ Percentage
	<u>Various Fiber Optic Line Items</u>	<u>-</u>	<u>-</u>	<u>932,494.50</u> <u>85%</u>

at the following price or percentage

(Subcontractor's quote)

and will enter into a formal agreement for work with you conditioned upon your execution of a contract with Palm Beach County.

If undersigned intends to subcontract any portion of this job to a certified SBE or a non-SBE subcontractor, please list the name of the subcontractor and the amount below.

Price and/or Percentage 932,494.50/85% Precision Contracting Services, Inc.
(Name of Subcontractor)

The Prime affirms that it will monitor the SBE's listed to ensure the SBE's perform the work with its own forces. The undersigned subcontractor affirms that it has the resources necessary to perform the work listed without subcontracting to non-certified SBE or any other certified SBE subcontractors except as noted above.

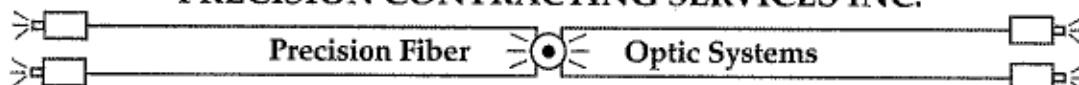
The undersigned subcontractor understands that the provision of this form to Prime Bidder does not prevent Subcontractor from providing quotations to other bidders.

Precision Contracting Services, Inc.
Print name of Prime Contractor
By: [Signature]
Signature
Sara L. Boyd (Secretary)
Print name/title of person executing on behalf
Prime Contractor

Print name of SBE-M/WBE Subcontractor
By: _____
Signature
Print name/title of person executing on behalf
of SBE-M/WBE Subcontractor



PRECISION CONTRACTING SERVICES INC.



February 21, 2013

Palm Beach County
Purchasing Department
50 South Military Trail, Suite 110
West Palm Beach, FL 33415

Project: Fiber Optic Engineering, Design, Material, Supplies & Installation Term Contract
Project Number: Bid #13-029/LC

Subject: Precision Contracting Services
Statement of Experience, Qualifications, & Background

Precision Contracting Services, Inc. (PCS), a Florida Corporation headquartered in Jupiter Florida, is offering our qualifications and pricing in response to the Palm Beach County Solicitation noted above. PCS has been providing fiber optic based communication network design, construction, documentation, and restoration and maintenance services on both inside plant (ISP) and emphasis on outside plant (OSP) deployments throughout Florida and the Southeast United States for over 22 years.

Being a Jupiter, FL based firm since our inception in 1990, PCS has unmatched capacity with locally residing, experienced personnel; Jupiter warehoused equipment and inventory; and the logistical capability to provide the The County with the restoration fiber optic network services on emergency & non-emergency basis. PCS has extensive experience with right of way (ROW) agencies that would be engaged in potential restoration and/or facility expansion issues being engaged daily with both Palm Beach County and the FDOT on many projects.

PCS is unique in our internationally recognized optical FiberTrak design services supporting our infrastructure construction capabilities for new work orders as required. PCS's core business is the design, deployment and maintenance of Outside Plant Fiber Optic networks as required by this contract.

We certainly appreciate every opportunity and client we have had over the years recognizing each contract is an obligation for excellence in performance and opportunity to continue customer satisfaction; yet the opportunity to perform such services in our home county is regarded as a special opportunity and we thank you for consideration of our proposal.

License #ES0000245

15834 Guild Court • Jupiter, FL 33478 • 561-743-9737 • (Fax) 561-743-0775 • pcsfiber.com





PRECISION CONTRACTING SERVICES INC.



PCS Corporate Information

Project: Fiber Optic Engineering, Design, Material, Supplies & Installation Term Contract

Project Number: Bid #13-029/LC

Proposals Due: Thursday February 21, 2013 2PM

Experience & Qualifications of Firm

Precision Contracting Services, Inc. (PCS) is a Jupiter based Florida Corporation founded on November 14, 1990. PCS is licensed and recognized as a Women Business Enterprise in 9 states as well as many local City/County Governments. Sara Boyd, Secretary and majority owner, along with Bruce Boyd, RCDD, Director and Cindy Boyd, RCDD, President, maintain a commitment to quality throughout the organization which has been rewarded recently with PCS being recognized as the International Bentley Be Inspired award winners in both 2011 and 2009 for Innovation in Communications Design.

Cindy Boyd holds licenses in 9 states including a Florida Specialty Electrical Contractor's License and a Florida Alarm System Contractor's License. PCS also holds an Electrical License and General Certified Building Contractor's License in addition to the above. PCS currently employs a staff of 88, with more than 40 employees being residents of Palm Beach County and the Treasure Coast area.

PCS is a multi-faceted firm providing consulting, design, construction, maintenance, service restoration, and network integration supporting Intelligent Transportation Systems, CCTV, & Broadband Fiber Optic Networks throughout the Southeast United States to the Transportation, Judicial, Education and Municipal Government markets as well as the private sector for 22 years. PCS provides both emergency & non-emergency restoration services for numerous clients including; Florida Dept. of Transportation, Florida Turnpike Enterprise, Palm Beach County ISS, Martin County Traffic, Martin County IT, Indian River County, Ft. Pierce Utility Authority, and numerous other entities locally and throughout the state. PCS believes our experience in the FO Broadband & ITS industry is unparalleled with over 2,500 projects completed covering in excess of 20,000 miles from our Palm Beach County headquarters.

For 22 years PCS has maintained the highest quality design & installation standards and is a recognized leader in the deployment of fiber optic systems for the DOT and Municipal Governments in the Southeastern United States. PCS requires our Staff of Designers, Installers & Technicians to maintain the highest quality work product for performance and

License #ES0000245

15834 Guild Court • Jupiter, FL 33478 • 561-743-9737 • (Fax) 561-743-0775 • pcsfiber.com





PRECISION CONTRACTING SERVICES INC.



desired functionality which is supported by our vast reference list, including Palm Beach County from prior projects completed. PCS is fully bonded through Travelers Insurance.

PCS holds numerous manufacturer certifications for our Technicians, Installers, Engineers, and Management. PCS is a nationally authorized Corning Network of Preferred Integrators offering an extended 25 year warranty on Fiber Optic Networks utilizing all Corning products. PCS has extensive experience working in the DOT Right of Way and holds ATSSA Maintenance of Traffic Certifications consistent with MUTCD standards, Sharp's Confined Space Safety Certifications, OSHA Tower climbing and OSHA Safety Certifications.

PCS is a Corporate Member of Building Industry Consulting Services International (BICSI), the association that is the leading Telecommunications Standards & Design enforcement and training authority for the Electronics Industry Association (EIA) and the Telecommunications Industry Association (TIA). PCS has 3 BICSI Registered Communication Distribution Design Professionals and numerous BICSI trained Technicians employed to support our client's needs. PCS is a member of the Florida Association of Electrical Contractors, the IMSA (International Municipal Signal Association), and the International Association of Electrical Inspectors.

PCS will perform this project from our Corporate Office in Jupiter, FL and guarantees timely response, implementation, and cost minimization associated with required design integration, and service restoration activities. Our corporate office will provide administrative tasks of billing, collection, purchasing, network design, and related functions.

PCS would be unique in our ability to support Palm Beach County for ongoing maintenance and emergency restoration activity being immediate to the area for rapid responses. PCS is currently the master construction/maintenance contractor for Palm Beach County, Martin County, Indian River County, Fort Pierce Utilities, City of Port St Lucie, Town of Boca Raton, and private firms Florida Power & Light as well as an ILEC/CLEC ITS Telecom of Indiantown, FL.

