



Agenda Item # C - 9

VILLAGE OF ROYAL PALM BEACH

Agenda Item
Summary

AGENDA ITEM:

Approval and authorization for the Village Manager to execute Change Order #5 for License Plate Reader Camera Installation (EN2106) project with ER Tech Systems Group Inc. dba Broadcast Systems. The cost for said services shall not exceed \$92,010.18 and funds will come from project EN2106 License Plate Reader Camera Installation.

Background:

The project consists of the purchase and installation of license plate recognition (LPR) cameras. The cameras will be located at all major roadway entry and exit points in the Village. The cameras are to be configured to share data with the National Vehicle Location Service (NVLS) and shall be hosted by Vigilant Solutions.

ISSUE:

The original design utilized power from existing Palm Beach County signal power sources. The County rejected the power connections during the permitting process. Proposed LPR cameras shall instead be supplied power from new electrical service points or from new continuous power outlets installed on existing light poles that are maintained by the Village.

Funds to come from Project: EN2106 Account No. 303-3900-539.63-58.

RECOMMENDED ACTION:

Staff recommends a motion to approve.

Initiator:	Village Manager	Agenda Date:	Village Council
	Approval:		Action:
Village Engineer		12/16/2021	

CHANGE ORDER

Date of Issuance 12/07/21

Effective Date 12/7/2021

No. 5

Owner	<u>Village of Royal Palm Beach</u>	
Contractor	<u>ER Tech Systems Group, Inc.</u>	
Contract	<u></u>	
Project	<u>License Plate Reader Cameras</u>	
Owner's Contract No	<u>EN2106</u>	Engineer's Contract No. <u>n/a</u>
Engineer	<u>Christopher Marsh, P.E.</u>	

You are directed to make the following changes in the Contract Documents:

DESCRIPTION:

1} Folsom & Okeechobee: connect pole 1 to existing electrical service 1 {2} Okeechobee & RPB Elementary: Install power service 2 and connect to pole 2 {3} Crestwood & Renaissance: Install power service 6 and connect to pole 6 {4} Southern Blvd: Provide wiring to existing pole outlets for continuous power for Poles 7a, 7b, 7c, 8a, 8b. {5} Lamstein & Southern: Install power service 8 and connect to pole 8c {6} Provide seven (7) PB1419 pull boxes at base of Poles 1-6, 8c on a temporary basis to allow for camera installation while waiting for receipt of the traffic-rated NewBasis 111812 pull box. Contractor shall replace temporary pull boxes with final product once received.

REASON FOR CHANGE ORDER:

{1,2,4,5,6} Connecting to power from County signal poles was rejected by the County (Poles 1, 2, 5, 6, 7a, 7b, 7c, 8a, 8b, 8c).
 {3} Solar was determined to be an infeasible method to power Pole 6.
 {6} Installing pull boxes will protect power sources in the event that camera poles are struck by vehicles. The traffic-rated pull boxes are experiencing long-lead production issues, so the temporary pull boxes will be installed presently to allow for the project to move forward.

ATTACHMENTS: (List Documents)

Cost Tabulation Sheet and Release of Claims; Contractor proposals (7 pages); maps (6 pages)

CHANGE IN CONTRACT PRICE	
Original Contract Price	<u>\$359,229.25</u>
Net Increase (decrease) from previous CO	<u>0</u> to <u>4</u> <u>-\$81,440.00</u>
Contract Price prior to this Change Order	<u>\$277,789.25</u>
Net increase (decrease) of this Change Order	<u>\$92,010.18</u>
Contract Price with all approved CO	<u>\$369,799.43</u>

CHANGE IN CONTRACT TIMES	
Original Contract Times	
Substantial Completion	<u>06/29/21</u>
Ready for final payment	<u>07/29/21</u>
Net changes from previous Change Orders	
<u>0</u> to <u>4</u>	
Substantial Completion	<u>232</u>
Ready for final payment	<u>232</u>
Contract Times prior to Change Order	
Substantial Completion	<u>02/16/22</u>
Ready for final payment	<u>03/18/22</u>
Net increase (decrease) this Change Order	
Substantial Completion	<u>0</u>
Ready for final Payment	<u>0</u>
Contract times with all approved Change Orders	
Substantial Completion	<u>02/16/22</u>
Ready for final payment	<u>03/18/22</u>

