

**PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY**

Meeting Date:	July 12, 2022	<input checked="" type="checkbox"/>	Consent	<input type="checkbox"/>	Regular
		<input type="checkbox"/>	Workshop	<input type="checkbox"/>	Public Hearing

Department:	Engineering & Public Works Department
Submitted By:	Engineering & Public Works Department
Submitted For:	Roadway Production Division

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: Supplement No. 2 (Supplement) to the contract (R2020-0991), dated August 25, 2020 (Contract) with Propel Engineering, Inc. (PEI) in the amount of \$111,504 for Lyons Road north of Lake Worth Drainage District L-30 Canal to Boynton Beach Boulevard (Project).

SUMMARY: Approval of this Supplement will authorize the professional services necessary for the preparation of design plans and construction bid documents to revise the design to allow existing right turn lanes to remain at subdivision entrances within the limits of the Project. The solicitation for design professionals was advertised on April 8, 2018 and April 15, 2018, prior to the effective date of the Equal Business Opportunity Ordinance and pursuant to the Small Business Enterprise (SBE) Ordinance at the time with final selection taking place on July 25, 2018. The SBE goal for all contracts was 15%. PEI agreed to 80% SBE participation for the Contract. They agreed to 100% SBE participation for this Supplement. Their cumulative SBE participation to date for the Contract including this Supplement is 90.1%. PEI has an office located in Palm Beach County and is a certified SBE company. **The Project is included in the Five-Year Road Program. District 5 (YBH)**


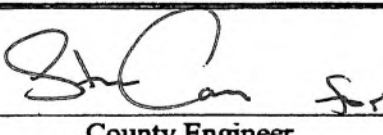
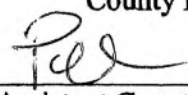
Background and Justification: On August 25, 2020, the Board of County Commissioners (BCC) approved the Contract with PEI to provide the professional services required for the Project. The fee, as detailed in **Exhibit B** of the attached Supplement, has been negotiated as just and reasonable compensation as follows:

Basic Services (Lump Sum)	\$111,504.00	(Roadway Analysis and Plans, Drainage Analysis, Signing & Pavement Marking)
Total:	\$111,504.00	

After reviewing the attached Supplement and finding it in proper order, the Engineering Department recommends BCC approval.

Attachments:

1. Location Map
2. Supplement No. 2 with Exhibits A, B, C, D & Ebi Insurance Compliance (2)

Recommended by: 		6/7/22
YBH/TEL	County Engineer	Date
Approved By: 		6/16/22
	Assistant County Administrator	Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2022	2023	2024	2025	2026
Capital Expenditures	<u>\$156,108</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
Operating Costs	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
External Revenues	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
Program Income (County)	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
In-Kind Match (County)	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
NET FISCAL IMPACT	<u>\$156,108</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
# ADDITIONAL FTE POSITIONS (Cumulative)	_____	_____	_____	_____	_____

Is Item Included in Current Budget? Yes X No
 Does this item include the use of federal funds? Yes No X

Budget Account No:
 Fund 3505 Dept 361 Unit 1877 Object 6505

Recommended Sources of Funds/Summary of Fiscal Impact:
 Road Impact Fee Fund - Zone 5
 Lyons Rd, N of LWDD L-30 Canal to Boynton Beach Blvd

Supplement # 2	
Basic Services	\$ 111,504.00
Reimbursables	\$ 0.00
Optional Services	\$ 0.00
Total Task Authorization	\$ 111,504.00
Staff Costs -	
Roadway Production	\$ 22,301.00
Survey	\$ 5,576.00
Right of Way	\$ 5,576.00
Traffic	\$ 11,151.00
Fiscal Impact	\$ 156,108.00

C. Departmental Fiscal Review: _____

III. REVIEW COMMENTS

A. OFMB Fiscal and/or Contract Dev. and Control Comments:

[Signature] 6/8/22 OFMB QA 6-8-22
[Signature] 6/14/22 Contract Dev. and Control 6-14-22 TW

