ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS MOSLE FIELD IMPROVEMENTS

Mendham Township, Morris County, New Jersey January 13, 2023

Information contained herein is the engineer's opinion of construction cost. The engineer has no control over cost of labor, materials, equipment or services provided by others and therefore this information is neither guaranteed nor warranteed. This information has been prepared for the client and is not intended for use by any other party.

ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT			
BASE BID - FIELD 1 - Reconditioned Sod Field and Lights							
FIELD	1 IMPROVEMENTS						
	Modilization	1 LS _	\$15,000.00	\$15,000.00			
	Soil Erosion Control	1 LS	\$ 1,00.00	\$11,000.00			
	Strip Topsoil	1 LS	\$20,000.00	\$20,000.00			
	Screen Topsoil	1 LS	\$35,000.00	\$35,000.00			
	Spread Topsoil	11S	\$15,000.00	\$15,000.00			
	Soil Amendment - Lime	-0 TE	\$0 5	\$, 27. 0			
	Soil Amendment - Conditioner	7.70	\$,50.00	2.0,.000			
	Soil Amendment - Compost	90 TONS	\$85.00	\$7,650.00			
	Soil Fertilizer	1200 ZES	32 50	\$3,000.00			
	Sod	3600(SC 7	32 50 V 31 25	TU7 UU.00			
	Irrigation in Fields	1 ເຈ	₃ 43,000.00	\$45 ,υυυ.00			
	Irrigation Well	1 LS	\$20,000.00	\$20,000.00			
	Electrical for Irrigation		\$5) √ J.U	\$,000.00			
	Seed	-1 L 5	\$≥,5\ 0.0	\$2.500.00			
	Mulch	1 LS	\$5,000.00	\$5,000.00			
ELECT	RICAL SERVICE						
	Provide Electrical Service	1 LS	\$20,000.00	\$20,000.00			
PARKII	NG LOT LIGHTS						
	Electrical Service to Parking Area	1 LS	\$20,000.00	\$20,000.00			
	Parking Lot Lighting	1 LS	\$140,000.00	\$140,000.00			
FIELD	1 LIGHTING		,				
	Sport Field Lighting	1 LS	\$420,000.00	\$420,000.00			
Design	and Permitting						
	Engineering Design	1 NSOT	N\$8(R) (90) R	FAT 183,000.00			
	Permitting	1 LS	\$10,000.00	\$10,000.00			
	Construction Adminstration & Inspection	CISMI	\$35 50 50 8	OPOSAL.00			
SUB TOTAL							
		15% Proje	ect Contingen	\$155,017.50			
		TOTAL CONSTRU	ICTION COST	\$1,100,007.00			

ADD ALTERNATE 1 - FIELD 2 - Softb	all Field Recondition	ed with Sod and Li	ghts
FIELD 2 - SOFTBALL FIELD IMPROVEMENTS			
Modilization	1 LS _	\$3,000.00	\$3,000.00
Soil Erosion Control	1 LS	4,()0.00	\$4,000.00
Strip Topsoil	1 LS	6,(0)0.00	\$6,000.00
Screen Topsoil	1 LS	\$10,500.00	\$10,500.00
Spread Topsoil	11S	\$4.500.00	\$4,500.00
Soil Amendment - Lime		\$0/3	\$,00.0
Soil Amendment - Conditioner	0.10	\$ -500.00	3,000
Soil Amendment - Compost	30 TONS	\$85.00	\$2,550.00
Soil Fertilizer	00,138	\$2.50 1 \$7.25 40,000.00	
Sod	2500(SC 7	V/ 31 25	\$3 155.00
Refresh Clay Infield Mix	1 20	y40,000.00	ψ + 0,000.00
Irrigation in Fields	1 LS	\$15,000.00	\$15,000.00
Electrical for Irrigation		10.0°C CE	5 ,000.00
Seed	110	рт,0 0.0	\$,000.00
Mulch	1 LS	\$2,000.00	\$2,000.00
FIELD 2 LIGHTING			
Sport Field Lighting	1 LS	\$280,000.00	\$280,000.00
Design and Permitting			
Engineering Design	1 LS	N\$30,000.00EC	REAT\$20000.00
Permitting	1 LS	CONFIGURE FO	
Construction Adminstration & Inspection	1 LS	\$10,000.00	\$10,000.00
-		SUB TOTAL	\$111,000.00
		ect Contingen	\$00,720.00
	TOTAL CONSTRU	JCTION COST	\$511,520.00