RECOMMENDED

APPROVED

ACCEPTED

By: _____ Date: _____

By: _____ Date: _____

By: _____ Date: _____

Change Order 5 - Cost Tabulation

Item No.	Description	Unit	Contract Quantity	Unit Price	Total Value	Days
CO5-1	Folsom & Okeechobee (connect pole 1 to existing electrical service)	LS	1	\$1,935.00	\$1,935.00	0
CO5-2	Okeechobee & RPB Elementary (provide power service 2 and connect to pole 2)	LS	1	\$7,624.00	\$7,624.00	0
CO5-3	Crestwood & Renaissance (provide power service 6 and connect to pole 6)	LS	1	\$7,624.00	\$7,624.00	0
CO5-4	Southern & Royal Palm Beach; Southern & Lamstein (provide wiring to existing pole outlets for continuous power for poles 7a, 7b, 7c, 8a, 8b)	LS	1	\$53,692.00	\$53,692.00	0
CO5-5	Lamstein & Southern (provide power service 8 and connect to pole 8c)	LS	1	\$7,624.00	\$7,624.00	0
CO5-6	Furnish & Install (7) PB1419 pull boxes temporarily, then replace with (7) NewBasis PCA111812 polymer concrete pull boxes once received	LS	1	\$6,695.61	\$6,695.61	0
CO5-7	Contractor overhead (3%)	LS	1	\$2,555.84	\$2,555.84	0
CO5-7	Allowable Contractor Markup for subcontracted work(5%)	LS	1	\$4,259.73	\$4,259.73	0
Totals					\$92,010.18	0

CONTRACTOR'S RELEASE OF CLAIMS

BE IT KNOWN THAT ER Tech Systems Group, Inc. (hereinafter referred to as "Contractor"), in exchange for good and valuable consideration, the receipt and sufficiency of which is acknowledged, hereby agrees as follows: (1) Change Order No.5 constitutes a full and final settlement of any and all claims, demands or causes of action of every kind and character, in law or equity, that Contractor now has, has had, or may hereafter have against the Village of Royal Palm Beach (hereinafter referred to as the "Village") that relate to or arise from, directly or indirectly, the work or items described in Change Order No.5, that relate to or arise from, directly or indirectly, the work or items described in Change Order Proposal No. 5, and that relate to or arise from, directly or indirectly, the Contract between Contractor and the Village and which accrued prior to the execution of Change Order No.5 (collectively referred to as the "Released Claims"); (2) the Released Claims include, but are not limited to, those claims, demands or causes of action for additional compensation relating to materials, labor, services, overhead and profit, for direct and indirect costs associated with any change order work, for adjustments to the contract price and/or contract time, and for all forms of damages, prejudgment interest, and costs and attorney's fees; and (3) Contractor does hereby remise, release, acquit, satisfy and forever discharge the Village, its officers, agents, attorneys, trustees, and employees, of and from any and all Released Claims, and does hereby waive its right to pursue such Released Claims.