B. Approved as to Form and Legal Sufficiency:

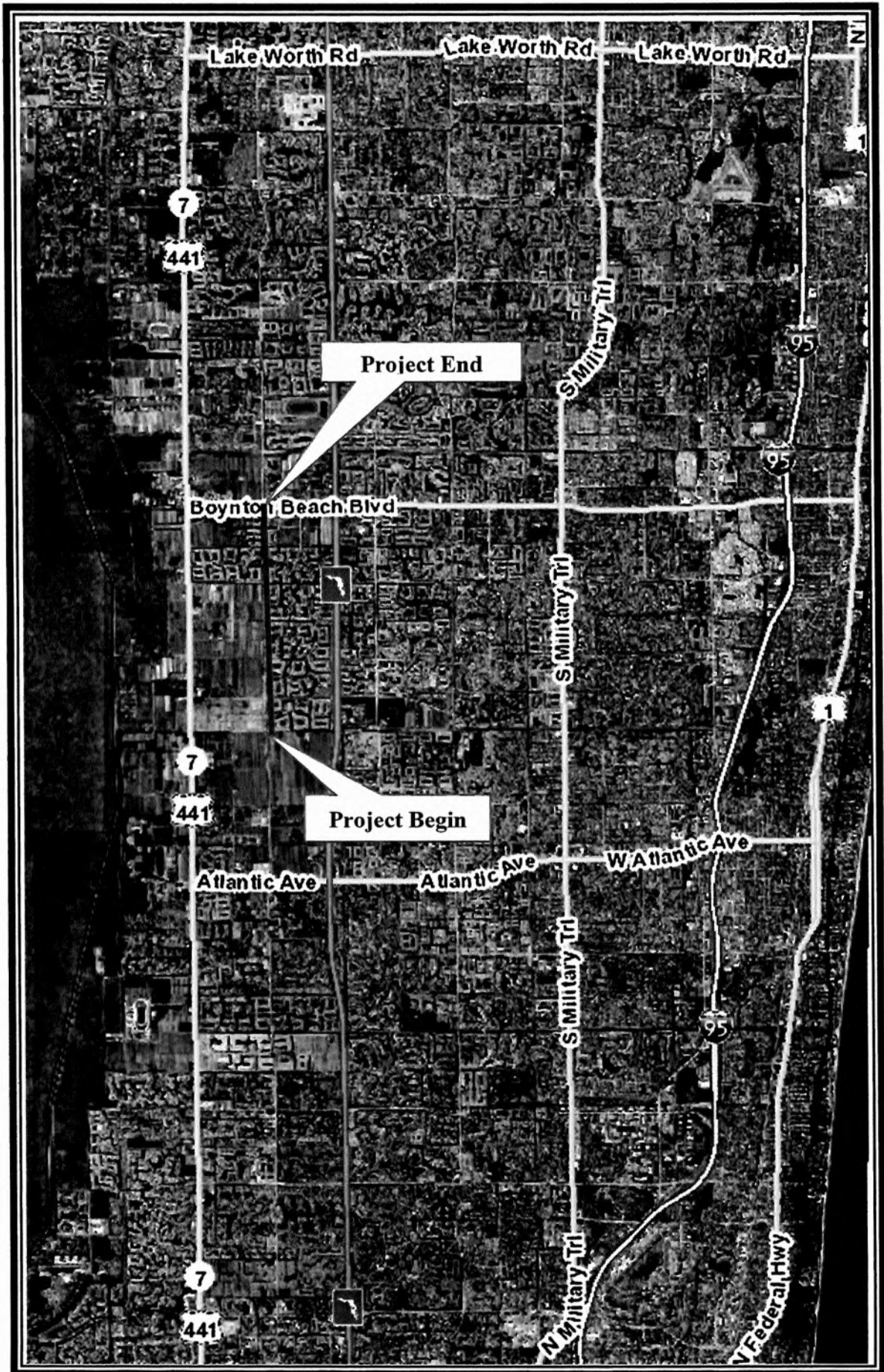
[Signature] For Liz Herman 6/16/22
 Assistant County Attorney

C. Other Department Review:

 Department Director

This summary is not to be used as a basis for payment.

**Lyons Road north of Lake Worth Drainage District (LWDD) L-30 Canal
to Boynton Beach Boulevard
Palm Beach County Project No. 2018503**



LOCATION MAP

**SUPPLEMENT NO. 2 TO THE
PROFESSIONAL SERVICES PROJECT CONTRACT
BY AND BETWEEN PALM BEACH COUNTY
AND PROPEL ENGINEERING, INC. FOR
LYONS ROAD NORTH OF LAKE WORTH DRAINAGE DISTRICT (LWDD) L-30
CANAL TO BOYNTON BEACH BOULEVARD
PROJECT # 2018503**

This Supplement No. 2 (SUPPLEMENT) to the Lyons Road north of Lake Worth Drainage District (LWDD) L-30 Canal to Boynton Beach Boulevard (PROJECT) Contract (R2020-0991), dated August 25, 2020 (CONTRACT), is made and entered into on _____, by and between Palm Beach County, a political subdivision of the State of Florida, by and through its Board of County Commissioners (COUNTY) and Propel Engineering, Inc., a Florida for Profit Corporation (CONSULTANT) whose Federal ID is 46-3316950 (individually Party and collectively Parties).