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Mendham Township, Morris County, New Jersey January 13, 2023

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Soil Erosion Control	D 1 IMPROVEMENTS			
S				\$3,000.00
S				
S a T so	S Tops I		\$20,000.	\$20,00
S. Ammerican Composit Solution State	Son Tosoil			
Sen Amenoment	S a T so			5 5,00 10
Soil Amendment - Compost 90 TONS \$85.00 \$7,650.00 Soil Fertilizer 1200 LBS \$2.50 \$3,000.00 Incomposit 1200 LBS \$45,000.00 Incomposit 1200 LBS \$440,000.00 Incomposit 1200 LBS \$440,000				
Soil Fertilizer				
Sod 86000 SQFT \$1.25		-		
Sport Field Sport Field Sport Field Sport Field Sport Field Lighting Sport Field F				
Education Irrigation				
Sport Field Lighting				
Sport Field Lighting			2.5	2 500
Sport Field Lighting			2,5 .00	2 70.0
Sport Field Lighting			0,00	φυ 70.0
Annal Permitting		1		A 100 000 00
Engineeric Section 1 LS \$1,000.00 \$20,000.00 Permittin S S D D D S S D D D		1 LS	\$420,000.00	\$420,000.00
Permittin		410	£ 000 00	# 00.000.00
TOTAL STOR,650.00 \$109,297.50 \$109,2				
TOTAL STOR,650.00 \$109,297.50 \$109,2		#		
T5% Project Contingency \$109,297.50 \$837,947.50 \$8	Construction Adminstration in ect.		Ψ ,σς	
AL ALTERNATE 3 - Added Parking Lot Near Fields		TB% Proje		
AL ALTERNATE 3 - Added Parking Lot Near Fields				
1 IMPROVEMENT		TOTAL CONSTRI	ICTION COSTS	
1 IMPROVEMENT		Text constru	JCTION COSTS	\$837,947.50
Modilization		Text constru	JCTION COSTS	
Soil Erosion Cont		Text constru	JCTION COSTS	
Strip Topsoil	D 1 IMPROVEMENT	TOTAL CONSTRU	ar Fields	\$837,947.50
Earthwork	D 1 IMPROVEMENT Modilization	TOTAL CONSTRU	ar Fields	\$837,947.50 \$5,000.00
Stormwater	D 1 IMPROVEMENT Modilization Soil Erosion Cont	TOTAL CONSTRU	ar Fields	\$837,947.50 \$5,000.00 \$5,000.00
Populat 29000 SQFT \$6.50 \$188,500.00	D 1 IMPROVEMENT Modilization Soil Erosion Cont Strip Topsoil	Added Parking Lot Neg	ar Fields \$5,000,000,000	\$837,947.50 \$5,000.00 \$5,000.00 \$10,000.00
Signature Sign	D 1 IMPROVEMENT Modilization Soil Erosion Cont Strip Topsoil Earthwork	Added Parking Lot Nea	\$5 50. \$10,000.00 \$10,000.00	\$5,000.00 \$5,000.00 \$10,000.00 \$10,000.00
Construction Adminstration & Inspection SUB TOTAL \$443,500.00 \$6,5 2.0	D 1 IMPROVEMENT Modilization Soil Erosion Cont Strip Topsoil Earthwork Stormwater	Added Parking Lot Nea	\$5,000.00 \$10,000.00 \$10,000.00 \$50,000.00	\$5,000.00 \$5,000.00 \$10,000.00 \$10,000.00 \$50,000.00
http://dx.doi.org/10.000.00 http	D 1 IMPROVEMENT Modilization Soil Erosion Cont Strip Topsoil Earthwork Stormwater	1 LS 1 LS 29000 SQFT	\$5,000 \$10,000.00 \$10,000.00 \$50,000.00 \$6.50	\$5,000.00 \$5,000.00 \$10,000.00 \$10,000.00 \$50,000.00 \$188,500.00