Signature: _____ Title: _____

Print Name: _____ Date: _____

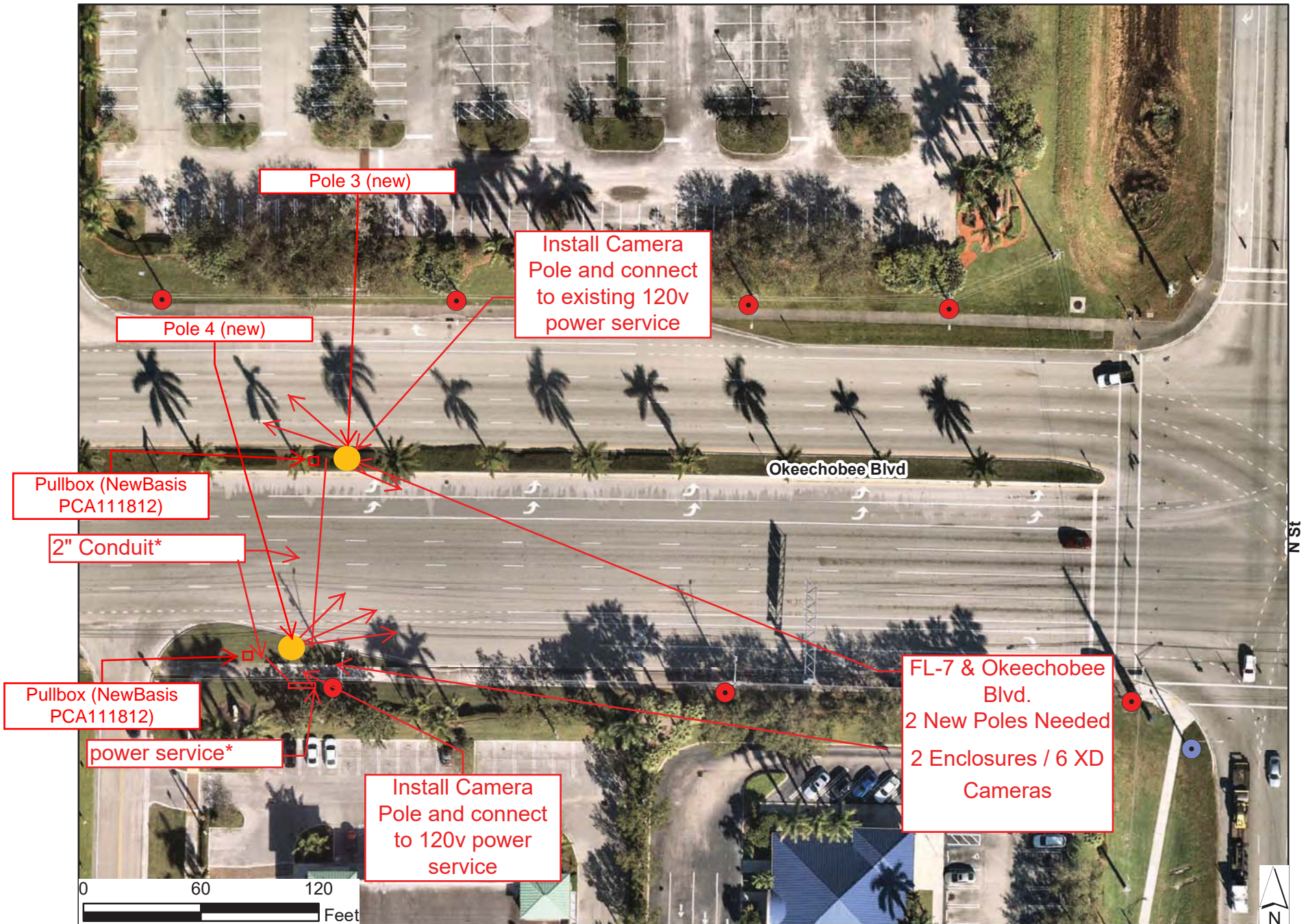


Mount on Concrete light Pole*.
Install Camera Pole in Median /
1 Enclosure / 2 XD Cameras.
Connect to existing 120 V power
service on pole.