WITNESSETH

WHEREAS, the COUNTY and CONSULTANT entered into the CONTRACT on August 25, 2020 (R2020-0991) to design roadway improvements for the PROJECT; and

WHEREAS, the COUNTY desires the CONSULTANT to perform additional services for the PROJECT; and

WHEREAS, the CONSULTANT agrees to update the design plans and construction bid documents as required for the PROJECT to maintain existing right turn lanes; and

WHEREAS, the following fee has been negotiated and found to be reasonable compensation for these professional services to be performed by the CONSULTANT:

Basic Services in a lump sum fee of \$111,504.00
Reimbursable Expenses capped at \$0.00
Optional Services capped at \$0.00
Totaling **\$111,504.00**

NOW, THEREFORE, THIS INDENTURE WITNESSETH: That for and in consideration of the mutual benefits to flow from each to the other, the Parties hereto agree as follows:

The above recitals are true and correct and are incorporated herein.

The following Exhibits are attached to and made a part of this SUPPLEMENT.

Exhibit A - Scope of Work including Work Schedule

Exhibit B - Fee Schedule

Exhibit C – OEBO Schedules 1 and 2

Exhibit D – Project History

The COUNTY agrees to pay the CONSULTANT a fee of One Hundred Eleven Thousand Five Hundred Four Dollars and Zero Cents (\$111,504.00) for this SUPPLEMENT.

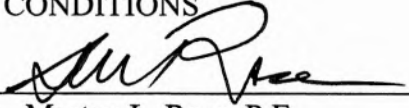
Except as hereby amended, changed or modified, all other provisions of the CONTRACT, shall remain in full force and effect.

REMAINDER OF PAGE LEFT BLANK INTENTIONALLY

IN WITNESS WHEREOF, the Board of County Commissioners of Palm Beach County, Florida, has made and executed this SUPPLEMENT for the PROJECT pursuant to the CONTRACT, on behalf of the COUNTY, and CONSULTANT has hereunto set its hand the day and year above written.

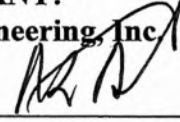
OWNER:

APPROVED AS TO TERMS
AND CONDITIONS

By: 
Morton L. Rose, P.E.
Director of Roadway Production

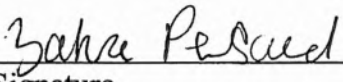
CONSULTANT:

Propel Engineering, Inc.


Majharul Alam, P.E. President



ATTEST WITNESS:


Signature

Zahra Persaud
Name (type or print)


Signature

Encka Taylor Moore
Name (type or print)

{SIGNATURE PAGES CONTINUED}

ATTEST:

Joseph Abruzzo
Clerk of the Circuit Court & Comptroller

COUNTY:

Palm Beach County, a Political Subdivision of the
State of Florida, by and through its Board of County
Commissioners

By: _____
Deputy Clerk

By: _____
Robert S. Weinroth, Mayor

APPROVED AS TO FORM
AND LEGAL SUFFICIENCY

(Seal)

By: /s/Yelizaveta B. Herman
Yelizaveta B. Herman
Assistant County Attorney

OK MA
4-5-2022
OK ~~SS~~
5/26/22

SCOPE OF SERVICES
Supplemental Agreement 2

Date: 09/22/2021 (Revised 10/14/2021, 03/05/2022, 03/22/2022)

**Lyons Road North of Lake Worth Drainage District (LWDD) L-30 Canal to Boynton
Beach Boulevard
Palm Beach County (PBC) Project No. 2018503**

The purpose of this supplemental agreement is to address the additional engineering services that is needed to redesign portion of the roadway to allow the right turn lanes located within the existing 110' Lyons Road right-of-way to remain in place with construction of this project.

The scope consists of the following tasks:

1. Maintain an exclusive right turn lane at the following locations:
 - a. Northbound Lyons Rd to EB Appalachian Ridge Road
 - b. Southbound Lyons Rd to WB Golden Crescent Drive
 - c. Southbound Lyons Rd to WB Flavor Pict Road
 - d. Northbound Lyons Rd to EB Blue Mountain Avenue
 - e. Northbound Lyons Rd to EB Malear Palm Drive
 - f. Northbound Lyons Rd to EB Meadow Lake Drive
 - g. Northbound Lyons Rd to EB Canyon Lakes Drive
 - h. Southbound Lyons Rd to WB Lake Royal Road
 - i. Northbound Lyons Rd to EB Connector Rd.
 - j. Northbound Lyons Rd to EB to Canyon Town Center Entrance

The right turn lanes will be provided within the existing Lyons Road right-of-way. This will be accomplished by reducing the widths of the existing medians on Lyons Road at each right turn lane locations. The roadway alignment will be transitioned by using proper deflection to match the existing median. The existing trees and landscape conflicting with the widening in the median will be removed.

2. The existing medians will be further reduced to maintain the current left turn and U-turn lanes throughout the project.
3. The existing medians will be further reduced to maintain the proposed U-turn lane at Connector Road.
4. Modification of the pedestrian signal due to the conflict with widening and the new signal has been added at the Golden Crescent Drive recently.
5. Provide as-built and the shop drawing review for the pedestrian signal at the Golden Crescent Drive.