PCS has ability to provide additional installation, emergency response, and technical labor from our Vero Beach, Fort Myers, Largo or Orlando offices to insure timely project performance if ever required. All electronic records for the project are maintained in Jupiter and duplicated in Orlando to avoid loss from Acts of God. With management, design, installation, technicians and network professionals committed to excellence with and local

License #ES0000245

15834 Guild Court • Jupiter, FL 33478 • 561-743-9737 • (Fax) 561-743-0775 • pcsfiber.com





PRECISION CONTRACTING SERVICES INC.



inventory resources, PCS has unmatched capability to perform the desired services for this procurement requirement.

PCS will provide all anticipated work for this Operations & Maintenance Services contract pertaining to fiber connectivity and network services. When underground duct exceeds minor restoration efforts, PCS would engage a local subcontractor. PCS has utilized The Lazarus Group of SW Deggellert Court in Palm City, FL for over 10 years with great success. Although these are never easy installations, PCS finds their commitment to quality and customer satisfaction at competitive prices unmatched in the area. PCS takes full responsibility for the quality assurance and control of subcontracted ductwork.

Precision Contracting Services, Inc. currently employs a staff of 88 at the following 7 facilities; corporate headquarters in Jupiter, Vero Beach, Winter Garden, Ft Myers, Largo, Florida and Greensboro, Fayetteville, NC. Of our 88 employees 36 work at our Jupiter office. Of those 36 employees 24 have residence in Palm Beach County.

PCS Secretary and majority owner, Sara Boyd, has been a resident of Palm Beach County since 1966. Bruce Boyd, Director, has been a Palm Beach resident since 1983. Both Sara and Bruce have been active volunteers and supporters in Jupiter and Palm Beach County public education facilities and youth sports organizations for 20+ years. PCS Owners continue to be active investing in Jupiter economic development with projects for PCS current and prior facilities.

PCS has its' own in-house staff of RCDD's, Cisco Certified Network Engineers, and CADD Technicians that dramatically improve our ability to support network designs and subsequent site drawings and documentation. We have developed this network design and documentation capability with our FiberTrak Services. FiberTrak is an award winning and internationally recognized service for providing the very design & documentation details network supervisors and operators need to properly manage their fiber communication systems. FiberTrak is recognized as one of the most robust network design processes of its type. It will easily provide cable routing, depths, box locations, fiber types, splice locations, slack locations – everything noted in the RFP. We will have the capability to provide so much more should The Town deem helpful.

Fiber Optic Testing and subsequent reporting will be provided as per RFP specifications. We report on numerous projects and have staff dedicated to just this reporting function. It

License #ES0000245

15834 Guild Court • Jupiter, FL 33478 • 561-743-9737 • (Fax) 561-743-0775 • pcsfiber.com





PRECISION CONTRACTING SERVICES INC.



should be noted our in-house splice loss parameters are even lower than what is required by the RFP.

Experience With Other Government Agencies

Over 22 years Precision Contracting Services, Inc has worked with practically every government agency in Florida that has a fiber optic network. Locally we are currently the Master FO Contractor for; Florida DOT D4, Martin County Traffic & IT, Indian River County, The Town of Jupiter, City of Boca Raton, Ft Pierce Utility Authority, ITS Telecom, Lee County Traffic, and of course with Palm Beach County ISS. We have provided a listing of six local references to government entities we would ask The County to check out and confirm our work performance and capabilities. We strive to make every client a positive reference for PCS and the fiber optic network services & solutions we can provide for our clients.

Warranties

Precision Contracting Services, Inc. is currently and has been for many years a certified member of Corning's Network of Preferred Installers and an Extended Warranty Provider. This certification is provided to fiber optic integrators like PCS who have an established history of superior performance with fiber optic network installations and integration. With our PCS certification Corning will warrant their fiber optic materials for 20 years from material defect when it is installed by PCS. We extend this warranty protection to our clients and would be available for the Town of Jupiter. PCS would extend warranties for electronics and related components as provided by the manufacturer.

License #ES0000245

15834 Guild Court • Jupiter, FL 33478 • 561-743-9737 • (Fax) 561-743-0775 • pcsfiber.com



**QUALIFICATIONS OF BIDDERS
REFERENCES FOR SOLICITATION #13-029/LC**

List references in accordance with qualifications of bidder, when applicable.

CUSTOMER NAME: Martin County Traffic Engineering
(PLEASE PRINT OR TYPE)
ADDRESS: 2401 S.E. Monterey Rd, Stuart, FL 34996
(PLEASE PRINT OR TYPE)
PHONE NUMBER: 772-463-3227 FAX NUMBER: () - E-MAIL: eferguson@martin.fl.us
CONTACT NAME: Erik Ferguson, P.E.
(PLEASE PRINT OR TYPE)
SCOPE OF WORK: Design, Construct, Maintain, Document County-Wide
(PLEASE PRINT OR TYPE)
ATMS Traffic Fiber Optic Network, Amount: \$2,256,445.00
(38 Local Employees, 22 Palm Beach Co. Residents, 5%)
START DATE: April 2009 END DATE: Current/Active

CUSTOMER NAME: City of Boca Raton
(PLEASE PRINT OR TYPE)
ADDRESS: 2501 NW 1st Ave, Boca Raton, FL 33431
(PLEASE PRINT OR TYPE)
PHONE NUMBER: 561-416-3387 FAX NUMBER: () - E-MAIL: eposadas@myboca.us
CONTACT NAME: Fernando Posadas, Project Engineer
(PLEASE PRINT OR TYPE)
SCOPE OF WORK: Design, Construct, Maintain, Document City-Wide
(PLEASE PRINT OR TYPE)
ATMS Traffic Fiber Optic Network, Amount: \$534,106.00
(38 Local Employees, 22 Palm Beach Co. Residents, 3%)
START DATE: March 2010 END DATE: Current/Active

CUSTOMER NAME: Town of Jupiter, Florida
(PLEASE PRINT OR TYPE)
ADDRESS: 210 Military Trail, Jupiter FL 33458
(PLEASE PRINT OR TYPE)
PHONE NUMBER: 561-741-2359 FAX NUMBER: () - E-MAIL: Melinda.M@jupiter.fl.us
CONTACT NAME: Melinda Miller, Information Systems
(PLEASE PRINT OR TYPE)
SCOPE OF WORK: Design, Construct, Maintain, Document City-Wide,
(PLEASE PRINT OR TYPE)
Phase 1 Fiber Optic Network
Amount: \$244,025.00 (38 Local Employees, 22 Palm Beach Co. Residents
2%)
START DATE: June 2012 END DATE: Sept 2012

QUALIFICATIONS OF BIDDERS REFERENCES FOR SOLICITATION #13-029/LC

List references in accordance with qualifications of bidder, when applicable.