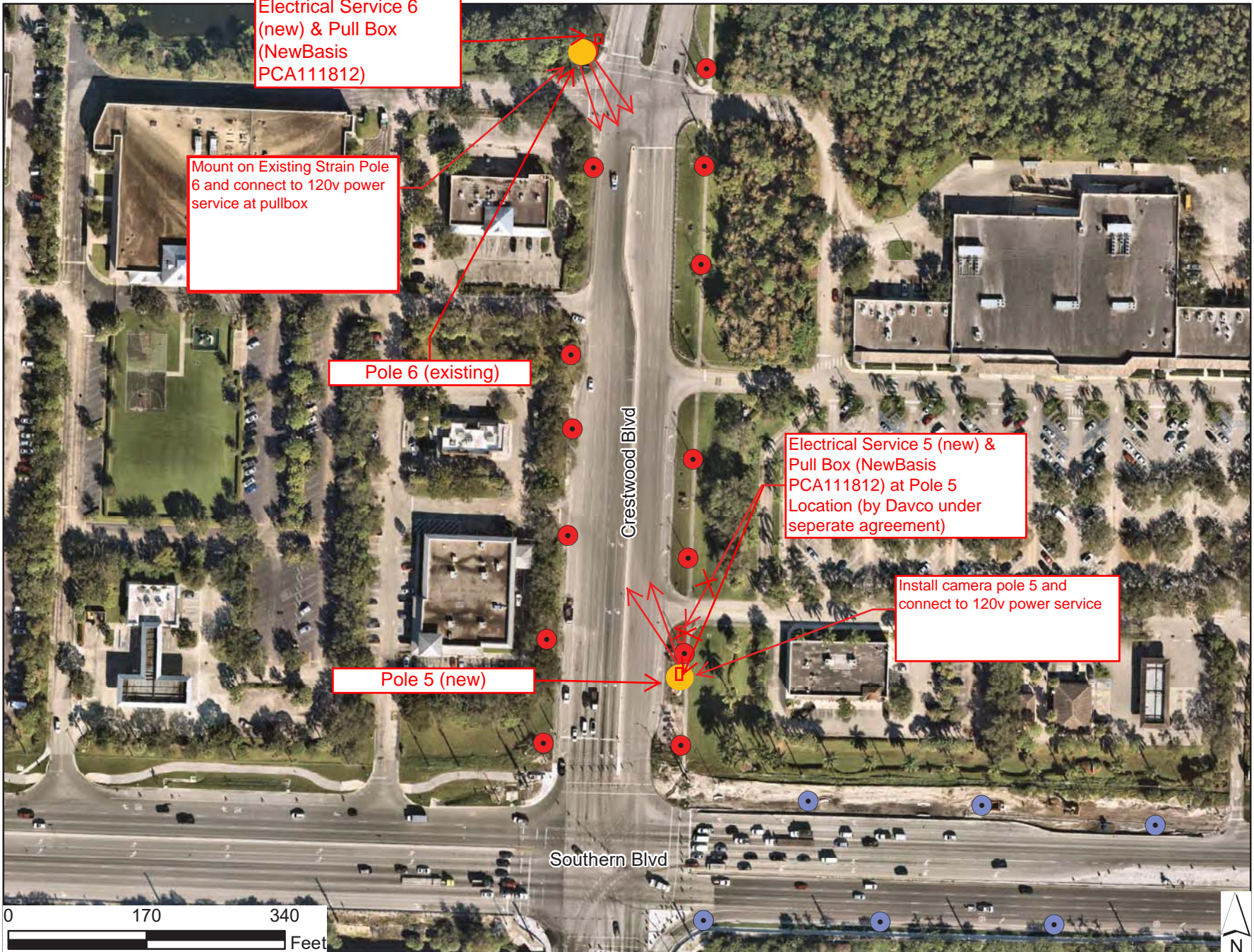
Pole 9 (existing)

* light pole will be installed by Davco
under separate agreement





* conduit & service will be installed by Davco under separate agreement





Mount Camera on Existing Light Pole and connect to existing 120v power service at Signal

Add continuous power from existing panel through existing conduit to outlet

Mount Camera on Existing Light Pole and connect to existing 120v power service at Signal

Add continuous power from existing panel through existing conduit to outlet

Pole 7b (existing)