**PBC Project 2018503 - Lyons Road
North of Lake Worth Drainage District (LWDD) L-30 Canal to Boynton Beach Boulevard**

ID	Task Name	Duration	Start	20		2021				2022				2023				2024		
				Jul	Oct	Jan	Apr	Jul	Oct	Jan	Apr	Jul	Oct	Jan	Apr	Jul	Oct	Jan	Apr	Jul
1	Project Duration	956 days	Tue 8/25/20																	
2	Board of County Commissioners Award	0 days	Tue 8/25/20	◆ 8/25																
3	Notice to Proceed (NTP)	1 day	Thu 9/10/20																	
4	Perform Field Survey	55 days	Thu 9/24/20																	
5	Submit Design Survey for PBC Comments	21 days	Thu 12/10/20																	
6	Implement PBC Design Survey Comments	10 days	Fri 1/8/21																	
7	PBC Review and Approve Survey	21 days	Fri 1/22/21																	
8	Phase I	454 days	Mon 12/28/20																	
9	Phase IA - Initial Utility Contact Plans	10 days	Mon 1/4/21																	
10	Phase IB - Typical Section	10 days	Mon 1/4/21																	
11	PBC Review and Approve Phase IB - Typical Section	21 days	Thu 3/18/21																	
12	Phase IC - Master Plan	15 days	Mon 12/28/20																	
13	PBC Review and Approve Phase IC - Master Plan	64 days	Mon 1/18/21																	
14	NTP SA #1 (Lighting Analysis)	1 day	Tue 11/9/21																	
15	NTP SA #2 (Design Modification Due to Right Turn Lane)	1 day	Tue 3/22/22																	
16	Phase IC - Master Plan Resubmittal	40 days	Wed 3/23/22																	
17	PBC Review and Approve Phase IC - Master Plan Resubmittal	21 days	Wed 5/18/22																	
18	Phase ID - 35% Plans	50 days	Thu 6/16/22																	
19	PBC Review and Approve Phase ID - 35% Plans	21 days	Thu 8/25/22																	
20	Phase II	220 days	Fri 9/23/22																	
21	Phase IIA - Utility Pothole Coordination Plans	10 days	Fri 9/23/22																	
22	Phase IIB - First Utility Coordination Plans	10 days	Fri 9/23/22																	
23	Phase IIC - Pothole Underground Utilities at Possible Conflict Points	10 days	Fri 10/7/22																	
24	Phase IIC - First Utility Coordination Meeting	0 days	Fri 10/28/22	◆ 10/28																

	Task		External Milestone	◆	Manual Summary Rollup		Path Predecessor Summary Task	
	Split		Inactive Task		Manual Summary		Path Predecessor Normal Task	
	Milestone	◆	Inactive Milestone		Start-only		Critical	
	Summary		Inactive Summary		Finish-only		Critical Split	
	Project Summary		Manual Task		Deadline		Progress	
	External Tasks		Duration-only		Path Predecessor Milestone Task	◆		

**PBC Project 2018503 - Lyons Road
North of Lake Worth Drainage District (LWDD) L-30 Canal to Boynton Beach Boulevard**

ID	Task Name	Duration	Start	2020		2021				2022				2023				2024								
				Jul	Oct	Jan	Apr	Jul	Oct	Jan	Apr	Jul	Oct	Jan	Apr	Jul	Oct	Jan	Apr	Jul						
25	Phase IID - 65% Plans	50 days	Mon 10/31/22																							
26	PBC Review and Approve Phase IID - 65% Plans	21 days	Mon 1/9/23																							
27	Phase IIE - Stake Existing and Proposed Right-of-Way	10 days	Tue 2/7/23																							
28	Phase IIF - Field Review of Proposed Right-of-Way, Easements, Etc.	1 day	Tue 2/21/23																							
29	Phase IIG - Right-of-Way Documents	50 days	Wed 2/22/23																							
30	Phase IIG - PBC Review and Comments on Legal Descriptions and Sketches	21 days	Wed 5/3/23																							
31	Phase IIG - Implementation of PBC Comments on Legal Descriptions and Sketches	10 days	Thu 6/1/23																							
32	Phase IIG - PBC Review and Approve of Legal Descriptions and Sketches	21 days	Thu 6/15/23																							
33	Phase IIH - All Permits Applied For	10 days	Fri 7/14/23																							
34	Phase III	96 days	Fri 7/28/23																							
35	Phase IIIA - Utility Conflict Resolution Plans	25 days	Fri 7/28/23																							
36	Phase IIIB - Second Utility Coordination Meeting (Final Conflict Resolution)	0 days	Thu 8/31/23																							
37	Phase IIIC - 96% Plans	50 days	Fri 9/1/23																							
38	PBC Review and Approve Phase IIIC - 96% Plans	21 days	Fri 11/10/23																							
39	Phase IV	76 days	Mon 12/11/23																							
40	Phase IVA - Final Utility Coordination Meeting	25 days	Mon 12/11/23																							
41	Phase IVB - 100% Plans	30 days	Mon 1/15/24																							
42	PBC Review and Approve Phase IVB - 100% Plans	21 days	Mon 2/26/24																							
43	Final Plans	21 days	Tue 3/26/24																							
44	All Permits Received	1 day	Tue 3/26/24																							
45	Prepare Final Plans	20 days	Wed 3/27/24																							
46	Submit Signed and Sealed Plans	0 days	Tue 4/23/24																							
47	Submit Final Cost Estimate	0 days	Tue 4/23/24																							
48	Submit Electronic Files	0 days	Tue 4/23/24																							

