

**TOWN OF PLYMOUTH CAPITAL IMPROVEMENT PLAN REQUEST FORM
FY23 FALL TOWN MEETING REQUEST FORM**

Department:	Priority #:	
Project Title and Description:	Total Project Cost:	

Department/Division Head:

Check if project is: New Resubmitted Cost estimate was developed: Internally Externally

For project re-submittals, list prior year(s):

List any funding sources and amounts already granted: _____

Basis of Estimated Costs (attach additional information if available)			If project has impact on 5 Year Plan and future operating budgets, insert estimated amounts.		
Capital:	Cost	Comments	Fiscal Year:	Capital	Operations & Maintenance
<i>Planning and Design</i>			<i>FY23</i>		
<i>Labor and Materials</i>			<i>FY24</i>		
<i>Administration</i>			<i>FY25</i>		
<i>Land Acquisition</i>			<i>FY26</i>		
<i>Equipment</i>			<i>FY27</i>		
<i>Other</i>					
<i>Contingency</i>					
Total Capital					

Project Justification and Objective: _____

For Capital Project Requests:

Will this project be phased over more than one fiscal year? If yes, enter it on the 5 Year Plan Yes No
 Can this project be phased over more than one fiscal year? Yes No

For Capital Equipment Requests:

Check if equipment requested is replacement and enter the year, make & model, VIN and present condition of existing equipment

What is the expected lifespan of this new/replacement equipment: _____

Attach backup information, estimates, or justification to support this request.



September 30, 2020
Proposal

VIA EMAIL: dgould@townhall.plymouth.ma.us

Mr. David Gould
Director of Marine and Environmental Affairs
26 Court Street
Plymouth, MA 02360

Dear Mr. Gould:

**Re: Boat Ramp – Construction Phase Services
Plymouth, MA**

GEI Consultants, Inc. (GEI) is pleased to submit this proposal to serve as an agreement between The Town of Plymouth and GEI for providing Construction Phase Management and Resident Engineering for the reconstruction of the Town Boat Ramp. As per our discussions, we have provided a cost for Construction Phase Management and Resident Engineering. The fees shown are not to exceed budgets based on the scope of work shown and will be invoiced on a time and materials basis.

Scope of Services

Task 7 - Construction Phase Services

GEI will assist in the bidding and selection of a suitable contractor as may be desired. We have included a budget based on the following:

- Attend Pre-Bid Meeting
- Respond to bidders' questions
- Provide addenda/clarification as required
- Review bids and provide recommendation

Task 8 - Construction Phase Services

Provide construction phase services as may be requested including:

- Assumed construction period 3-4 months
- Site Meetings/Inspections
- Inspection of critical activities – timber mooring pile driving, concrete pours, etc.
- Contractor coordination on construction and design requirements
- Response to Contractor/Client RFI's
- Review and approval of shop drawings
- Review and approval of QC/QA material testing reports
- Payment Request Review
- Change Order/Modification review
- As-Built Drawings
- Construction Closeout

GEI Consultants, Inc.
124 Grove Street Suite 300
Franklin MA 02038
774-277-6001

Task 9 - Resident Engineering Services

GEI can provide Resident Engineer Services if the Town does not provide daily inspection:

- Provide Resident Engineer on a "full time" basis throughout construction
- Budget 12 weeks – 40 hours per week

SUMMARY OF FEES

Task 7 – Bid Phase Support	\$ 4,600
Task 8 – Construction Phase Services (Budget)	\$37,000
Task 9 – Resident Engineering Services (Budget)	<u>\$53,300</u>
	\$94,900

The fees in tasks 8 & 9 are time and expense based and not to exceed the budget.

Given the difficulties created by the ongoing COVID-19 crisis, the performance of the services included in this Proposal as well as the satisfaction of the schedule are contingent and conditioned upon GEI having the ability to deploy the required resources as well as having access to the required site and data/documents to complete the services. These resources include, but are not limited to GEI staff, subcontract vendors and materials providers. GEI will immediately notify the Client in the event it becomes aware that services will be interrupted or otherwise delayed as discussed herein.”

Thank you for the opportunity to submit this proposal. We hope the above is satisfactory for your needs. If you have any questions or would like to discuss the project or proposal further, please do not hesitate to contact Chris at 774-277-6008 or Alan at 774-277-6004.

Sincerely,

GEI CONSULTANTS, INC.