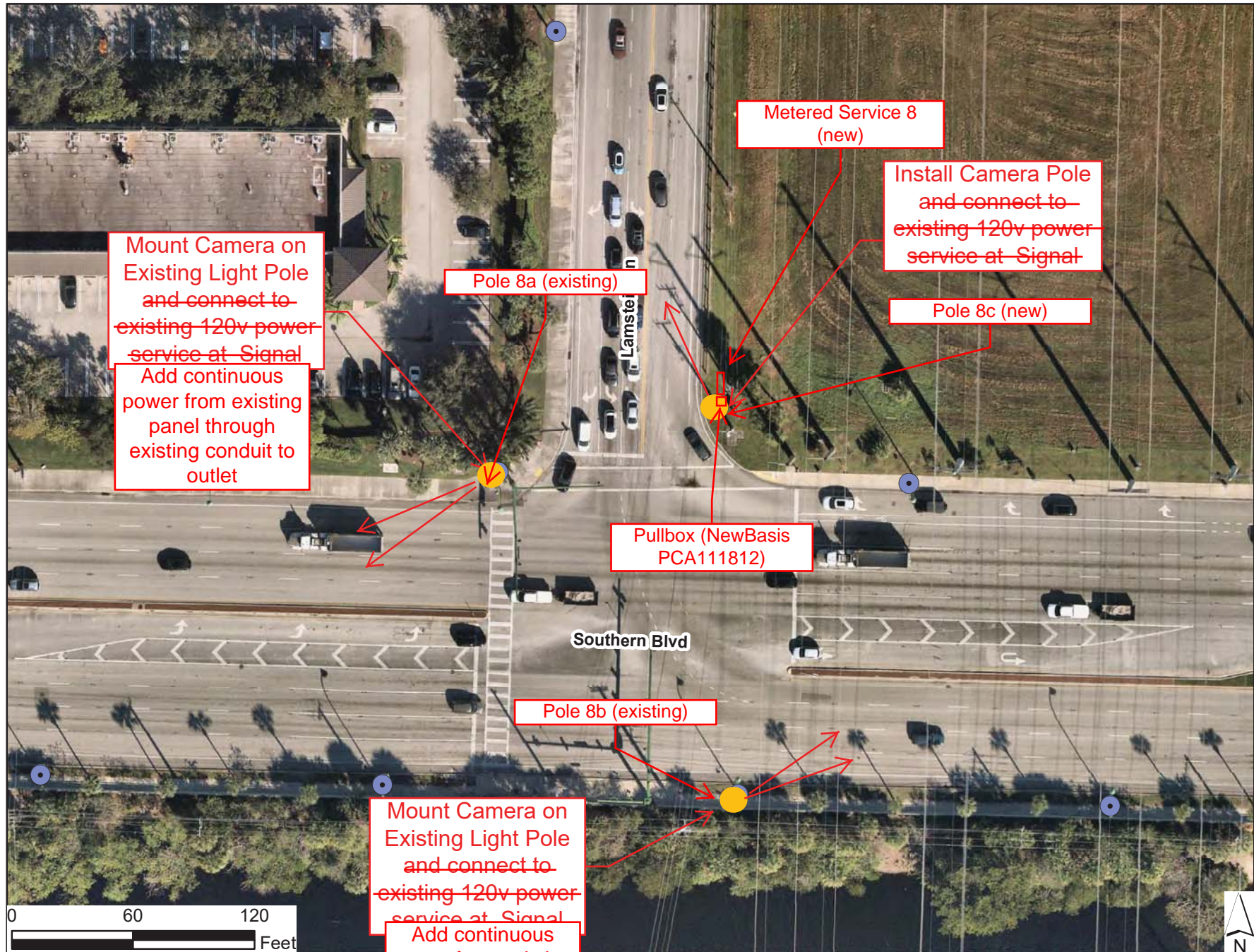
FL-80 & Royal Palm Beach Blvd. Install on DOT Traffic Lights
3 Enclosures / 5 XD Cameras / 1X10 Camera

Pole 7a (existing)

Pole 7c (existing)

Mount Camera on Existing Light Pole and connect to existing 120v power

Add continuous power from existing panel through existing conduit to outlet



Mount Camera on Existing Light Pole and connect to existing 120v power service at Signal
Add continuous power from existing panel through existing conduit to outlet

Pole 8a (existing)

Metered Service 8 (new)

Install Camera Pole and connect to existing 120v power service at Signal

Pole 8c (new)

Pullbox (NewBasis PCA11812)

Pole 8b (existing)

Mount Camera on Existing Light Pole and connect to existing 120v power service at Signal
Add continuous power from existing panel through existing conduit to outlet



October 1, 2021

Mr. David Rashkin
Broadcast Systems
ER Tech Systems Group Inc.
290 SW 12th Avenue, Suite 1
Pompano Beach, FL,

**Reference: Power LPR Camera (1) SE Corner Folsom Road and Okeechobee Blvd
Village of Royal Palm Beach Permit Address 912350 Okeechobee Blvd PCN 72-41-43-00-00-0799**

Davco Electrical Contractors Corp. is pleased to submit a quotation for the following scope of work:

Scope of Work:

1. Provide a one-line riser diagram signed sealed by qualifier to obtain electrical permit.
2. Provide and install (1) 120V 20Amp branch circuit to base of (1) camera location within 40' of electrical service located behind VRPB entrance monument sign.