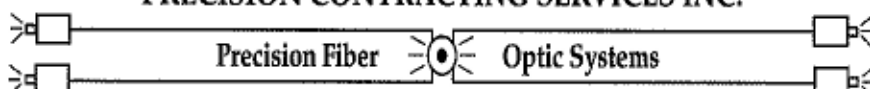
CUSTOMER NAME: Palm Beach County, ISS
(PLEASE PRINT OR TYPE)
ADDRESS: 301 N. Olive Avenue, West Palm Beach, FL 33401
(PLEASE PRINT OR TYPE)
PHONE NUMBER: 561-355-4601 FAX NUMBER: () - E-MAIL: mbutler@pbcgov.com
CONTACT NAME: Mike Butler, Director
(PLEASE PRINT OR TYPE)
SCOPE OF WORK: Design, Construct, Maintain, Document County-wide
(PLEASE PRINT OR TYPE)
fiber optic network. Amount: \$ 9,685,515.00 (38 local employees,
22 Palm Beach Residents - 10.1.)
START DATE: 11-17-2006 END DATE: Current/Active

CUSTOMER NAME: Indian River County Fonet
(PLEASE PRINT OR TYPE)
ADDRESS: 1800 27th St., Bldg B, Vero Beach, FL 32960
(PLEASE PRINT OR TYPE)
PHONE NUMBER: 772-567-8000 FAX NUMBER: () - E-MAIL: t.smith@ircgov.com
CONTACT NAME: Terry Smith, Telecommunications Mgr.
(PLEASE PRINT OR TYPE)
SCOPE OF WORK: Design, Construct, Maintain, Document County-wide
(PLEASE PRINT OR TYPE)
fiber optic network, Amount: \$ 8,220,000.00 - (38 local employees,
22 Palm Beach Residents - 10.1.)
START DATE: 2-6-2007 END DATE: Current/Active

CUSTOMER NAME: Martin County I-net
(PLEASE PRINT OR TYPE)
ADDRESS: 2401 SE. Monterey Rd, Stuart, FL 34996
(PLEASE PRINT OR TYPE)
PHONE NUMBER: 772-221-1310 FAX NUMBER: () - E-MAIL: Kevin@martin.fl.us
CONTACT NAME: Kevin Kryzda, Director
(PLEASE PRINT OR TYPE)
SCOPE OF WORK: Design, Construct, Maintain, Document
(PLEASE PRINT OR TYPE)
County-wide community, Fiber optic broadband network,
Amount: \$ 4,215,000.00 - (38 Local Employees, 22 Palm Beach Co. residents,
5.1.)
START DATE: Jan. 2011 END DATE: June, 2011



PRECISION CONTRACTING SERVICES INC.



Palm Beach County – Fiber Optic Engineering, Design, Material, Supplies & Installation, Term Contract
Number: Bid #13-029/LC

Precision Contracting Services, Inc.
Emergency Contact & Response Procedures

If given the opportunity to assist the The County, PCS will provide our Answering Service's 800# for the county to have a single point of contact for any after hour needs who will then distribute calls to our staff based on condition and severity.

Yet, we are always willing to share additional personal contact information with our clients for further comfort to ensure a prompt customer response (order of escalation):

<u>PCS Representative</u>	<u>Need</u>	<u>Mobile Number</u>	<u>Home Number</u>
Lynn Bayles, Area Mgr	All	561-718-8504	772-597-4166
Tommy Webb, Super.	UG	772-473-4371	772-283-3410
Greg Churchel, FO Tech	Optical	561-756-4490	561-333-2469
Jeff Bayles, Area Super	Construction	561-718-2514	772-597-4166
Bruce Boyd, Director	All	561-262-0001	561-744-2814
Cindy Boyd, President	All	407-466-0840	407-656-8414
Rhys Roberts, Project Mgr		561-262-7001	561-262-7001

In addition, PCS requests that a broadcast email be sent to the following:

Lynn Bayles at: lbayles@pcsfiber.com
 Bruce Boyd at: bboyd@pcsfiber.com
 Cindy Boyd at: cboyd@pcsfiber.com

Once initial contact is made from the Client to the Service/PCS, our office will deploy for initial on-site review and begin the restoration and/or repair process. During this review, if additional support resources are required, they would be deployed at that time from our >22 Palm Beach County and >38 Jupiter based technical personnel.

- ✦ PCS would arrive on site to review and start initial diagnosis
- ✦ A visual inspection will be made to evaluate and locate damage
- ✦ If extent of damage cannot be measured by visual inspection, an OTDR will be used to determine the damaged location and extent
- ✦ PCS will immediately initiate underground restoration and coordinate with other contractors that may be involved in such damage/restoration activity in order to get the problem resolved

License #ES0000245

15834 Guild Court • Jupiter, FL 33478 • 561-743-9737 • (Fax) 561-743-0775 • pcsfiber.com



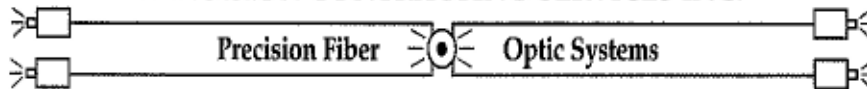
Corning Cable Systems



EXTENDED WARRANTY PROGRAM



PRECISION CONTRACTING SERVICES INC.



- ✦ Once PCS has access to the conduit, PCS would initiate cable repairs as follows, depending on the damage to the fiber optic cable
- ✦ Pull cable slack from the surrounding area and a single splice will be installed
- ✦ The damaged cable will be cut out, a new piece of cable shall be installed in its place, and two splices will be put in. Permanent repairs of the fiber will include replacement from point of termination to point of termination
- ✦ The cable will then be tested with an OTDR to ensure the cable once again has continuity
- ✦ PCS will then contact the Owner to ensure that full service has been restored

Once PCS is allowed access to the restored conduit, fiber cable restoration could take anywhere from 30 minutes to 24 hours for a single splice restoration, depending on the fiber count needing repair. In addition, permanent repairs requiring sections of cable to be deployed and splicing at each end are not always completed within the desired timeframe due to additional outside exposure that is typically addressed at the Engineer level prior to providing corrective measure directions.

PCS will perform our best efforts to meet desired time frames for restoration; however, it has been PCS's experience that permanent repairs require additional coordination to avoid future damages that may exceed this.

License #ES0000245

15834 Guild Court • Jupiter, FL 33478 • 561-743-9737 • (Fax) 561-743-0775 • pcsfiber.com

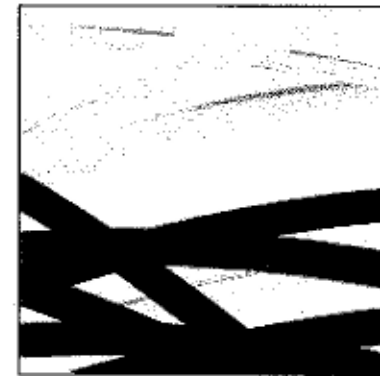


Coming Cable Systems





Corning Cable Systems Network of Preferred Installers



Precision Contracting Services Jupiter, FL

2013 Member in Good Standing

Stuart Hoiness, Vice President
Enterprise Networks
Americas and APAC Commercial Operations

Regina McCaughan, Program Manager
Enterprise Networks
Network of Preferred Installers

CORNING

Network of
Preferred Installers

Rendered: Wed Jan 02 15:46:43 GMT 2013

CORNING

NPI Network of
Preferred Installers

Corning Cable Systems

PO Box 489

Hickory, NC 28603 USA

t 800-743-2675

f 828-901-5488

international +1-828-901-5000

www.corning.com/npi

March 6, 2012

To Whom It May Concern:

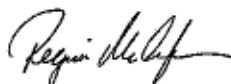
We are pleased to confirm that Precision Contracting Services, Inc., located in Jupiter, Florida, is a long-standing LANscape® Network of Preferred Installer program member in good standing, and as such able to offer a Corning Cable Systems Extended WarrantySM Program warranty to customers worldwide. The warranty that can be extended via Precision Contracting Services assures installation owners that their fiber optic cabling solution, built from high quality Corning Cable Systems products, provides the optical transmission bandwidth specified by ANSI/TIA/EIA-568 over an extended period of time.