Alan Pepin, P.E.
Senior Project Manager



Christopher Bradford
Senior Waterfront Engineer


ADP:cem
Enclosures

Document1

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Accepted by:

																				GEI Rates for 2020																					
PROJECT: Plymouth - Town Boat Ramp										Date: September 22, 2020																															
CLIENT: Town of Plymouth																																									
Project No.: Proposal																																									
GEI Consultants Inc.																				Total Team																					
										Prin	PM	Sr Eng	Engr	Engr	Engr	Envr	CADD	AA	PLA	LA	CADD	EPM	PEngr	CADD	PROJ PRIN	PROJ MGR	FLD TECH1	FLD TECH2	PPL	Sr. CE	PLS	i. Tran. Eng.	Total Team Expenses	Hours	Total	Sub Total					
Task										RRB	VH	RJT	ADP	CRB	MS	BOS	JSF	CEM	PS	WC	Team																				
										\$285	\$285	\$265	\$220	\$145	\$105	\$150	\$100	\$102	\$150	\$90	\$75																				
Task 7 - Bidding Assistance/ Const. Admin																																									
Bid Support																																									
Attend Pre-Bid Meeting																																	0	\$0							
Respond to bidders questions													1	4	2																						6	\$970			
Provide addenda/clarification as required													1	4	6		4																			15	\$1,830				
Review Bids and provide recommendation													1	4																							5	\$800			
\$ 4,610																																									
Task 8 - Construction Phase Services																																									
Weekly Construction Meetings													8	60																						68	\$11,900				
Contractor Coordination on Design Requirements													2	30																								32	\$4,790		
Response to Contractor/Client RFI													1	10																								11	\$1,670		
Review and Approval of Shop Drawings														10	24																								34	\$3,970	
Review and Approval of QA/QC Material Testing Reports														2	4																								6	\$710	
Payment Request Review													2	6	4																								12	\$1,730	
Change Order/Modification Review													2	4	4																								10	\$1,440	
As-Built Drawings																	40																							40	\$4,000
Substantial Completion Inspection & Punchlist														8	8																									16	\$2,000
Construction Closeout													2	24	8																									34	\$4,760
\$ 36,970																																									
Task 9 - Resident Engineering Services																																									
12 Weeks Onsite for Inspection															480																							480	\$53,400		
\$ 53,400																																									
TOTAL HOURS										-	-	-	20	172	540	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ 4,540		
Man Days										-	-	-	3	22	68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	776	
\$94,980																																									
TOTAL LABOR																																									
\$90,440																																									
TOTAL EXPENSES																																									
\$4,540																																									
TOTAL FEE																																									
\$94,980																																									

Item	Quantity	Unit	Unit Cost	Total Cost
Mobilization	1	LS	\$110,000.00	\$110,000.00
Site Preparation	1	LS	\$100,000.00	\$100,000.00
Boat Ramp				
Demo of Existing Ramp	31	CY	\$1,000.00	\$31,120.00
Excavation	31	CY	\$800.00	\$24,890.00
New Asphalt	19	TON	\$500.00	\$9,500.00
Trench Drain	15	LF	\$500.00	\$7,500.00
CIP Concrete	17	CY	\$2,500.00	\$41,300.00
Precast Concrete Planks	11	CY	\$1,500.00	\$16,500.00
Metal Straps and materials	60	EA	\$120.00	\$7,200.00
Reinforcing	3900.00	LB	\$1.50	\$5,850.00
Rebar install ramp	1.00	LS	\$10,000.00	\$10,000.00
1.5" crushed Stone under ramp	168	Tons	\$75.00	\$12,600.00
3/4" Crushed stone under asphalt	20	Tons	\$75.00	\$1,470.00
Armor Flex Mat	240	SF	\$100.00	\$24,000.00
Concrete Haunch for drain	2	CY	\$1,500.00	\$3,230.00
Remove and Reset Rip Rap	916	SF	\$82.00	\$75,120.00
Set Precast Planks and Connect	12	EA	\$3,500.00	\$42,000.00
Regrading side of ramps	1	LS	\$10,500.00	\$10,500.00
Remove and store exist. Float and gangway	1	LS	\$30,000.00	\$30,000.00
Remove and dispose timber piles	4	EA	\$1,500.00	\$6,000.00
Drainage System				
Oil Water Separator	1	EA	\$30,000.00	\$30,000.00
Excavation	50	CY	\$100.00	\$5,000.00
reset parking stops	3	EA	\$500.00	\$1,500.00
Drain Pipe - pvc	61	LF	\$50.00	\$3,050.00
Backfill	1	LS	\$20,500.00	\$20,500.00
Repave Area	28	TON	\$500.00	\$14,000.00
Tide Flex	1	EA	\$2,500.00	\$2,500.00
Concrete Floats and piles				
Gangway	1	LS	\$25,000.00	\$25,000.00
Concrete Floats	2200	SF	\$165.00	\$363,000.00
Pipe Pile	55394	lbs	\$2.00	\$110,790.00
Pipe Coating	2638	SF	\$4.00	\$10,560.00
Drive Piles	1	LS	\$16,000.00	\$16,000.00
Assemble Floats	1	LS	\$10,500.00	\$10,500.00
Install Gangway	1	LS	\$10,500.00	\$10,500.00
Concrete fill of piles	45	CY	\$800.00	\$36,000.00
Timber Piles	3	EA	\$6,500.00	\$19,500.00
Elec. System	1	LS	\$50,000.00	\$50,000.00
			Sub Total	\$1,297,180.00
20.00%			Contingency	\$259,436.00
			GRAND TOTAL	\$1,556,616.00