Qualifications:

1. This proposals scope of work, qualifications and exclusions shall become part of the contract.
2. Price is valid for thirty (15) days from this date and is contingent on commodity market pricing fluctuation.
3. We did conduct a site visit.
4. All work to be done during normal 40-hour work week during daytime business hours.
5. Material Tax
6. One year warranty
7. Excavation and backfill for our work only.

Exclusions:

1. Permit, Utility and Municipal Company fees
2. Work not specifically shown on electrical drawings or noted in this proposal.
3. Cost associated with unforeseen subsurface conditions including dewatering.
4. Premium time or shift work.

Total price for this project is: \$1,935.00

Sincerely,

A handwritten signature in blue ink that reads "Russell White".

Russell White
Senior Project Manager



October 1, 2021

Mr. David Rashkin
Broadcast Systems
ER Tech Systems Group Inc.
290 SW 12th Avenue, Suite 1
Pompano Beach, FL,

Reference: Power LPR Camera (1) NW Corner Okeechobee Blvd and entrance RPB Elementary School Village of Royal Palm Beach Permit Address 912350 Okeechobee Blvd PCN 72-41-43-00-00-0799

Davco Electrical Contractors Corp. is pleased to submit a quotation for the following scope of work:

Scope of Work:

1. Provide a one-line riser diagram signed sealed by qualifier to obtain electrical permit.
2. Provide and install (1) 60A 120/240V 12 Circuit N3R FPL metered service.
3. Provide and install (1) 120V 20Amp branch circuit to base of (1) camera location within 40' of service point.
4. Provide record as build from FL State Registered Surveyor for coordinates of service point install.

Qualifications:

1. This proposals scope of work, qualifications and exclusions shall become part of the contract.
2. Price is valid for thirty (15) days from this date and is contingent on commodity market pricing fluctuation.
3. The service is to be constructed with (1) FPL approved meter, (1) approved service entrance rated N3R 60A 120/240 electrical panel, on a N3R service rack utilizing 1 ¼" galvanized pipe stands with ¾" galvanized uni strut.
4. The pricing provided is for the service to be within 20' from an FPL service drop location.
5. We did conduct a site visit.
6. All work to be done during normal 40-hour work week during daytime business hours.
7. Material Tax
8. One year warranty
9. Excavation and backfill for our work only.
10. Coordination with FPL for new service drop location will be provided by this contractor.

Exclusions:

1. Permit, Utility and Municipal Company fees
2. Work not specifically shown on electrical drawings or noted in this proposal.
3. Cost associated with unforeseen subsurface conditions including dewatering.
4. Premium time or shift work.

Total price for this project is: \$7,624.00.

Sincerely,

A handwritten signature in blue ink that reads "Russell White".

Russell White
Senior Project Manager



October 1, 2021

Mr. David Rashkin
Broadcast Systems
ER Tech Systems Group Inc.
290 SW 12th Avenue, Suite 1
Pompano Beach, FL,

**Reference: Power LPR Camera (1) NW Corner Crestwood Blvd & Renaissance School Drive
Village of Royal Palm Beach Permit Address 900065 Crestwood Blvd PCN 41-43-00-00-000-0720**

Davco Electrical Contractors Corp. is pleased to submit a quotation for the following scope of work:

Scope of Work:

1. Provide a one-line riser diagram signed sealed by qualifier to obtain electrical permit.
2. Provide and install (1) 60A 120/240V 12 Circuit N3R FPL metered service.
3. Provide and install (1) 120V 20Amp branch circuit to base of (1) camera location within 40' of service point.
4. Provide record as build from FL State Registered Surveyor for coordinates of service point install.