Specifically, system and product performance is covered through Corning Cable Systems' Extended Product Warranty. Covered Corning Cable Systems Products include fiber optic cable, interconnection and splice hardware, mechanical splicing products and field-installable connectors that are manufactured by Corning Cable Systems and listed in Corning Cable Systems' most current LANscape Solutions Fiber-Optic Products Catalog or any official supplement of the catalog released by Corning Cable Systems.

As part of the LANscape® Network of Preferred Installer program requirements, members must routinely refresh their training. Precision Contracting Services has done so consistently. They have also consistently installed Corning solution projects totaling multiple millions year over year.

If you have any questions regarding the LANscape Solutions Extended Warranty Program or the Extended Warranty available through Precision Contracting Services, Inc., please call 1-800-743-2671, extension 6950.

Yours in service,



Regina McCaughan
Program Manager
Network of Preferred Installers
828-901-6950



Florida Department of Transportation

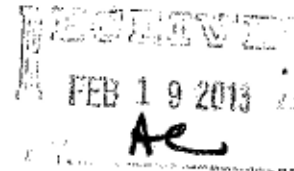
RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

ANANTH PRASAD, P.E.
SECRETARY

February 14, 2013

PRECISION CONTRACTING SERVICES, INC.
15834 GUILD CT
JUPITER FL 33478



RE: CERTIFICATE OF QUALIFICATION

Dear Sir/Madam:

The Department of Transportation has qualified your company for the type of work indicated below. Unless your company is notified otherwise, this Certificate of Qualification will expire 3/30/2014. However, the new application is due 1/31/2014.

In accordance with S.337.14 (1) F.S. your next application must be filed within (4) months of the ending date of the applicant's audited annual financial statements and, if applicable, the audited interim financial statements. Section 337.14 (4) F.S. provides that your certificate will be valid for 18 months after your financial statement date. This gives a two month period to allow you to bid on jobs as we process your new application for qualification. To remain qualified with the Department, a new application must be submitted subsequent to any significant change in the financial position or the structure of your firm as described in Section 14-22.005(3), Florida Administrative Code.

Your company's maximum capacity rating has been established based on X Audited Reviewed financial statements. To access it, please log into the Contractor Prequalification Application System via the following link: <https://www3.dot.state.fl.us/ContractorPreQualification/>

Once logged in, select "View" for the most recently approved application, and then click the "Manage" and "Application Summary" tabs.

FDOT APPROVED WORK CLASSES:

COMPUTERIZED TRAFFIC CONTROL, INTELLIGENT TRANSPORTATION SYSTEMS, ROADWAY SIGNING, TRAFFIC SIGNAL

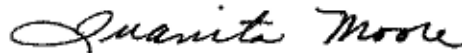
FDOT APPROVED SPECIALITY CLASSES OF WORK:

NONE

PRECISION CONTRACTING SERVICES, INC.
February 14, 2013
Page two

You may apply, in writing, for a Revised Certificate of Qualification at any time prior to the expiration date of this certificate according to Section 14-22.0041(3), Florida Administrative Code. Please be advised if certification in additional classes of work is desired, documentation is needed to show that your company has done such work with your own forces and equipment or that experience was gained with another contractor and that you have the necessary equipment for each additional class of work requested.

Sincerely,



Juanita Moore, Manager
Contracts Administration Office

JM:cj



SUMMARY OF MANAGEMENT & STAFF EXPERIENCE

STAFF/POSITION/EXPERIENCE

CINDY S. BOYD, President, RCDD

A graduate of the University of Alaska and owner of PCS, Ms. Boyd has over thirty-one (31) years of construction experience in Florida and Alaska inclusive of personnel and equipment management, onsite construction management, and contract negotiations. Ms. Boyd directs all of PCS's administrative/operating activities and holds Fiber Optic certifications from Corning, M/A-Com and 3M.

Ms. Boyd is a member in good standing of BICSI, IMSA, Florida Association of Electrical Contractors and International Association of Electrical Inspectors. Ms. Boyd holds an Alabama Certified Electrical Contractor License # 1331, Florida # ES0000245, Florida Alarm System Contractor II License # EG13000230, Georgia # LT304933, New Mexico # 86863 & 100401, Arizona # ROC175629, North Carolina # 23663-SP-LV, Tennessee # 00042779, Virginia # 2705 047493A, Iowa Contractor's License #C106536 and Baltimore County Maryland Low Voltage Alarms and Signal Systems License#RF9346, and holds a Building Industry Consulting Service International Registered Communications Distribution Designer certificate.

Ms. Boyd is responsible for all facets of PCS's activities including sales, operations and administrative management.

SARA L. BOYD, Secretary

A graduate of the University of South Florida and majority owner of PCS, Mrs. Boyd has over fifteen (15) years of education and administration experience. Mrs. Boyd directs PCS's involvement in Contractual and Administrative aspects including accounting, banking, budgeting and staffing.

BRUCE R. BOYD, Director, RCDD

A graduate of the University of South Florida in 1983, Mr. Boyd is the former Controller of Dycom Industries and former President of Signal Construction Co., Division of Dycom Industries, a \$160M/year Fiber Optic Design -Construction firm. Mr. Boyd is a former minority owner of Precision Software and is a current director of Precision Contracting Services, Inc. and President of B&B Consulting Group, a fiber optic network design firm.

Mr. Boyd has Fiber Optic training from AT&T, Corning, Nortel, Intellect, Fiber Options, Grass Valley, International Fiber Systems, M/A-Com and Krone. Mr. Boyd passed the Florida CPA examination in 1987 and holds a Building Industry Consulting Service International Registered Communication Distribution Designer certificate. Mr. Boyd is responsible for PCS's client liaison, project valuation estimating, fiber optic network designs and project management activities.

JIM HEATON, Management & Estimating

Mr. Heaton assists in the daily estimating and administrative management operations of PCS. Mr. Heaton brings over 35 years of DOT construction management experience to PCS team. Mr. Heaton is the former Principal in Advance Barricades, Coastline Markings & Jadco Signing prior to its sale to United Rentals in 1999. Mr. Heaton was the SE USA District Manager for United Rentals until leaving to join PCS in 2005. Mr. Heaton participates in Estimating activities and Administrative Management in support of PCS President.

ROBERT SANFORD, Account Service Representative / Estimating

Mr. Sanford provides outside sales, service, estimating, and support functions for PCS customers and business associates. Mr. Sanford is a graduate of Ohio University and has over twenty-one (21) years of sales and estimating experience in the Florida road construction industry.

SUELLEN HERBERT, Treasurer

Ms. Herbert assists all upper management in the daily PCS financial, estimating and engineering activities. Ms. Herbert has been with PCS since 2005 and attended the University of Massachusetts in Engineering. Previously, she performed similar activities for Meisner Electric for 4 years.

DEBBIE DEISLEY, Controller

Ms. Deisley manages all accounting functions for PCS including payroll, payables, receivable, billing, budgeting and financial reporting. Ms. Deisley has been with PCS since 2012, attended Millersville College & Penn State University. Previously, she had performed similar activities for construction firms in Pennsylvania for 7 of her 20 years of accounting experience before relocating to Florida in 2012.

