

**MANASQUAN PUBLIC SCHOOL DISTRICT  
LOWER FIELD ATHLETIC FACILITY IMPROVEMENTS**

**Cost Proposal**

▪ Survey & Base Mapping	Lump Sum Fee	\$ 2,600
▪ Concept & Project Development	Lump Sum Fee	\$ 910
▪ Soils Investigation Phase	Lump Sum Fee	\$ 13,630
▪ Drainage Study & Culvert Evaluation	Lump Sum Fee	\$ 7,500
▪ Preliminary Design	Lump Sum Fee	\$ 15,550
▪ Final Design / Construction Documents	Lump Sum Fee	\$ 13,700
▪ Permits	Lump Sum Fee	\$ 9,500
▪ Bidding Phase	Lump Sum Fee	\$ 2,325
▪ Construction Administration / Observation	Lump Sum Fee	\$ 19,700
▪ <u>Reimbursable Expense Budget Estimate</u>	Estimated Fee	\$ 2,000
	<b>TOTAL FEE</b>	<b>\$ 87,415</b>

**Fee Structure**

- Principal/Project Officer \$150/hour
- Project Manager \$145/hour
- Senior Engineer/Project Coordinator \$135/hour
- Engineer \$125/hour
- Landscape Architect \$125/hour
- Professional Land Surveyor \$125/hour
- Senior Designer \$115/hour
- Designer \$110/hour
- Technician \$90/hour
- Senior Inspector \$95/hour
- Inspector \$90/hour
- Secretarial/Clerical \$50/hour
- Survey Equipment Unit Cost
  - Robotic/GPS \$50/hour
- Any actual disbursements or unusual expenses which we incur on your behalf, such as filing fees, delivery charges, travel, parking and toll charges will be included as expense charges in your invoices. (Minimum reproduction charge of \$20 per event).
  - Large format black and white document reproduction \$0.50/square foot
  - Large format color document reproduction \$3.00/square foot
  - Large volume black and white photocopies \$0.15/copy
  - Large volume color photocopies \$0.30/copy
  - Mileage will be billed at \$0.57 per mile.
  - Approved subcontracted services will be billed at actual cost plus 15 percent.



# PROJECT SCHEDULE

## PROFESSIONAL DESIGN & ENGINEERING SERVICES MANASQUAN LOWER FIELD ATHLETIC FACILITY IMPROVEMENTS

TASK DESCRIPTION	Month 1 - Dec	Month 2 - Jan	Month 3 - Feb	Month 4 - March	Month 5 - April	Month 6 - May	Month 7 - June	Month 8 - July	Month 9 - Aug	Month 10 - Sept	Month 11 - Oct
Award of Project	M										
Topographic and Location Survey Update											
Concept Design Phase Services		M									
Soils Sampling Testing & Evaluation		M									
Drainage Study & Pipe Structural Inspection		M									
Preliminary Design Services		M									
*Permits and NJDEP Regulatory Review		M		M							
Final Engineering Design Services					M	M					
Construction Document Preparation / QAQC						M	M				
Bidding Phase Services & Award Contract											
Construction Period - 110 Calendar Days											

\* Denotes the MINIMUM time period of 90 calendar days for NJDEP to review and comment on the application for PHA Permit. Additional time may be required.

SCHEDULE KEY	
Milestone Meeting / Review	M
SCE Task Time	
NJDEP Review Time	
Construction Period	

# CONCEPTUAL ESTIMATE OF PROBABLE COSTS

**SUBURBAN CONSULTING ENGINEERS, INC.**  
 PRELIMINARY BUDGETARY ESTIMATE OF PROBABLE COSTS  
 PROJECT NAME: MANASQUAN HIGH SCHOOL LOWER FIELD ATHLETIC FACILITY IMPROVEMENTS  
 LOCATION: BOROUGH OF MANASQUAN, COUNTY OF MONMOUTH, STATE OF NEW JERSEY

11/13/2017  
 P09699.011

**BASE BID ITEMS**

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
1	SOIL EROSION & SEDIMENT CONTROL	1	LS	\$8,500.00	\$8,500.00
2	CLEARING SITE	1	LS	\$100,000.00	\$100,000.00
3	GRADING AND EARTHWORK	1	LS	\$20,000.00	\$20,000.00
4	DRAINAGE PIPING AND DETENTION SYSTEM	1	LS	\$150,000.00	\$150,000.00
5	SYNTHETIC TURF SYSTEM	79,230	SF	\$6.50	\$514,995.00
6	8 FT. HIGH CHAIN LINK FENCE, SOFTBALL FIELD SIDELINES	100	LF	\$50.00	\$5,000.00
7	RETAINING WALL, 415 FT LONG X 4 FT AVG HT.	1,660	SFF	\$56.00	\$92,960.00
8	CONCRETE SIDEWALK, 4" THICK	420	SY	\$65.00	\$27,300.00
9	SOFTBALL FIELD APPURTENANCES	1	LS	\$1,500.00	\$1,500.00
10	FIELD SIGNAGE AND SOFTBALL DISTANCE MARKERS	1	LS	\$1,000.00	\$1,000.00
11	CONCRETE PERIMETER CURB TURF NAILER	1,170	LF	\$23.00	\$26,910.00
12	TOPSOILING, FERTILIZING, SEEDING AND MULCHING (PERIMETER)	600	SY	\$7.00	\$4,200.00
<b>BASE BID ITEM TOTAL</b>					<b>\$952,365.00</b>
<b>5% CONTINGENCY</b>					<b>\$47,618.25</b>
<b>BASE BID TOTAL</b>					<b>\$999,983.25</b>

**ALTERNATE BID ITEMS**

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
A-1	MOVABLE BLEACHERS & ADDITIONAL CONCRETE WALKWAYS	5	UNIT	\$19,500.00	\$97,500.00
A-2	CHAIN LINK BACKSTOP	1	UNIT	\$21,000.00	\$21,000.00
A-3	IRRIGATION SYSTEM MODIFICATIONS (QUICK COUPLER CONNECTIONS)	1	LS	\$19,000.00	\$19,000.00
A-4	SYNTHETIC TURF LOGO (OPTIONAL)	1	LS	\$20,000.00	\$20,000.00
A-5	SCOREBOARD (OPTIONAL)	1	LS	\$25,000.00	\$25,000.00
<b>ALTERNATE BID ITEM TOTAL</b>					<b>\$182,500.00</b>
<b>BASE BID AND ALTERNATE BID ITEM TOTAL</b>					<b>\$1,134,865.00</b>
<b>5% CONTINGENCY</b>					<b>\$56,743.25</b>
<b>CONCEPT TOTAL</b>					<b>\$1,191,608.25</b>