Task	█	External Milestone	◇	Manual Summary Rollup	█	Path Predecessor Summary Task	█
Split	Inactive Task	- - - - -	Manual Summary	┌───┐	Path Predecessor Normal Task	█
Milestone	◇	Inactive Milestone	- - - - -	Start-only	┌	Critical	█
Summary	┌───┐	Inactive Summary	- - - - -	Finish-only	└─┐	Critical Split	█
Project Summary	┌───┐	Manual Task	█	Deadline	↓	Progress	█
External Tasks	█	Duration-only	█	Path Predecessor Milestone Task	◇		

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project: Lyons Road North of Lake Worth Drainage District (LWDD) Consultant Name: Propel Engineering, Inc.
 L-30 Canal to Boynton Beach Boulevard
 County: Palm Beach Consultant No.: 18130102-03
 FPN: PBC#2018503

Staff Classification	Hours From "SH Summary - Firm"	Project Manager	Senior Engineer	Project Engineer	Engineering Intern	CADD/Computer Technician	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$65.00 ✓	\$60.00 ✓	\$45.00 ✓	\$31.00 ✓	\$28.00 ✓			
4. Roadway Analysis	438	90	125	153	27	43	438	\$22,276	\$50.86
5. Roadway Plans	197	20	62	79	18	18	197	\$9,637	\$48.92
6a. Drainage Analysis	17	3	4	6	2	2	17	\$823	\$48.41
20. Signing & Pavement Marking Plans	40	5	10	18	4	3	40	\$1,943	\$48.58
21. Signalization Analysis	28	4	7	13	2	2	28	\$1,383	\$49.39
22. Signalization Plans	9	0	3	5	0	1	9	\$433	\$48.11
23. Signal As-built	14	2	3	6	3	0	14	\$673	\$48.07
Total Staff Hours	743	124	214	280	56	69	743		
Total Staff Cost		\$8,060.00	\$12,840.00	\$12,600.00	\$1,736.00	\$1,932.00		\$37,168.00 ✓	\$50.02

Check = \$37,168.00

PROPEL SALARY RELATED COST: \$37,168.00
 Multiplier (Approved) 3.00 \$111,504.00 ✓

Basic Services		
Prime: (for Roadway, Drainage, S&PM, & Signal)	Propel Engineering, Inc.	\$111,504.00 ✓
TOTAL BASIC SERVICES ESTIMATED FEES:		\$111,504.00 ✓

Project Activity 4: Roadway Analysis

Estimator: MA

Lyons Road North of Lake Worth Drainage District (LWDD) L-30 Canal to Boynton Beach Boulevard

PBC#2018503

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
4.1	Typical Section Package	LS	1	8	8	1- new typical section for the median widening 8 hours and revision to existing three Typical section 3@0hrs
4.2	Horizontal /Vertical Master Design Files	LS	1	265	265	
4.3	Cross Section Design Files	LS	1	50	50	
4.4	Plateau Intersection Design	LS	0	0	0	
4.5	Design Report	LS	1	0	0	Revision to design reports
4.6	Quantities	LS	0	0	0	
4.7	Right Turn Lane Analysis and Assist PBC for graphics	LS	1	105	105	
Roadway Analysis Technical Subtotal					428	
4.8	Field Reviews	LS	1	4	4	1 additional field review x 2 attendees x (2 hr rev)
4.9	Progress Meetings for Roadway/Lead Engineer	LS	1	4	4	One additional Meeting
4.10	Develop and Update Project Schedule	LS	0	0	0	
4.11	Project Manager Meetings	LS	1	2	2	Meetings are listed below
4.12	Coordination with adjacent projects during design	LS	0	0	0	
4.13	Coordination with Subs during design and bidding	LS	0	0	0	
Roadway Analysis Nontechnical Subtotal					10	
4. Roadway Analysis Total					438	✓

