

Exhibit A
City of Delray Beach
Thomas Street Stormwater Pump Station Improvements
Engineering During Construction Assistance
June 6, 2024

Task Description	Labor Categories						Subtotal
	Senior Project Manager	Senior Professional Engineer	Project Engineer	Senior Field Representative	Project Coordinator	Subconsultant	
Labor Hourly Billing Rate	\$250.00	\$210.00	\$165.00	\$150.00	\$85.00		
Task 1 - Administrative (NTE)	180	172	32	0	20	0	\$ 88,100
A Project Coordination (City and Construction Contractor)	172						\$ 43,000
B Project Management (Inhouse and Subconsultants)		172					\$ 36,120
C Assistance with Public Records Requests	8		32		20		\$ 8,980
Task 2 - Pre-Construction Activities	84	82	176	48	54	0	\$ 79,050
A Easement Assistance	40	16	40		16		\$ 21,320
B Prepare As-Bid Conformed Documents		16	80		8		\$ 17,240
C Pre-Construction Meeting	16	4		4	4		\$ 5,780
D Pre-Construction Submittals	4	8	16	16	8		\$ 8,400
E Initial Coordination with Residents (142 and 202 Seabreeze Ave.)	8	20		20	4		\$ 9,540
F Attend Site Meetings Construction Contractor (exist. Conditions)	8	8		8	4		\$ 5,220
G Attend Meetings City and Construction Contractor	8	8	40		8		\$ 10,960
H Issue Notice to Proceed		2			2		\$ 590
Task 3 - During Construction Activities (NTE)	60	712	1,064	3,420	410	0	\$ 887,930
A Utility Conflict Resolution Plan Assistance	4	16	20		8		\$ 8,340
B Review Construction Contractor's Schedule	8	48			12		\$ 13,100
C Review Construction Contractor's Submittals	8	60	200		40		\$ 51,000
D Full-time Resident Project Representative				3,420			\$ 513,000
E Daily Field Observation Reports		152			76		\$ 38,380
F Perform Site Visits (Sr. and Project Engineer)		92	92		16		\$ 35,860
G Attend Bi-Weekly Progress Meetings			228		104		\$ 46,460
H Attend Additional Construction Meetings		120			52		\$ 29,620
I Requests For Information (RFIs)	8	60	120		16		\$ 35,760
J Field Directive Changes	12	40	100		20		\$ 29,600
K Pay Applications		44	88		22		\$ 25,630
L Grant Assistance (Performed by City)							\$ -
M Log/Track Construction Contractor's Material Testing Results	4	8	20		8		\$ 6,660
N Review Construction Contractor's As-Built Drawings	8	40	100		8		\$ 27,580
O Assist Coordinating City Utilities Dept./Franchise Utilities			40		20		\$ 8,300
P Substantial Completion Walk-Through	8	24	40		4		\$ 13,980
Q Final Completion Walk-Through		8	16		4		\$ 4,660
Task 4 - Project Closeout	8	36	40	0	8	0	\$ 16,840
A Project Commissioning Assistance	4	20	20		4		\$ 8,840
B Project Closeout Documents	4	16	20		4		\$ 8,000
Task 5 - Subconsultant Services (NTE)	0	0	0	0	0	\$186,272	\$ 186,272
A Smith Engineering Consultants - Electrical Engineering						\$30,000	\$ 30,000
B Kimley-Horn Task 1 - Construction Phase Services						\$112,069	\$ 112,069
C Kimley-Horn Task 2 - Construction Phase Site Observations						\$44,203	\$ 44,203
Task 6 - Public Outreach	24	28	80	4	126	0	\$ 36,390
A Produce and Distribute Publications			40		40		\$ 10,000
B Administer a Project Hotline/Compliant Log			40		80		\$ 13,400
C Support City ongoing Public Outreach	20	20			4		\$ 9,540
D Attend One (1) Public Meeting	4	8		4	2		\$ 3,450
Task 7 - Contingency	0	0	0	0	0	0	\$ 100,000
A Contingency							\$ 100,000
Subtotal	\$89,000	\$216,300	\$229,680	\$520,800	\$52,530	\$186,272	

The spreadsheet is a fee cost estimate based on specific labor classifications and labor hourly billing rates as noted. However, other labor classifications (and billing rates based on the approved rate schedule) may be used to complete hourly tasks on this project as necessary.

