CITY OF MANHATTAN BEACH - MANHATTAN AVE/HIGHLAND AVE IMPROVEMENTS PROJECT
COMPENSATION AND FEE SCHEDULE - Revised

TASK	Task Description	Principal F2 (PIC, QC Manager)	Associate F1 (Project Manager)	Engineer D3 (Senior Engineer)	Engineer C2 (Project Engineer)	Engineer B3 (Staff Engineer)	Admin Support	Total GHD Hours	GHD Labor COSTS	CALVADA (SURVEYING)	LA BELLE MARVIN (PAVEMENT)	ARELLANO (PUBLIC OUTREACH)	Total Fee
		205 /HR	195 /HR	165 /HR	145 /HR	125 /HR	80 /HR			Subconsultants Including 2% markup			
TASK 1	**PROJECT MANAGEMENT AND MEETINGS**												
1	**PROJECT MANAGEMENT**												
1.1	Project Coordination		8		22			30	$ 4,750	$ -	$ -	$ -	$ 4,750
1.2	Project Management throughout the life of the project		22					22	$ 4,290	$ -	$ -	$ -	$ 4,290
	Subtotal		**30**		**22**			**52**	**$ 9,040**	**$ -**	**$ -**	**$ -**	**$ 9,040**
2	**PROJECT MEETINGS**												
2.1	Attend Kick off meeting		3		3			6	$ 1,020	$ -	$ -	$ -	$ 1,020
2.2	60% Design Progress Meeting		3		3			6	$ 1,020	$ -	$ -	$ -	$ 1,020
	Subtotal		**6**		**6**			**12**	**$ 2,040**	**$ -**	**$ -**	**$ -**	**$ 2,040**
SUBTOTAL TASK 1													**$ 11,080.00**
TASK 2	**PROJECT PS&E PACKAGE**												
3	**TOPOGRAPHIC SURVEY**												
3.1	Field topographical survey (Calvada)		1					1	$ 195	$ 8,160	$ -	$ -	$ 8,355
	Subtotal		**1**					**1**	**$ 195**	**$ 8,160**	**$ -**	**$ -**	**$ 8,355**
4	**UTILITY RESEARCH**												
4.1	Desktop utility research					2		2	$ 250	$ -	$ -	$ -	$ 250
	Subtotal					**2**		**2**	**$ 250**	**$ -**	**$ -**	**$ -**	**$ 250**
5	**PAVEMENT REPORTS**												
5.1	FWD TEST and Report		2				2	4	$ 550	$ -	$ 16,376	$ -	$ 16,926
	Subtotal		**2**				**2**	**4**	**$ 550**	**$ -**	**$ 16,376**	**$ -**	**$ 16,926**
6	**60% PLANS, SPECIFICATIONS AND ESTIMATES**												
6.1	Street Improvement Plans				16	24		40	$ 5,320	$ -	$ -	$ -	$ 5,320
6.2	Signing and Striping Plans					4		4	$ 500	$ -	$ -	$ -	$ 500
6.3	Utility Relocation and Connection Plans				8			8	$ 1,160	$ -	$ -	$ -	$ 1,160
6.4	Engineer's Estimate			2				2	$ 330	$ -	$ -	$ -	$ 330
6.5	Technical Specifications Table of Contents			1				1	$ 165	$ -	$ -	$ -	$ 165
6.6	Quality Control	4						4	$ 820	$ -	$ -	$ -	$ 820
	Subtotal	**4**		**3**	**24**	**28**		**59**	**$ 8,295**	**$ -**	**$ -**	**$ -**	**$ 8,295**
7	**95% PLANS, SPECIFICATIONS AND ESTIMATES**												
7.1	Street Improvement Plans				8	32		40	$ 5,160	$ -	$ -	$ -	$ 5,160
7.2	Signing and Striping Plans					8		8	$ 1,000	$ -	$ -	$ -	$ 1,000
7.3	Traffic Control Plans			8		16		24	$ 3,320	$ -	$ -	$ -	$ 3,320
7.4	Utility Relocation and Connection Plans				16			16	$ 2,320	$ -	$ -	$ -	$ 2,320
7.5	Engineer's Estimate			4				4	$ 660	$ -	$ -	$ -	$ 660
7.6	Technical Specifications			4				4	$ 660	$ -	$ -	$ -	$ 660
7.7	Quality Control	4						4	$ 820	$ -	$ -	$ -	$ 820