List of Project Manager Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments
Roadway Analysis	EA	1	2	2	one additional meeting with Palm Beach County Roadway
Drainage	EA	0	0	0	
Utilities	EA	0	0	0	
Environmental	EA	0	0	0	
Signalization	EA	0	0	0	
Field Reviews	EA	0	0	0	
Total Project Manager Meetings		1		2	

Project Activity 5: Roadway Plans

Estimator: MA

Lyons Road North of Lake Worth Drainage District (LWDD) L-30 Canal to Boynton Beach Boulevard

PBC#2018503

Task No.	Task	Scale	Units	No. of Units or Sheet	Hours/ Unit or Sheet	Total Hours	Comments
5.1	Key Sheet		Sheet	0	0	0	
5.2	Summary of Pay Items Including Quantity Input		Sheet	0	0	0	
5.3.1	Typical Sections		EA	4	2	8	1- new typical section for the median widening 8 hours and revision to existing three Typical sections 3@0hrs
5.3.2	Typical Section Details		EA	0	0	0	
5.4	General Notes/Pay Item Notes		Sheet	0	0	0	
5.5	Summary of Quantities Sheets		Sheet	0	0	0	
5.8	Profile Sheet		Sheet	31	2	62	Revision to 31 sheets
5.9	Plan Sheet		Sheet	31	4	124	Revision to 31 sheets
5.10	Driveway & Sidestreet Profiles		EA	1	3	3	1 sidestreet Profiles at Golden Cres Dr
5.11	Back-of-Sidewalk Profile Sheet		LS	0	0	0	
5.12	Interchange Layout Sheet		Sheet	0	0	0	
5.13	Ramp Terminal Details (Plan View)		Sheet	0	0	0	
5.14	Intersection Layout Details		Sheet	0	0	0	
5.15	Special Details		EA	0	0	0	
5.18	Cross Sections		EA	0	0	0	
5.25	Project Network Control Sheet(s)		Sheet	0	0	0	
Roadway Plans Technical Subtotal						197	
5. Roadway Plans Total						197	✓

Project Activity 6a: Drainage Analysis

Estimator: MA

Lyons Road North of Lake Worth Drainage District (LWDD) L-30 Canal to Boynton Beach Boulevard

PBC#2018503

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
6a.1	Established Existing Drainage System	LS	0	0	0	
6a.2	Base Clearance Calculations	Per Location	0	0	0	
6a.3	Pond Siting Analysis and Report	Per Basin	0	0	0	
6a.4	Design of Cross Drains	EA	0	0	0	
6a.5	Design of Ditches	Per Ditch Mile	0	0	0	
6a.6	Design of Stormwater Management Facility (Offsite or Infield Pond)	EA	0	0	0	
6a.7	Design of Stormwater Management Facility (Roadside Treatment Swales and Linear Ponds)	Per Cell	0	0	0	
6a.8	Design System to connect the existing pipe networks within adjacent Developments	EA	1	12	12	Analyse new system for the new Development between L-30 and Golden Cres Drive
6a.9	Design of Storm Drains	EA	5	1	5	Drainage Structure at the new Development between L-30 and Golden Cres Drive and at two new right turn lanes
6a.10	Optional Culvert Material	EA	0	0	0	
6a.11	French Drain Systems	Per Cell	0	0	0	
6a.13	Drainage Design Documentation Report	LS	1	0	0	
Drainage Analysis Technical Subtotal					17	
6a.21	Field Reviews	LS	1	0	0	
6a.22	Technical Meetings	LS	0	0	0	
Drainage Analysis Nontechnical Subtotal					0	
6a. Drainage Analysis Total					17	

Project Activity 20: Signing and Pavement Marking Plans

Estimator: MA

Lyons Road North of Lake Worth Drainage District (LWDD) L-30 Canal to Boynton Beach Boulevard

PBC#2018503

Task No.	Task	Scale	Units	No of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
20.1	Key Sheet		Sheet	0	0	0	0	
20.3	Tabulation of Quantities		Sheet	0	0	0	0	
20.4	General Notes/Pay Item Notes		Sheet	0	0	0	0	
20.5	Project Layout		Sheet	0	0	0	0	
20.6	Plan Sheet		Sheet	0	0	0	0	
20.7	Stripping change due to new alignments		LS	1	40		40	
20. Signing and Pavement Marking Plans Total						4	40	

Project Activity 21: Signalization Analysis

Estimator: JV

Lyons Road North of Lake Worth Drainage District (LWDD) L-30 Canal to Boynton Beach Boulevard