Subtotal	\$ 1,394,582
Reimbursables	\$ 3,500
Total	\$ 1,398,082

Fee Breakdown

Hourly Not to Exceed (NTE) (Tasks 1, 3, and 5)	\$ 1,162,302
Lump Sum (Tasks 2, 4, 6 and Reimbursables)	\$ 135,780
Contingency	\$ 100,000
Total	\$ 1,398,082

MOCK • ROOS

CONSULTING ENGINEERS

Mock, Roos & Associates, Inc.
City of Delray Beach
Thomas Street Stormwater Pump Station Improvements
Engineering During Construction Assistance
City RFQ No. 2023-048
Hourly Rates

	Hourly Rates
Principal Engineer	\$ 295.00
Senior Project Manager	\$ 250.00
Senior Professional Engineer	\$ 210.00
Project Engineer	\$ 165.00
Senior Field Representative	\$ 150.00
Project Coordinator	\$ 85.00

Rates are valid until December 31, 2026. After which date rates may be subject to increases based on Consumer Price Index for Escalation. After hours (nighttime) and weekend hours (Saturday and Sunday) may be charged at 1.5 times the Hourly Rates for each category. Reimbursables will be invoiced on a lump sum basis.

ESTIMATE FOR ENGINEERING SERVICES

PROJECT:	RFQ 2023-048 Thomas Street Stormwater Pump Station Improvements Project	SHEET	1 of 1
CLIENT:	Mock-Roos & Associates, Inc.	FILE NO.	
ESTIMATOR:	JP3	DATE:	05/30/24

DESCRIPTION: See Scope of Services	Sr Structural Engineer I	Sr Grant Specialist	Structural Engineer I	Engineering Intern	Registered Landscape Architect	Landscape Architect	Senior Technician	Secretary / Clrical	SUB	EXP	LINE TOTAL

Task 1 - Construction Phase Services												\$112,069
Attend Precon Meeting Const Phase	4.0		4.0									\$1,692
Pre Construction Existing Conditions Meetings (1 @ 4 hrs)	4.0											\$992
Progress Meetings (up to 12 total meetings @ 4hr each)	48.0											\$11,904
Coordination with Field Representative	24.0		32.0									\$11,552
Clarifications and Interpretations	16.0		16.0									\$6,768
Change Orders	27.0											\$6,696
Shop Drawings and Samples								32.0				\$3,136
Facility Plan	4.0			8.0								\$2,112
Concrete mix designs	6.0		16.0									\$4,288
Mortar, grout, CMU Block, epoxies, and other material shop drawings	8.0			16.0								\$4,224
Shoring and formwork shop drawings	4.0			6.0								\$1,832
Bill of reinforcement shop drawing	24.0		60.0									\$16,452
Metal fabrications (grating and associated parts)	2.0			6.0								\$1,336
Railing shop drawing	8.0			16.0								\$4,224
Waterstop and jointing layout	4.0			8.0								\$2,112
Dewatering Plan	4.0											\$992
Sheet Pile Wall layout, materials, and coatings	10.0		12.0									\$4,580
Temporary cofferdam	9.0			10.0								\$3,632
Landscape Plantings					8.0							\$1,480
Irrigation					8.0							\$1,480
Substitutes and "or Equals"	8.0			12.0								\$3,664
Recommendation to defective work	26.0											\$6,448
Substantial Completion Site Visit Punchlist	8.0		6.0		6.0							\$4,144
Final Completion	5.0				5.0							\$2,165
Review record drawings	8.0				4.0		8.0					\$4,164
Task 2 - Construction Phase Site Observation Services												
Structural Site Visits (up to 36 visits)	50.0						130.0	36.0				\$39,328
Landscape Site Visits (Up to 6 visits)					15.0	15.0						\$4,875
TOTAL HOURS	311.0	0.0	146.0	82.0	46.0	15.0	138.0	68.0	0	0		\$112,069.00
LABOR (\$/HOUR)	248.00	240.00	175.00	140.00	185.00	140.00	180.00	98.00	1.00	1.0		
Expenses												
TOTALS	77,128.00	0.00	25,550.00	11,480.00	8,510.00	2,100.00	24,840.00	6,664.00	0.00	0.00		\$156,272.00

SMITH ENGINEERING CONSULTANTS, INC.

Hourly Rates

Principal.....	\$215.00 per hour
Engineer.....	\$190.00 per hour
Asst. Engineer	\$155.00 per hour
CADD Designer	\$105.00 per hour
Clerical	\$80.00 per hour