Qualifications:

1. This proposals scope of work, qualifications and exclusions shall become part of the contract.
2. Price is valid for thirty (15) days from this date and is contingent on commodity market pricing fluctuation.
3. The service is to be constructed with (1) FPL approved meter, (1) approved service entrance rated N3R 60A 120/240 electrical panel, on a N3R service rack utilizing 1 ¼" galvanized pipe stands with ¾" galvanized uni strut.
4. The pricing provided is for the service to be within 20' from an FPL service drop location.
5. We did conduct a site visit.
6. All work to be done during normal 40-hour work week during daytime business hours.
7. Material Tax
8. One year warranty
9. Excavation and backfill for our work only.
10. Coordination with FPL for new service drop location will be provided by this contractor.

Exclusions:

1. Permit, Utility and Municipal Company fees
2. Work not specifically shown on electrical drawings or noted in this proposal.
3. Cost associated with unforeseen subsurface conditions including dewatering.
4. Premium time or shift work.

Total price for this project is: \$7,624.00.

Sincerely,

A handwritten signature in blue ink that reads "Russell White".

Russell White
Senior Project Manager



October 1, 2021

Mr. David Rashkin
Broadcast Systems
ER Tech Systems Group Inc.
290 SW 12th Avenue, Suite 1
Pompano Beach, FL,

**Reference: Power LPR Camera (1) NE Corner Lamstein Lane & Southern Blvd
Village of Royal Palm Beach Permit Address 910850 Southern Boulevard, PCN 41-43-00-00-000-0086**

Davco Electrical Contractors Corp. is pleased to submit a quotation for the following scope of work:

Scope of Work:

1. Provide a one-line riser diagram signed sealed by qualifier to obtain electrical permit.
2. Provide and install (1) 60A 120/240V 12 Circuit N3R FPL metered service.
3. Provide and install (1) 120V 20Amp branch circuit to base of (1) camera location within 40' of service point.
4. Provide record as build from FL State Registered Surveyor for coordinates of service point install.

Qualifications:

1. This proposals scope of work, qualifications and exclusions shall become part of the contract.
2. Price is valid for thirty (15) days from this date and is contingent on commodity market pricing fluctuation.
3. The service is to be constructed with (1) FPL approved meter, (1) approved service entrance rated N3R 60A 120/240 electrical panel, on a N3R service rack utilizing 1 1/4" galvanized pipe stands with 3/4" galvanized uni strut.
4. The pricing provided is for the service to be within 20' from an FPL service drop location.
5. We did conduct a site visit.
6. All work to be done during normal 40-hour work week during daytime business hours.
7. Material Tax
8. One year warranty
9. Excavation and backfill for our work only.
10. Coordination with FPL for new service drop location will be provided by this contractor.

Exclusions:

1. Permit, Utility and Municipal Company fees
2. Work not specifically shown on electrical drawings or noted in this proposal.
3. Cost associated with unforeseen subsurface conditions including dewatering.
4. Premium time or shift work.

Total price for this project is: \$7,624.00.

Sincerely,

A handwritten signature in blue ink that reads "Russell White".

Russell White
Senior Project Manager



October 1, 2021

Mr. David Rashkin
Broadcast Systems
ER Tech Systems Group Inc.
290 SW 12th Avenue, Suite 1
Pompano Beach, FL, 33069

Reference: 20A GFI Outlets with permanent power.

(3) Lamstein Lane & Southern Blvd, 910850 Southern Blvd, PCN 41-43-00-00-000-0086

(3) Royal Palm Beach Blvd & Southern Blvd, 900392 Royal Palm Beach Blvd, PCN 41-43-00-00-000-0682

Davco Electrical Contractors Corp. is pleased to submit this quotation for the following scope of work:

Scope of Work:

1. Provide a one-line riser diagram signed sealed by qualifier to obtain (2) no fee electrical permits.
2. Provide and install (2) 120Volt circuits at (2) service points total (4) circuits to provide power to (3) GFI outlets from each service point total (6) GFI outlets.
3. Circuits are to be installed in existing raceways utilizing existing #6 ground wire as pulling cable to install (3) #10 and replace (1) #6 to (6) GFI locations as identified plan sheet L-9 and L-11 State of Florida DOT project # 229497-1-52-01 State Road 80 April 2007.