PBC#2018503

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
21.1	Traffic Data Collection	LS	0	0	0	
21.2	Traffic Data Analysis	PI	0	0	0	
21.3	Signal Warrant Study	LS	0	0	0	
21.4	System Timings	LS	0	0	0	
21.5	Reference and Master Signalization Design File	PI	1	18	18	Ped Signals upgrade at Golden Cres Drive / Appalachian Ridge Road 18 hrs
21.6	Reference and Master Interconnect Communication Design File	LS	0	0	0	
21.7	Overhead Street Name Sign Design	EA	0	0	0	
21.8	Pole Elevation Analysis	LS	0	0	0	
21.9	Traffic Signal Operation Report	LS	0	0	0	
21.10	Quantities	LS	1	6	6	1 intersection
21.11	Cost Estimate	LS	0	0	0	
21.12	Technical Special Provisions	LS	0	0	0	
21.13	Other Signalization Analysis	LS	0	0	0	
Signalization Analysis Technical Subtotal					24	
21.14	Field Reviews	LS	1	4	4	one additional field reviews 4 hrs
21.15	Technical Meetings	LS	0	0	0	Meetings are listed below
Signalization Analysis Nontechnical Subtotal					4	
21. Signalization Analysis Total					28	

Project Activity 22: Signalization Plans

Estimator: JV

Lyons Road North of Lake Worth Drainage District (LWDD) L-30 Canal to Boynton Beach Boulevard

PBC#2018503

Task No.	Task	Scale	Units	No of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
22.1	Key Sheet		Sheet	0	0	0	0	
22.2	Summary of Pay Items Sheet		Sheet	0	0	0	0	
22.3	Tabulation of Quantities		Sheet	1	3	1	3	Golden Crescent Intersection
22.4	General Notes/Pay Item Notes		Sheet	0	0	0	0	
22.5	Plan Sheet		Sheet	1	6	1	6	Golden Crescent Intersection
22.6	Interconnect Plans		Sheet	0	0	0	0	
22.7	Traffic Monitoring Site		EA	0	0	0	0	
22.8	Guide Sign Worksheet		EA	0	0	0	0	
22.9	Special Details		Sheet	0	0	0	0	
22.10	Special Service Point Details		EA	0	0	0	0	
22.11	Mast Arm/Monotube Tabulation Sheet		PI	0	0	0	0	
22.12	Strain Pole Schedule		PI	0	0	0	0	
22.13	TCP Signal (Temporary)		EA	0	0	0	0	
22.14	Temporary Detection Sheet		PI	0	0	0	0	
22.15	Utility Conflict Sheet		Sheet	0	0	0	0	
Signalization Plans Technical Subtotal						2	9	
22. Signalization Plans Total						2	9	

23. Signal As-built

Estimator:

Lyons Road North of Lake Worth Drainage District (LWDD) L-30 Canal to Boynton Beach Boulevard

PBC#2018503

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
23.1	Signal As-built	LS	1	10	10	
23.2	Signal shopdrawing review	LS	1	4	4	
23. Signal As-built Total					14	

OEBO SCHEDULE 1

LIST OF PROPOSED CONTRACTOR/CONSULTANT AND SUBCONTRACTOR/SUBCONSULTANT PARTICIPATION

SOLICITATION/PROJECT/BID NAME: Lyons Road North of Lake Worth Drainage District (LWDD) L-30 Canal to Boynton Beach Boulevard **+**
 NAME OF PRIME RESPONDENT/BIDDER: Propel Engineering, Inc.
 CONTACT PERSON: Majharul Alam, PE, PMP
 SOLICITATION OPENING/SUBMITTAL DATE: May 08, 2018 ✓

SOLICITATION/PROJECT/BID No.: 2018503 ✓
 ADDRESS: 2711 Vista Parkway, Suite B-7, West Palm Beach, FL 33411
 PHONE NO.: 561-866-5730 E-MAIL: maj@propel-engineering.com
 DEPARTMENT: Engineering & Public Works

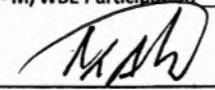
PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY THE PRIME CONTRACTOR/CONSULTANT ON THIS PROJECT. PLEASE ALSO LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY ALL SUBCONTRACTORS/SUBCONSULTANTS ON THE PROJECT.

Name, Address and Phone Number	(Check all Applicable Categories)			DOLLAR AMOUNT OR PERCENTAGE OF WORK										
	Non-SBE	M/WBE Minority/Women Business	SBE Small Business	Black	Hispanic	Women	Caucasian	Other (Please Specify)						
1. Propel Engineering, Inc. 2711 Vista Parkway, Suite B-7, West Palm Beach, FL 33411 (561) 866-5730	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____	_____	_____	Asian \$111,504.00						
2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____						
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____						
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____						
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____						
(Please use additional sheets if necessary)								Total	_____	_____	_____	_____	_____	\$111,504.00 ✓

Total Bid Price \$ \$111,504.00

Total SBE - M/WBE Participation \$111,504.00/100%

I hereby certify that the above information is accurate to the best of my knowledge:


Signature

President
Title

- Note:
- The amount listed on this form for a Subcontractor/subconsultant must be supported by price or percentage listed on the properly executed Schedule 2 or attached signed proposal.
 - Firms may be certified by Palm Beach County as an SBE and/or an M/WBE. If firms are certified as both an SBE and/or M/WBE, please indicate the dollar amount under the appropriate category.
 - Modification of this form is not permitted and will be rejected upon submittal.