Amd Pernitting	D 1 IMPROVEMENT Modilization Soil Erosion Cont Strip Topsoil Earthwork Stormwater / phalt	1 LS 1 LS 29000 SQFT	\$5,000 \$10,000.00 \$10,000.00 \$50,000.00 \$6.50	\$5,000.00 \$5,000.00 \$10,000.00 \$10,000.00 \$50,000.00 \$188,500.00
Engineering Design	D 1 IMPROVEMENT Modilization Soil Erosion Cont Strip Topsoil Earthwork Stormwater Aphalt Significant Ing. t Lip. tim	1 LS 1 LS 1 LS 29000 SQFT	\$5.00.00 \$10,000.00 \$10,000.00 \$50,000.00 \$50,000.00	\$5,000.00 \$5,000.00 \$10,000.00 \$10,000.00 \$50,000.00 \$188,500.00
Permitting	D 1 IMPROVEMENT Modilization Soil Erosion Cont Strip Topsoil Earthwork Stormwater Aphalt ing It Lintin	1 LS 1 LS 1 LS 29000 SQFT	\$5.00.00 \$10,000.00 \$10,000.00 \$50,000.00 \$50,000.00	\$5,000.00 \$5,000.00 \$10,000.00 \$10,000.00 \$50,000.00 \$188,500.00
Construction Adminstration & Inspection	D 1 IMPROVEMENT Modilization Soil Erosion Cont Strip Topsoil Earthwork Stormwater Aphalt ing at Livetin I thtir gn and Permitting	1 LS 1 LS 29000 SQFT	\$5,000.00 \$10,000.00 \$10,000.00 \$50,000.00 \$5,000.00 \$0,000.00	\$5,000.00 \$5,000.00 \$10,000.00 \$10,000.00 \$50,000.00 \$188,500.00
SUB TOTAL \$443,500.00	D 1 IMPROVEMENT Modilization Soil Erosion Cont Strip Topsoil Earthwork Stormwater Aphalt ing at Line tin Inhtin gn and Permitting Engineering Design	1 LS 1 LS 29000 SQFT	\$5,000.00 \$10,000.00 \$10,000.00 \$50,000.00 \$5,000.00 \$35,000.00	\$5,000.00 \$5,000.00 \$10,000.00 \$10,000.00 \$50,000.00 \$188,500.00 \$120.00.00 \$35,000.00
701 Diect Country 6,F 2.0	D 1 IMPROVEMENT Modilization Soil Erosion Cont Strip Topsoil Earthwork Stormwater Aphalt ing at Line tin Inhtir gn and Permitting Engineering Design Permitting	1 LS 1 LS 29000 SQFT 1 LS	\$5,000.00 \$10,000.00 \$10,000.00 \$50,000.00 \$50,000.00 \$5,000.00 \$5,000.00	\$5,000.00 \$5,000.00 \$10,000.00 \$10,000.00 \$50,000.00 \$188,500.00 \$120 00 00 \$35,000.00 \$5,000.00
	D 1 IMPROVEMENT Modilization Soil Erosion Cont Strip Topsoil Earthwork Stormwater Aphalt ing at Line tin Inhtir gn and Permitting Engineering Design Permitting	1 LS 1 LS 29000 SQFT 1 LS	\$5,000.00 \$10,000.00 \$10,000.00 \$50,000.00 \$50,000.00 \$5,000.00 \$5,000.00 \$10,000.00	\$5,000.00 \$5,000.00 \$10,000.00 \$10,000.00 \$50,000.00 \$188,500.00 \$120.00.00 \$35,000.00 \$5,000.00
FOTA (NS UCTION STS \$ 0, 5.00	D 1 IMPROVEMENT Modilization Soil Erosion Cont Strip Topsoil Earthwork Stormwater Aphalt ing at Line tin Inhtir gn and Permitting Engineering Design Permitting	1 LS 1 LS 29000 SQFT LS 1	\$5,000.00 \$10,000.00 \$10,000.00 \$50,000.00 \$5,000.00 \$5,000.00 \$5,000.00 \$5,000.00 \$10,000.00 \$10,000.00 \$UB TOTAL	\$5,000.00 \$5,000.00 \$10,000.00 \$10,000.00 \$50,000.00 \$188,500.00 \$120.00.00 \$35,000.00 \$5,000.00 \$10,000.00 \$443,500.00