MICHELE BROOKER, Operations, Purchasing, & Design

Mrs. Brooker has over fifteen (15) years of construction operations experience. Mrs. Brooker is responsible for PCS's project start-up and close-out submittal requirements, CADD design, network as built diagrams, purchasing and fiber optic test reporting activities. Mrs. Brooker has received training and certifications from Anritsu, Bentley Fiber Design, Bentley Inside Plant, EXFO and is certified by the School Board of Palm Beach County in AutoCADD.

BRANDON BOYD, Administration & Operations

Mr. Boyd has worked for PCS while attending the University of Central Florida. He received his Bachelor of Science in 2013 in Entrepreneurship and also holds a Certified Fiber Optic Technician certification from UCF. He has five (5) years of OSP installation and termination (experience). Mrs. Boyd is involved in all project activities from preliminary design, estimating, submittals, purchasing, scheduling, installation, termination, testing/certification, network deployment and client relations.

MATT DAVIS, Director of Sales & Marketing

Mr. Davis provides sales and marketing for PCS customers and vendors. Mr. Davis has over 30 years of sales and management experience in the construction industry.

ELIO NAGER, IT Administrator & CISCO Network Engineer

Mr. Nager has over twenty (10) years as an MIS professional. Mr. Nager directs PCS internal IT systems and performs client services throughout Florida and the Caribbean supporting CISCO services. Mr. Nager holds extensive industry certifications including Cisco Certified Internetwork Expert (CCIE), Certified Academy Instructor (CAI), Certified Information System Security Professional (CISSP), Information Security Auditor (CISA) as well as the Certified Network Engineer (CCNE). Additionally he holds several Microsoft certifications MCSE, MCSA, MCT, CompTIA A+ and Apple MAC OS X Administrator. Mr. Nager is proficient in Cisco, Brocade (Foundry), and Juniper Layer 3 routing and all manufacturers of Layer 2 switching devices inclusive of ipv6.

JANEEN BARTON-WARE, Network Engineer -Southwest Florida

Ms. Barton has over twenty (20) years as an MIS professional. Ms. Barton provides PCS with support on the West Coast. Ms. Barton has directed many distributed Layer 3 networks for PCS clients for design transport solutions to fit their needs, including Lee, Charlotte, Collier, St Lucie, Martin, Pasco, Indian River and Duval Counties; as well as Charleston, SC and Marietta GA. Ms. Barton is as CISCO CCNE and is proficient in Cisco, Brocade (Foundry), and Juniper Layer 3 routing and all manufacturers of Layer 2 switching devices inclusive of ipv6.

JUAN ORO, FiberTrak™ CADD Design

Mr. Oro has over sixteen (16) years of GIS and CADD experience. Mr. Oro is responsible for PCS's CADD design and network as built activities in FiberTrak™. Mr. Oro has experience drafting projects such as Topographic Surveys, Boundary Surveys, Roadway As Builts and Condominium Conversion Projects in both the public and private sector.

BRIAN CONNELLY, FiberTrak™ CADD Design

Mr. Connelly has over three (3) years of GIS and CADD experience. Mr. Connelly is responsible for PCS's CADD in FiberTrak™ including but not limited to data entry and analysis relative to the production of ROW plans, schematics and database models as they pertain to network design, build and asset management. Mr. Connelly is also responsible for utility coordination for construction projects and activities inclusive of Florida Sunshine and owner locating services.

ROD WALLEN, FiberTrak™ CADD Design

Mr. Wallen has over twenty (20) years' combined experience in civil engineering, telecommunications and GIS/ CADD. Mr. Wallen serves as a technician for our FiberTrak™ Department. His role includes data entry and analysis relative to the production of ROW plans, schematics and database models as they pertain to network design, build and asset management. His most recent projects with PCS include network design support for Sunrail, commuter rail in Central Florida and cable restructuring for the Wyndham Orlando Resort.

ARMANDO SARMIENTO, FiberTrak™ CADD Design

Mr. Sarmiento has over two (2) years of GIS and eighteen (18) years of CADD experience. Mr. Sarmiento is responsible for PCS's CADD in FiberTrak™ including but not limited to data entry and analysis relative to the production of ROW plans, schematics and database models as they pertain to network design, build and asset management.

MARK MIXON, FiberTrak™ CADD Design

Mr. Mixon has over two (2) years of GIS and over twelve (12) years of CADD experience. Mr. Mixon is responsible for PCS's CADD in FiberTrak™ including but not limited to data entry and analysis relative to the production of ROW plans, schematics and database models as they pertain to network design, build and asset management. Mr. Mixon is also responsible for field data collection utilizing GPS/GIS technology to document PCS client communication networks.

RICHARD MIXON, Surveying

Mr. Mixon has over thirty-two (32) years of surveying experience and holds a Professional Surveyor and Mapper License #LS3335. Mr. Mixon participates in PCS's surveying, GPS locating, and document layout for their FiberTrak™ module.

P. MICHAEL ZARRELLA, FiberTrak™ CADD Design

Mr. Zarrella has over seventeen (17) years of surveying, GIS and CADD experience. Mr. Zarrella became a Florida Registered Professional Land Surveyor in 2009. He holds a BS in Software Engineering from Colorado Technical Univ., an AA from Valencia CC and an AS in Electronics Engineering from Indian River State College. Mr. Zarrella participates in PCS's CADD design and network as built activities in FiberTrak™. Prior to PCS, Mr. Zarrella managed survey teams and provided CADD drawings for 4 prominent Florida Surveying firms.

MICHAEL COGSWELL, Vice President of Operations

Mr. Cogswell has over fifteen (16) years of fiber optic construction and management experience. Mr. Cogswell directs PCS's OSP construction assignments and field operations in Georgia, North Carolina, South Carolina, Tennessee and Virginia. Mr. Cogswell is responsible for aerial and underground cable installations, splicing, testing, documentation and client liaison. Mr. Cogswell has received training and certifications from Anixter, Anritsu, BICSI ITS Technician, Corning Cable Systems, ETA, EXFO, Fayetteville Technical College, Fiber Optic Association, IMSA, Loronix, Optelecom, OSHA, Pone's Safety, Symphony, TPMA and Verint.

MARK THEISS, Vice President of Operations

Mr. Theiss has over thirty-nine (40) years of field and project management experience. Mr. Theiss directs PCS's OSP construction assignments and field operations in Central Florida after having spent time in management positions with Par Electric (Service Division Manager), Florida Industrial Electric (Transportation Division Asst Mgr) and Susie Structures, VP & minority Owner.

DONALD HAWKINS, Vice President of Engineering

Mr. Hawkins joined PCS as the area manager of our Treasure Coast/St Lucie office after a 27 year career at a public utility as chief administrator of a County-wide \$15M fiber optic network with design, operation, engineering and contract administration responsibilities. Mr. Hawkins was the assistant director of the City's electric utility with an annual budget in excess of \$170M. He has a BPS degree from Barry University in business administration, an AA degree in electronics from Indian River Community College, and holds a State of Florida Electrical Contractors License #EC13004098 and is a Registered Communications Distribution Designer (RCDD).

LYNN BAYLES, Area Manager – South Florida & Purchasing

Mrs. Bayles has over eleven (11) years of construction operations/purchasing experience. Mrs. Bayles is responsible for PCS's South Florida daily project scheduling, equipment and estimating operations. Mrs. Bayles has received training and certifications from American Red Cross, BICSI, Corning Cable Systems, CSC, EXFO, National Safety Council, OSHA and TPMA.