OEBO LETTER OF INTENT – SCHEDULE 2

A completed Schedule 2 is a binding document between the Prime Contractor/consultant and a Subcontractor/subconsultant (for any tier) and should be treated as such. The Schedule 2 shall contain bolded language indicating that by signing the Schedule 2, both parties recognize this Schedule as a binding document. All Subcontractors/subconsultants, including any tiered Subcontractors/subconsultants, must properly execute this document. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: 2018503
 SOLICITATION/PROJECT NAME: Lyons Road North of Lake Worth Drainage District (LWDD) L-30 Canal to Boynton Beach Boulevard

Prime Contractor: Propel Engineering, Inc. Subcontractor: _____

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 04/12/2020 to 04/11/2023

The undersigned affirms they are the following (select one from each column if applicable):

Column 1	Column 2	Column 3
<input checked="" type="checkbox"/> Male <input type="checkbox"/> Female	<input type="checkbox"/> African-American/Black <input checked="" type="checkbox"/> Asian American <input type="checkbox"/> Caucasian American	<input type="checkbox"/> Supplier
	<input type="checkbox"/> Hispanic American <input type="checkbox"/> Native American	

S/M/WBE PARTICIPATION – S/M/WBE Primes must document all work to be performed by their own work force on this form. Failure to submit a properly executed Schedule 2 for any S/M/WBE participation may result in that participation not being counted. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. S/M/WBE credit will only be given for the areas in which the S/M/WBE is certified. A detailed proposal may be attached to a properly executed Schedule 2.

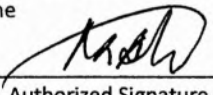
Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
1	3.02 General Highway Design	\$111,504.00	1	n/a	\$111,504.00

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$111,504.00

If the undersigned intends to subcontract any portion of this work to another Subcontractor/subconsultant, please list the business name and the amount below accompanied by a separate properly executed Schedule 2.

_____ Price or Percentage: _____

Name of 2nd/3rd tier Subcontractor/subconsultant

Propel Engineering, Inc.
 Print Name of Prime
 By: 
 Authorized Signature
Majharul Alam
 Print Name
President
 Title
 Date: 04/07/2022

 Print Name of Subcontractor/subconsultant
 By: _____
 Authorized Signature

 Print Name

 Title

 Date: _____

PROJECT HISTORY

Lyons Road North of Lake Worth Drainage District (LWDD) L-30 Canal to Boynton Beach Boulevard Project#2018503					
Authorization	Supplement	Date Approved	Total Amount	SBE Amount	SBE %
BCC	Original Contract	8/5/20	\$ 1,176,850.56	\$ 1,043,616.56	88.67%
Lead	Supplement #1	11/5/21	\$ 46,392.00	\$ 46,392.00	100.00%
Lead	Redistribution of fees	31-Jan-21	\$ (0.37)	\$ (0.37)	100.00%
Lead	Redistribution of fees	pending	\$ (25,834.00)	\$ -	0.00%
			\$ 25,833.19	\$ 25,833.19	100.00%
BCC	Supplement #2	pending	\$ 111,504.00	\$ 111,504.00	100.00%
Project Totals			\$ 1,334,745.38	\$ 1,227,345.38	91.95%

Search

Insured Name

Propel Engineering, Inc. (DX00000830)

Propel Engineering, Inc. (2018503)

Active Records Only
Advance Search

Insured Tasks | **Admin Tools**

View

- Insured
- Notes
- History
- Deficiencies
- Coverages
- Requirements
- Contract Screen

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Video Tutorials

Insured

Name:	Propel Engineering, Inc.
Account Number:	DX00000830
Address:	
Status:	Currently in Compliance.

Insured

Account Information	
Account Number:	DX00000830
Risk Type:	Standard - Professional Services
Do Not Call:	Address Updated:
Address Information	
Mailing Address	Physical Address
Insured:	Propel Engineering, Inc.
Address 1:	
Address 2:	
City:	
State:	
Zip:	
Country:	
Contract Information	
Contract Number:	
Contract Start Date:	Contract End Date:
Contract Effective Date:	Contract Expiration Date:
Description of Services:	Safety Form II: No
2018503-Lyons Rd., N of Lake Worth Drainage District (LWDD) L-30 Canal to Boynton Beach Blvd.	
Contact Information	
Contact Name:	Maj Alam
Phone Number:	5618665730
Fax Number:	
E-Mail Address:	maj@propel-engineering.com
Approval Date:	
Rush:	No
Contract on File:	No
Certificate Received:	No
Indemnification Agreement:	No
Tax Id:	

This Account created by e61 on 06/23/2020.