Qualifications:

1. This proposals scope of work, qualifications and exclusions shall become part of the contract.
2. Proposal is conditioned utilizing existing raceways and does not include the replacement of any wiring other than the ground wire being used as a pulling cable.
3. Price is valid for thirty (10) days from this date; this is contingent on commodity market pricing fluctuation.
4. We did conduct a site visit.
5. MOT is included.
6. Record as build of wiring will be provided by this contractor utilizing existing plans provided by Village of Royal Palm Beach.
7. All work to be done during normal 40-hour work week during daytime business hours.
8. Material Tax

Exclusions:

1. Permit, Utility and Municipal Company fees
2. Work not specifically shown on electrical drawings or noted in this proposal.
3. Primary conduit/cable/terminations
4. Code and/or specification upgrades to all existing to remain electrical installations.
5. Premium time or shift work.
6. Special temporary connections

Total price for this project is: \$53,692.00

Sincerely,

A handwritten signature in blue ink that reads "Russell White".

Russell White
Senior Project Manager
Permit documents provided by VRPB



December 7, 2021

Mr. Adamo DiSisto, E.I., Project Engineer
Village of Royal Palm Beach Engineering Department
1050 Royal Palm Beach Boulevard
Royal Palm Beach, FL, 33411

Reference: Revised: Traffic Rated PG-style tier 15 polymer concrete pull boxes

Davco Electrical Contractors Corp. is pleased to submit a quotation for the following scope of work:

Scope of Work:

1. Provide and install (1) of the above referenced pull boxes at (7) different LPR camera locations as identified in email from Adamo DiSisto 12/6/2021 2:22 pm. Total (7) installed.
2. Provide and install on a temporary basis (1) PB1419 at (7) locations to allow for camera install while waiting for receipt of the PG-style tier 15 polymer concrete pull boxes.

Qualifications:

1. This proposals scope of work, qualifications and exclusions shall become part of the contract.
2. Price is valid for thirty (15) days from this date; this is contingent on commodity market pricing fluctuation.
3. We did conduct a site visit.
4. All work to be done during normal 40-hour work week during daytime business hours.
5. Material Tax
6. One year warranty

Exclusions:

1. Permit, Utility and Municipal Company fees
2. Work not specifically noted in this proposal.
3. Cost associated with unforeseen subsurface conditions including dewatering.
4. Premium time or shift work.

Total price for this project is: \$6,695.61

Sincerely,

A handwritten signature in blue ink that reads "Russell White".

Russell White
Senior Project Manager
Attach: Copy of material quote.
Pull box cut sheets specifications



WHOLESALE DISTRIBUTORS

7641 CENTRAL INDUSTRIAL DRIVE, RIVIERA BEACH , FL. 33404
RIVIERA BCH. (561)-842-4911 LK WORTH (561) 585-6148 RP BEACH (561)798-5454
JUPITER (561)747-3330 PSL (772) 343-8422 VERO (772) 770-2772

QUOTATION

DATE: 12/6/21

PAGE 1 OF 1

CUSTOMER: DAVCO ELECTRIC

JOB NAME: RPB CAMERA PROJECT
LOCATION:

ATTN: RUSSELL WHITE

SPECIAL INSTRUCTIONS:

ARCHITECT:
ENGINEER :

Table with 6 columns: QTY, TYPE, DESCRIPTION, UNIT, PER, TOTAL. Rows include items like QUAZITE PG1118BA12 BOXES and QUAZITE PG1118HH0017 TIER 15 COVERS, followed by a detailed breakdown of costs including labor, overhead, and freight.

NOTE: THE ABOVE IS SUBJECT TO K&M ELECTRIC SUPPLY, INC. TERMS & CONDITIONS OF SALE, DIRECT SHIPMENTS ARE FOB SHIPPING POINT. PREPAID & ALLOWED OR PREPAID & CHARGE. CUSTOMER RESPONSIBLE FOR UNLOADING & RECEIVING OF MATERIAL

WRITTEN BY Chris Elder
Quote (7) PB1419 = \$412.00 +15%OHP \$474.00
Labor 1.5 X 7MH = 10.5 X \$78.00 \$819.00
Revised COR #12 quote \$6,695.61