TOTAL ESTIMATED COST (BASE BID PLUS ADD ALT 1 - 3):

\$3,050,490.00

Mendham Township, Morris County, New Jersey January 13, 2023

	IATURAL GRASS SOD ON FI	LD 3	
CONSTRUTION STHETIC TURF FIE			14 000 00
Soil Ero on Control Clear Ve etation		\$,00 201	1,000.00
Clear Vegetation Strip Tops		\$ 70, 50	20,000.00
Earthwork - Cut	3500 CY	\$8.00	\$28,000.00
Earthwork - Fill	3500 CY	\$11.50	\$40,250.00
Field Stone Base	3750 CY	\$19.00	\$71,250.00
Turf Field Curb	1500 LF 90000 SF	\$35.00	\$52,500.00 \$540,000.00
Spread Topsoi		00	\$40,000.00
Seed and Stab e Topso rea		2,00 00	\$22,000.00
Drainage System	-2S	\$120,000.00	\$125,000.00
Fencing - Turf Field	1300 LF 1 EA	\$60.00	\$78,000.00
Scoreboard Electrical for Scoreboard	1 LS	\$30,000.00 \$18,000.00	\$30,000.00 \$18,000.00
eachers	2 LS	\$18,000.00	\$36,000.00
Tql m i, nches	,S	25,000.0	ال 100 عب
il A en nel D e	DD B	60	4 30(00)
Soil Amendment - Conditioner	7 TONS	\$0.5 \$1,500.00	\$10,500.00
Soil Amendment - Compost	90 TONS	\$85.00	\$7,650.00
Soil Fertilizer	1200 LBS	\$2.50	\$3,000.00
Sod	86000 SOFT	\$1.25	\$107,500.00
Irrigation in Fields Irrigation Well		\$45,000.00	\$45,000.00 \$20,000.00
Electrical for Irrigation		\$5,000.00	\$5,000.00
Seed		,500.00	\$2,500.00
Mulch	1 LS 📕	\$5,000.00	\$5,000.00
LECTRICAL SERVICE			
Provide Electrical Service	1 LS	\$20,000.00	\$20,000.00
ARKING LOT LIGHTS			6.6 †
E trica Se (o Pr tin Area Pr ting It I no 1	1 5 5	\$1,000.00	\$,000,00 \$140,0 0.00
Pering of land		1 \$1 .00	ψ140,C 5.0C
Sport Field Lighting	1 LS	\$450,000.00	\$450,000.00
Pesign and Permitting	1 20	\$100,000.00	ψ100,000.00
Enginecing lesign	1 LS	\$85,000.00	\$95,000.00
Permitti	118	\$15,000 00	\$15,000.00
C stru or ld istr or lins c	tion	\$4 00 .001 SUB-10 AL:[\$2, 7,6 LC
	5% ro	ect linge.	\$ 0,6 .50
		JCTION COSTS	\$2,458,297.50
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