	Subtotal	**4**		**16**	**24**	**56**		**100**	**$ 13,940**	**$ -**	**$ -**	**$ -**	**$ 13,940**
8	**100% PLANS, SPECIFICATIONS AND ESTIMATES**												
8.1	Street Improvement Plans				8	8		16	$ 2,160	$ -	$ -	$ -	$ 2,160
8.2	Signing and Striping Plans					2		2	$ 250	$ -	$ -	$ -	$ 250
8.3	Traffic Control Plans			8		16		24	$ 3,320	$ -	$ -	$ -	$ 3,320
8.4	Utility Relocation and Connection Plans				8			8	$ 1,160	$ -	$ -	$ -	$ 1,160
8.5	Engineer's Estimate			4				4	$ 660	$ -	$ -	$ -	$ 660
8.6	Technical Specifications			8				8	$ 1,320	$ -	$ -	$ -	$ 1,320
8.7	Quality Control	4						4	$ 820	$ -	$ -	$ -	$ 820
8.8	Services Rendered Necessary by the City Engineer			16	16			32	$ 4,960	$ -	$ -	$ -	$ 4,960
	Subtotal	**4**		**36**	**32**	**26**		**98**	**$ 14,650**	**$ -**	**$ -**	**$ -**	**$ 14,650**
SUBTOTAL TASK 2													**$ 62,416**
TASK 3	**PUBLIC OUTREACH**												
9	**Public Outreach**												
9.1	Public Outreach including 4 meetings		4					4	$ 780	$ -	$ -	$ 9,561	$ 10,341
	Subtotal		**4**					**4**	**$ 780**	**$ -**	**$ -**	**$ 9,561**	**$ 10,341**
SUBTOTAL TASK 3													**$ 10,341**
TASK 4	**BID AND CONSTRUCTION PHASE**												
10	**BID SUPPORT**												
10.1	Provide on-going support during bidding phase		4		2			6	$ 1,070	$ -	$ -	$ -	$ 1,070
	Subtotal		**4**		**2**			**6**	**$ 1,070**	**$ -**	**$ -**	**$ -**	**$ 1,070**
11	**CONSTRUCTION SUPPORT**												
11.1	Provide on-going support during construction phase		10		4			14	$ 2,530	$ -	$ -	$ -	$ 2,530
	Subtotal		**10**		**4**			**14**	**$ 2,530**	**$ -**	**$ -**	**$ -**	**$ 2,530**
SUBTOTAL TASK 4													**$ 3,600**
	REIMBURSABLE EXPENSES (NOT TO EXCEED)												
	Reimbursable expenses								$ -	$ -	$ -	$ -	$ 3,000
	Subtotal								**$ -**	**$ -**	**$ -**	**$ -**	**$ 3,000**
Total Task 1 through 4		**12**	**57**	**55**	**114**	**112**	**2**	**352**	**$53,340**	**$8,160**	**$16,376**	**$9,561**	**$ 90,437**

CITY OF MANHATTAN BEACH - PARKVIEW AVE IMPROVEMENTS PROJECT
COMPENSATION AND FEE SCHEDULE - Revised

TASK	Task Description	Principal F2 (PIC, QC Manager)	Associate F1 (Project Manager)	Engineer D3 (Senior Engineer)	Engineer C2 (Project Engineer)	Engineer B3 (Staff Engineer)	Admin Support	Total GHD Hours	GHD Labor COSTS	CALVADA (SURVEYING)	Total Fee
		205 /HR	195 /HR	165 /HR	145 /HR	125 /HR	80 /HR			Subconsultants Including 2% markup	
TASK 1	**PROJECT MANAGEMENT AND MEETINGS**										
1	**PROJECT MANAGEMENT**										
1.1	Project Coordination		8		10			18	$ 3,010	$ -	$ 3,010
1.2	Project Management throughout the life of the project		10					10	$ 1,950	$ -	$ 1,950
	Subtotal		**18**		**10**			**28**	**$ 4,960**	**$ -**	**$ 4,960**
2	**PROJECT MEETINGS**										
2.1	Attend Kick off meeting		3		3			6	$ 1,020	$ -	$ 1,020
2.2	60% Design Progress Meeting		3		3			6	$ 1,020	$ -	$ 1,020
	Subtotal		**6**		**6**			**12**	**$ 2,040**	**$ -**	**$ 2,040**