ALLEN BALLARD, Area Superintendent – Central Florida

Mr. Ballard has over ten (10) years of field experience. Mr. Ballard directs and assists PCS's OSP construction assignments and field operations in Central Florida. Mr. Ballard has received training and certificates from Anixter, ATSSA, Corning Cable Systems, CSC, OSHA, Sharps, Signamax and TPMA.

HARLEY HAYNES, Area Superintendent – Southwest Florida

Mr. Haynes has over five (5) years of field experience. Mr. Haynes directs and assists PCS daily OSP construction assignments and field operations in Southwest Florida. Mr. Haynes has received training and certificates from Anixter,

Corning Cable Systems, CSC, ATSSA, BICSI ITS Installer II, EXFO, OSHA and Signamax

JEFF BAYLES, Area Superintendent – Florida Operations

Mr. Bayles has over sixteen (18) years of construction experience. Mr. Bayles manages daily installation crews and directs project operations in South Florida. Mr. Bayles has received training and certifications from American Red Cross, ATSSA, BICSI, ComTrain LLC, Corning Cable Systems, IMSA, National Safety Council, OSHA, Sharps and TPMA.

ROSEMARY FABIAN, Administrative Assistant – Central Florida

Mrs. Fabian assists in the daily operations of PCS. She supports the management staff and field personnel in test reporting, material procurement, project documentation & related administrative activities.

LAURA FIX, Administrative Assistant – South Florida

Mrs. Fix assists in the Estimating/Sales staff with project estimating procurement, bid documentation & preparation, technical writing and related administrative activities.

Fiber Optic Splice & Electronics Technicians

Greg Churchel, FL FO Tech – Has received training and certifications from the following: American Red Cross, Anixter, ATSSA, BICSI ITS Technician, Corning Cable Systems, EXFO, IFS, National Safety Council, OSHA and Signamax, Ruggedcom, Bosch, Milestone Software

Thomas Dameron, FL FO Tech – Has received training and certifications from the following: Anixter, ATSSA, BICSI ITS Technician, Corning Cable Systems, CSC, EXFO, Fiber Optic Association, IMSA, OSHA, Sharps and Verint

David Facey, FL FO Tech – Has received training and certifications from the following: American Red Cross, BICSI ITS Installer II, ETA, EXFO, IFS, Leviton, The Light Brigade, Milestone, National Safety Council, OSHA, Ruggedcom and Signamax, Bosch, Milestone Software

Robert Mask, FL FO Tech – Has received training and certifications from the following: Anixter, ATSSA, BICSI ITS Technician, CSC, EXFO, OSHA, Signamax and Valcom, EXFO

Vladimir Panov, FL FO Tech – Has received training and certifications from the following: American Red Cross, Anixter, BICSI Technician, Ruggedcom, Bosch, Corning Cable Systems, EXFO, National Safety Council, OSHA and Signamax

Marianno Paulino, FL FO Tech – Has received training and certifications from the following: American Red Cross, Corning Cable Systems, EXFO, National Safety Council, OSHA, Ruggedcom and Signamax

Luis Pille, FL FO Tech – Has received training and certifications from the following: American Red Cross, Corning Cable Systems, EXFO, National Safety Council, OSHA, Ruggedcom and Signamax

Enoc Rivera, FL FO Tech – Has received training and certifications from the following: Anixter, ATSSA, Corning Cable Systems, ETA, EXFO, Fiber Optic Association, FiberOptic.com, OSHA and Signamax

Eder Rivera, FL FO Tech – Has received training and certifications from the following: Anixter, ATSSA, Corning Cable Systems, ETA, EXFO, Fiber Optic Association, FiberOptic.com, OSHA and Signamax

Josue Rivera, FL FO Tech – Has received training and certifications from the following: American Red Cross, ATSSA, EXFO and OSHA

Jack Wellman, FL FO Tech – Has received training and certifications from the following: American Red Cross, ATSSA, EXFO and OSHA

David Caponas, FL FO Tech, Network Integrator – Has received training and certifications from the following: Ruggedcom, Bosch, ComTrain LLC, Corning Cable Systems, EXFO, Milestone and OSHA

Steven Twist, NC FO Tech – Has received training and certifications from the following: ETA, FiberOptic.com, OSHA and Pone's Safety

The professional designation of

RCDD[®]

Registered Communications Distribution Designer

is awarded to

Bruce Boyd

by BICSI[®] in recognition of having successfully completed
BICSI's registration and examination requirements.

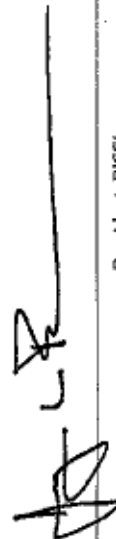
1/1/2013

Issued

12/31/2015

Expires





President, BICSI



BICSI Executive Director & Chief Executive Officer

The professional designation of

RCDD[®]

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER



Is awarded to

Cindy Boyd

by BICSI[®] in recognition of having successfully
completed BICSI's registration and examination requirements.



Issued

12/31/2010

Expires

12/31/2013

Bain Haver

President, BICSI

John D. Chase

Executive Director, BICSI

The professional designation of

RCDD[®]

Registered Communications Distribution Designer

is awarded to

Donald K Hawkins

by BICSI[®] in recognition of having successfully completed
BICSI's registration and examination requirements.



1/1/2013

Issued

12/31/2015

Expires

President, BICSI

BICSI Executive Director & Chief Executive Officer

National Safety Council

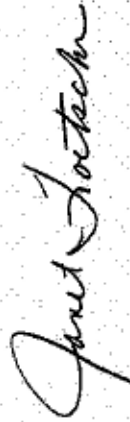
2012 - 2013

Precision Contracting Services Inc

Is a Member of the National Safety Council

Proud Member Since

8/26/2003



Janet Froetscher
President & CEO
National Safety Council

The National Safety Council saves lives by preventing injuries and deaths at work, in homes and communities and on the roads through leadership, research, education and advocacy.

members get more

Greg Churchel

Fiber Optic Technician

QUALIFICATIONS

Greg Churchel is a fiber optic technician for PCS.

PROFESSIONAL EXPERIENCE

Precision Contracting Services, Inc. – Jupiter, FL

Fiber Optic Technician - 2006 to Present

Responsible for aerial and underground cable installation, CAT3-6 terminations, FO cable fusion splicing, FO optical time domain reflectometer (OTDR) testing, light source and power meter (LS-PM) testing, CCTV Installation, video detection, microwave detection, FO Ethernet and construction as-builts. Since 2006 has been involved with the completion of over 450 construction projects, as well as over 230 current on-going construction projects.

BJ's Wholesale Club

Senior Assistant Manager – 1996 to 2006

EDUCATION

Wellington High School – Wellington, FL

CREDENTIALS

- American Red Cross – CPR & First Aid
- Safety Links, Inc – Confined Space Certification
- OSHA – Construction Safety & Health

CREDENTIALS (CONTINUED)

- BICSI – ITS Technician
- ATSSA – Advanced Work Zone MOT Certification
- IFS – Certified Ethernet Administrator
Fiber Optic Transmission System Design
- National Safety Council -
Forklift Operator Certification
- Signamax – Certified Fiber Optic Installer
- EXFO – OTDR Advanced Testing
- Daktronics – Vanguard Maintenance Training
- Corning –
Fiber to the House
Hands On Testing for Fiber Optic Networks
Hands On Comprehensive Installations
Custom Install Course for Connect/Test MM/SM
See the Light – Termination Technology
See the Light – Optical Splicing
- Chatsworth Products – Best Practices in Data Center
- N-TRON – Alliance Partner Training
- Panduit – 10 Gig Design Seminar
- Milestone – XProtect Enterprise 6.5
XProtect Corporate 2.0
XProtect Analytics 2.0
- Anixter –
Integrated Physical Security Seminar
Migrating to IP: Plan for Right Technologies



Precision Contracting Services, Inc.