SUBTOTAL TASK 1											**$ 7,000.00**
TASK 2	**PROJECT PS&E PACKAGE**										
3	**TOPOGRAPHIC SURVEY**										
3.1	Field topographical survey (Calvada)		1					1	$ 195	$ 2,550	$ 2,745
	Subtotal		**1**					**1**	**$ 195**	**$ 2,550**	**$ 2,745**
4	**UTILITY RESEARCH**										
4.1	Desktop utility research					2		2	$ 250	$ -	$ 250
	Subtotal					**2**		**2**	**$ 250**	**$ -**	**$ 250**
5	**60% PLANS, SPECIFICATIONS AND ESTIMATES**										
5.1	Street Improvement Plans				8	8		16	$ 2,160	$ -	$ 2,160
5.2	Landscaping and Irrigation Plans					12		12	$ 1,500	$ -	$ 1,500
5.3	Utility Relocation and Connection Plans				4			4	$ 580	$ -	$ 580
5.4	Engineer's Estimate			1				1	$ 165	$ -	$ 165
5.5	Technical Specifications Table of Contents			1				1	$ 165	$ -	$ 165
5.6	Quality Control	2						2	$ 410	$ -	$ 410
	Subtotal	**2**		**2**	**12**	**20**		**36**	**$ 4,980**	**$ -**	**$ 4,980**
6	**95% PLANS, SPECIFICATIONS AND ESTIMATES**										
6.1	Street Improvement Plans (including retaining wall design)				8	8		16	$ 2,160	$ -	$ 2,160
6.2	Landscaping and Irrigation Plans					16		16	$ 2,000	$ -	$ 2,000
6.3	Utility Relocation and Connection Plans				4			4	$ 580	$ -	$ 580
6.4	Engineer's Estimate			2				2	$ 330	$ -	$ 330
6.5	Technical Specifications			2				2	$ 330	$ -	$ 330
6.6	Quality Control	2						2	$ 410	$ -	$ 410
	Subtotal	**2**		**4**	**12**	**24**		**42**	**$ 5,810**	**$ -**	**$ 5,810**
7	**100% PLANS, SPECIFICATIONS AND ESTIMATES**										
7.1	Street Improvement Plans				2	8		10	$ 1,290	$ -	$ 1,290
7.2	Landscaping and Irrigation Plans					8		8	$ 1,000	$ -	$ 1,000
7.3	Utility Relocation and Connection Plans				4			4	$ 580	$ -	$ 580
7.4	Engineer's Estimate			2				2	$ 330	$ -	$ 330
7.5	Technical Specifications			2				2	$ 330	$ -	$ 330
7.6	Quality Control	2						2	$ 410	$ -	$ 410
	Subtotal	**2**		**4**	**6**	**16**		**28**	**$ 3,940**	**$ -**	**$ 3,940**
SUBTOTAL TASK 2											**$ 17,725**
TASK 3	**RIGHT OF WAY ENGINEERING**										
8	**RIGHT OF WAY**										
8.1	Prepare R/W legal and plats (Calvada)				1			1	$ 145	$ 816	$ 961
	Subtotal				**1**			**1**	**$ 145**	**$ 816**	**$ 961**
SUBTOTAL TASK 3											**$ 961**
TASK 4	**BID AND CONSTRUCTION PHASE**										
9	**BID SUPPORT**										
9.1	Provide on-going support during bidding phase		4		2			6	$ 1,070	$ -	$ 1,070
	Subtotal		**4**		**2**			**6**	**$ 1,070**	**$ -**	**$ 1,070**
10	**CONSTRUCTION SUPPORT**										
10.1	Provide on-going support during construction phase		4		4			8	$ 1,360	$ -	$ 1,360
	Subtotal		**4**		**4**			**8**	**$ 1,360**	**$ -**	**$ 1,360**
SUBTOTAL TASK 4											**$ 2,430**
	REIMBURSABLE EXPENSES (NOT TO EXCEED)										
	Reimbursable expenses								$ -	$ -	$ 500
	Subtotal								$ -	$ -	$ 500
Total Task 1 through 4		**6**	**33**	**10**	**53**	**62**		**164**	**$24,750**	**$3,366**	**$ 28,616**