15834 Guild Court • Jupiter, FL 33478 • (561) 743-9737 • gchurchel@pcsfiber.com

Jeff Bayles

OSP Operations

QUALIFICATIONS

Jeff Bayles has over sixteen years of construction experience. Jeff manages daily installation crews and directs project operations in south Florida.

PROFESSIONAL EXPERIENCE

Precision Contracting Services, Inc. – Jupiter, FL
OSP Operations - 1993 to Present

Responsible for supervision of installation crews, installation of aerial and underground cable installation, construction plan reviews, construction plan as-built drawings.

Divine Sales, Inc. – Singer Island, FL
Sales Associate - 1993

Assisted in sales for local island gift shop.

PROJECT EXPERIENCE

Indian River County EDACS – FO.Sonet System
FDOT Jacksonville – UTCS FO System
FDOT Palm Beach Co., Ph 1-6, FO UTCS System
FDOT I-95 and I-595 ITS CCTV Project

EDUCATION

- Jupiter High School – Jupiter, Florida (1983)
- North Technical College (1994)

CREDENTIALS

American Red Cross – CPR, First Aid & AED
ATSSA – Florida Advanced MOT Certification
BICSI – Telecom Project Manager
Site Survey & Media Selection
Com Train, LLC – Tower Climbing Safety & Rescue
Corning Cable Systems – FO Hardware
American Crane Training – Aerial Lift Certification
National Safety Council – Forklift Certification
OSHA – Construction Safety and Health
Sharps – Confined Space Certification



Precision Contracting Services, Inc.

15834 Guild Court • Jupiter, FL 33478 • (561) 743-9737 • jbayles@pcsfiber.com

This Certificate is

awarded to

Jeff Bayles

for successful completion

of Confined Space Training

conducted according to OSHA 29 CFR 1910.146

by SHARPS Inc.

11/04/2003

DATE



Mike Fox
INSTRUCTOR

Certificate of Achievement

This is to certify that on April 9, 2005

Tommy Webb Jr.

has diligently and with merit completed training in

**PERMIT REQUIRED
CONFINED SPACE SAFETY**

Presented by

Essential Safety Solutions, LLC & Sharps, Inc




Mary Ann Glennon

Bruce Boyd

Director

QUALIFICATIONS

Bruce Boyd has over 28 years experience working in Communication Construction Management and more than fifteen years of financial management in the construction, mergers and acquisition marketplace for both governmental and private sectors.

PROFESSIONAL EXPERIENCE

B&B Consulting Group, Inc. – Jupiter, FL

President - 1993 to Present

Responsible for all aspects of establishment, development and management of company specializing in fiber optic designs. Performs bid applications, site surveys, project management, site meetings and maintains quality control.

Precision Contracting Services, Inc. – Jupiter, FL

Founding Director - 1991 to Present

Contract Engineering, Systems Design, Estimating, and Inspection for PCS fiber optic projects. Lead all PCS activities for project engineering, estimating, management and sales. Developed award winning FiberTrak Network Design/Asset Management model.

Dycom Industries, Inc. – West Palm Beach, FL

Controller - 1985 -1991

Subsidiary accounting and management review, internal auditing, corporate financials, tax returns, liaison with auditors, assist Vice President Treasurer with mergers, SEC Report (8K, 10Q, 10K) consolidations.

Signal Construction Co., Inc. – Jupiter, FL

President & Dir./Secretary Treasurer 1985 - 1987

Subsidiary of Dycom Industries, Inc. Operations management, estimating and contract negotiations, personnel management, accounting, purchasing and insurance management, DOL & EEO filings.

PROFESSIONAL EXPERIENCE (CONTINUED)

Pratt & Whitney Aircraft – West Palm Beach, FL

Financial Specialist 1984 -1985

Credit & Collections Dept. Responsible for monthly billings, collection from US Air Force Procurement Office.

Florida Steel Corporation

Financial Analyst - 1980 - 1982

USF Cooperative Education – Responsibilities included accounts payable, accounts receivable, cost accounting, materials accounting, payroll and special projects.

EDUCATION & CREDENTIALS

- University of South Florida (1983)
- FL Institute of Technology (1983-1984)
- RCDD #001309
- SIECOR, 3M, Krone AT&T, Lucent
- CPA (1987)
- Affiliate Institute Transportation Eng.
- Alpha Tau Omega Fraternal Organization-Member
- Corning Certified Trainer
- FiberTrak Director
- Innovation in Commercial Design-
International Award Winner 2009 & 2011



Precision Contracting Services, Inc.

15834 Guild Court • Jupiter, FL 33478 • (561) 743-9737 • bboyd@pcsfiber.com

Cindy Boyd

President

QUALIFICATIONS

Cindy Boyd, as a graduate of the University of Alaska and owner of PCS, Ms. Boyd has over 38 years of construction experience in Florida and Alaska inclusive of personnel and equipment management, and contract negotiations.

PROFESSIONAL EXPERIENCE

Precision Contracting Services, Inc. – Jupiter, FL

President - 1990 to Present

Responsible for all aspects of establishment, development and management of company specializing in fiber optic design and installations. Perform all functions required of start-up company, including preparing bid applications, submitting credit reports, applying for bonding insurance, project evaluation, bidding and pre-bid meetings. Projects include: Orange/Osceola/Seminole Counties – Phase II SMIS Project; Indian River Co. – Countywide Communication System; Palm Beach Co. International Airport – Security Improvements; Gainesville Regional Airport – Lighting & Security Improvements; Aluchua Co. – Fiber Optic Voice Communication System Design

Telecommunications Consulting Services, Inc. – Orlando, FL

President - 2002 to Present

Responsible for all aspects of establishment, specializing in fiber optic training and network design consultant.

Signal Construction Co., Inc. – Orlando, FL

Fleet Manager - 1989 - 1991

Scheduling equipment in conjunction with project manager to meet requirements of individual projects, supervising field mechanics, coordinating equipment for crews, scheduling repairs and routine maintenance. Projects included: Orlando Airport (signage), KSC (signalization), East-West Expressway (signalization), and FDOT (North, Central and West Florida).

PROFESSIONAL EXPERIENCE (CONTINUED)

Enserch Alaska Construction Formerly Alaska International Construction, Inc.

Equipment Coordinator - 1984 – 1998

Equipment Coordinator - 1979 – 1981

Office Manager – 1979 - 1980

EDUCATION & CREDENTIALS

- University of Alaska (1985) BS Degree
- BICSI RCDD #001277
- Alabama Electrical Contractor
- Alabama General Contractor #01331
- Arizona Low Voltage Electrical K-67 Contractor
- Baltimore, MD Low Voltage Alarm/Signal Sys.
- FL Low Voltage Electrical Contractor
- FL Alarm Contractor II
- GA Low Voltage Telecommunications Contractor
- Iowa Contractor' License
- New Mexico Low Voltage Electrical Contractor
- North Carolina Low Voltage Electrical Contractor
- Tennessee Telecommunications Contractor
- VA Class A Contractor
- Fiber Certifications: Corning Cable Systems, SIECOR, 3M, AT&T and Macom
- Memberships: IAEI, FAEC, BICSI, IMSA
- IMSA – FO Level II
- OSHA Workplace Safety
- Confined Space Training-Sharpes
- Electrical Safety Training-NFPA



Precision Contracting Services, Inc.

15834 Guild Court • Jupiter, FL 33478 • (561) 743-9737 • cboyd@pcsfiber.com

Lynn Bayles

Area Manager

QUALIFICATIONS

Lynn Bayles has over eleven years of construction operation/purchasing experience. Lynn is responsible for PCS's south Florida daily project scheduling, equipment and estimating operations.

PROFESSIONAL EXPERIENCE

Precision Contracting Services, Inc. – Jupiter, FL **Area Manager - 1999 to Present**

Responsible for contract review, purchasing of all equipment, inventory and shipping and receiving material, research and acquisition of plans and specs, handles work orders on current projects. Coordinates all underground construction, obtains permits, project management, including scheduling field techs, equipment, material needed for project deployment and completion. Process daily field papers and invoices. Attends all progress meetings with FDOT and FL Turnpike ITS projects. Schedules all equipment repairs and routine maintenance.

Signal Construction Co., Inc. – West Palm Beach, FL **Purchasing - 1983 - 1986**

Responsible for submitting data, purchasing, inventory, reception and estimating.

EDUCATION

Wyoming Area High School – Exeter, PA (1979)

CREDENTIALS

American Red Cross – First Aid & CPR

BICSI – Telecommunications Project Manager

National Safety Council – Forklift Operator Certification

OSHA – Construction Safety and Health

CSC – National Seminar Series

EXFO – OTDR Advanced OTDR Testing

Corning – Road Cable Installations

Hands On FOI LAN

Hands On Fiber Optic Networks

See The Light – Fiber Optic Hardware



Precision Contracting Services, Inc.

15834 Guild Court • Jupiter, FL 33478 • (561) 743-9737 • lbayles@pcsfiber.com

The professional designation of

RTPM

Registered Telecommunications Project Manager

is awarded to

Jeff Bayles

by BICSI® in recognition of having successfully completed
BICSI's registration and examination requirements.

Issued

August 1, 2012

Expires

December 31, 2015

Angela Wherry

Chair, RCS Committee

Debra Mendez

Director of Credentialing



The American Traffic Safety Services Association

Hereby Recognizes That

Jeff Bayles

has attended the
**Florida Advanced Training-Grant
Training Course**

February 27, 2009
Date

West Palm Beach, FL

Location



SAFER ROADS SAVE LIVES

Don M. Clark
Training & Products Dept. Director

Ryan H. White
Executive Director

AMERICA CRANE TRAINING
SERVICES
Accident Prevention Is Our Business

PO Box 740177
Orange City, FL 32774

VEHICLE MOUNTED AERIAL LIFT CERTIFICATION

Name: Jeff Bayles	
DOB: 04-07-74	Emp. #: 5021
Issue Date: 03-02-12	Exp. Date: 03-02-14
Certification #: 611-921	
Employer: Precision Contracting Services Jupiter, FL	
Operator Signature:	

CFR Part 29 1910.67
CFR Part 29 1910.333
CFR Part 29 1926.453
ANSI/SIA A92.2 (Latest)
Aerial Lift Manufacturer's Recommendations
Any Questions call 1-800-847-7464

ACT Certifier: Bonna Hastings

RECEIVED
MAR 07 2012

BY: Orig to J. Bayles

SCANNED
HR + Co.

IMSA

Traffic Signal Certification Program

Corey W. Brittan

is Hereby Certified as a

Traffic Signal Technician Level I

by completing all requirements and examination.



97353

Cert #

AA_97353

Date

05/10/10

Good Thru

05/10/13

Maureen E. Lawrence

EXECUTIVE DIRECTOR

SCANNED

HR+CO

Information Transport Systems

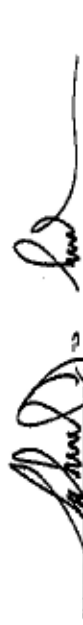
The designation of

BICSI ITS INSTALLER 2, OPTICAL FIBER

is awarded to

David Facey

by BICSI in recognition of having successfully completed
BICSI's registration and examination requirements.



BICSI President



BICSI Executive Director

11/13/2009
Issued

11/13/2012
Expires



IMSA

Traffic Signal Certification Program

Corey W. Brittan

is Hereby Certified as a

Traffic Signal Technician Level I

by completing all requirements and examination.



97353

Cert #

AA_97353

Date

05/10/10

Good Thru

05/10/13

Maileys E. Lawrence

EXECUTIVE DIRECTOR

SCANNED

HR+Co

David Facey

Fiber Optic Technician

QUALIFICATIONS

David Facey is responsible for aerial and underground cable installation, terminations, fiber optic cable fusion splicing, fiber optic Optical Time Domain Reflectometer (OTDR) testing, Light Source & Power Meter (LS/PM) testing, CCTV Installation, video detection, microwave detection, FO Ethernet and construction plan as-builts. Since 2007 has been involved with the completion of over 390 construction projects, as well as over 230 current on-going construction projects.

PROFESSIONAL EXPERIENCE

Cable & Wireless Jamaica – Kingston, Jamaica
Senior Technician – 1994 – 2004

Precision Contracting Services – Jupiter, FL
Fiber Optic Technician – 2007 to Present

EDUCATION

Knox Community College – Kingston, Jamaica
Industrial & Engineering Technology (1990)

University of Technology – Kingston, Jamaica
Electrical & Electronics Principles 1 (1996)
Solid State Electronics (2000)
Digital Circuits 1, (2001)

Vector Technology Institute – Kingston, Jamaica
Computer Technician (1998)

Jamaican Institute of Management – Kingston, Jamaica
Management Studies (2002)

CREDENTIALS

American Red Cross – Standard First Aid & Adult CPR

3M – Analyzer Fault Locating

Anixter – Migrating to IP: Plan for the Right Technologies

BICSI – ITS Installer 2

ITS Technician

Safety Links – Confined Space Training

Signamax – Certified Installer

Bosch – Divar MR-Digital Video Recorder

Network Basics (AV) Training

Cable & Wireless – FO Fusion Splicing Leadership Training

External Plant Appreciation

Chatsworth Products – Best Practices in the Data Center

Corning – OTDR and Splicer Equipment Training

Fiber in the House

Test & Troubleshoot FO Networks

See the Light-Termination Tech

See the Light-Optical Fiber Splicing

EXFO – Intro and Advanced FO Testing

IFS – FO Transmission System Design

Certified IFS Ethernet Administrator

Levitron – Guide to Electrical Theory

Essentials of Lighting Controls

Residential Structured Wiring I and II

Light Brigade – FO Design, Installation & Maintenance

Milestone – XProtect Enterprise 6.5

XProtect Corporate 2.0

XProtect Analytics 2.0

National Safety Council – Forklift Certification

OSHA – Construction Safety and Health

Panduit – 10 GigDesign Seminar

Ruggedcom – RuggedSwitch Basic Training



Precision Contracting Services, Inc.

15834 Guild Court • Jupiter, FL 33478 • (561) 743-9737 • dfacey@pcsfiber.com