

**CONSTRUCTION**

Project # 15027
Project Name: Dover HS/CTC
Priced By: GB

Option 1**CHANGE PROPOSAL ESTIMATING/COST ANALYSIS SHEET**

CP No.
Subject: Ball Field Drainage Estimate 12" of cut & sand

Date: 06/25/19

Item No.	Description	Quantity	Unit	Man-hours		Labor		Material		Equipment		Sub Trades		Total Cost	
				Unit	Total	Unit	Total	Unit	Total	Unit	Total	Unit	Total	Unit	Total
		1	LS		0		\$0		\$0		\$0		\$0	\$0	\$0
	SUR - Main Drainage Pipe 10" HDPE (880 lf)	1	LS		0		\$0		\$0		\$0		\$38,336	\$38,336	\$38,336
	SUR - Excavation and Sand Bed 12" (6,095 cy's)	1	LS		0		\$0		\$0		\$0		\$227,870	\$227,870	\$227,870
	SUR - AdvantEdge underdrain 2" x 12" (5,500 lf)	1	LS		0		\$0		\$0		\$0		\$27,016	\$27,016	\$27,016
	SUR - Supervision & Layout	1	LS		0		\$0		\$0		\$0		\$12,000	\$12,000	\$12,000
	SUR - Bond & OH&P	1	LS		0		\$0		\$0		\$0		\$33,574	\$33,574	\$33,574
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
	PC General Conditions not included	1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
	Allowance for Debris & Rubble Removal	1	LS		0		\$0		\$0		\$0		\$5,000	\$5,000	\$5,000
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
	Misc unforeseen/contingency not included	1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
	Raw Cost Subtotals				0		\$0		\$0		\$0		\$343,796		\$343,796
	PC Administration Costs	5.00%													\$17,190
	Builders Risk	0.15%													\$542
	Liability	0.75%													\$2,803
	P&P Bond	0.55%													\$2,055
	Subtotal														\$366,386
	Fee	2.00%													\$7,328
	Total														\$373,714



S·U·R
CONSTRUCTION, INC.

233 Chestnut Hill Road
Rochester, NH, USA 03867
603-332-4554
Main Fax: 603-332-0351

To:	PC Construction	Contact:	Garret Bertolini
Address:	131 Presumpscot St. Portland, ME 04103	Phone:	207-874-2323
		Fax:	207-874-2727
Project Name:	Athletic Field Underdrain	Bid Number:	
Project Location:	High School & Technical Center, Dover, NH	Bid Date:	6/14/2019

Item #	Item Description	Estimated Quantity	Unit	Unit Price	Total Price
Collector Pipe					
1	Cat 336	40.00	HR	\$190.00	\$7,600.00
2	Cat 930	40.00	HR	\$140.00	\$5,600.00
3	Cat 323	40.00	HR	\$94.00	\$3,760.00
4	Tri-Axle	40.00	HR	\$89.00	\$3,560.00
5	Foreman	40.00	HR	\$92.00	\$3,680.00
6	Laborer	40.00	HR	\$46.00	\$1,840.00
7	10" Perforated HDPE	880.00	LF	\$5.78	\$5,086.40
8	10" HDPE 22* Bend	1.00	EACH	\$32.28	\$32.28
9	10" HDPE Cap	3.00	EACH	\$15.89	\$47.67
10	10"x10" HDPE Tee	3.00	EACH	\$83.46	\$250.38
11	10"x4" HDPE Tee	24.00	EACH	\$66.48	\$1,595.52
12	Mirafi 180N	2.00	ROLL	\$392.00	\$784.00
13	Stone	225.00	CY	\$20.00	\$4,500.00
Total Price for above Collector Pipe Items:					\$38,336.25

Subgrade Excavation & Sand Drainage Layer

1	Cat 336	80.00	HR	\$190.00	\$15,200.00
2	Cat D6K LGP	80.00	HR	\$172.00	\$13,760.00
3	Tri-Axle	400.00	HR	\$89.00	\$35,600.00
4	Cat 930	80.00	HR	\$140.00	\$11,200.00
5	Terex Dump Cart	160.00	HR	\$126.00	\$20,160.00
6	Cat D5K LGP	80.00	HR	\$160.00	\$12,800.00
7	Cat 563	80.00	HR	\$118.00	\$9,440.00
8	Sand	6,095.00	CY	\$18.00	\$109,710.00
Total Price for above Subgrade Excavation & Sand Drainage Layer Items:					\$227,870.00

AdvantEdge Pipe

1	Foreman	80.00	HR	\$92.00	\$7,360.00
2	Laborer	80.00	HR	\$46.00	\$3,680.00
3	Advantedge 12" Pipe	5,500.00	LF	\$2.55	\$14,025.00
4	Advantedge Outlet	24.00	EACH	\$33.22	\$797.28
5	Advantedge Caps	24.00	EACH	\$14.60	\$350.40
6	Advantedge Coupler	55.00	EACH	\$14.60	\$803.00
Total Price for above AdvantEdge Pipe Items:					\$27,015.68

Supervision & Layout

1	Supervision	60.00	HR	\$100.00	\$6,000.00
2	Layout	40.00	HR	\$150.00	\$6,000.00
Total Price for above Supervision & Layout Items:					\$12,000.00



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To:	PC Construction	Contact:	Garret Bertolini
Address:	131 Presumpscot St. Portland, ME 04103	Phone:	207-874-2323
		Fax:	207-874-2727
Project Name:	Athletic Field Underdrain	Bid Number:	
Project Location:	High School & Technical Center, Dover, NH	Bid Date:	6/14/2019

Item #	Item Description	Estimated Quantity	Unit	Unit Price	Total Price
Bond & Markup					
1	Bond	1.00	PCNT	\$3,052.22	\$3,052.22
2	Markup	10.00	PCNT	\$3,052.22	\$30,522.20
Total Price for above Bond & Markup Items:					\$33,574.42

Total Bid Price: \$338,796.35

Notes:

- Proposal is for the Installation of Athletic Field Drainage System as Shown in CSK-29.
- Removal & Disposal of Any/All Debris from Building Demolition is Not Included.
- Contract Time Extension will also be Needed for this Work.
- Ledge Excavation/Removal/Disposal/Replacement is Not Included.
- Contaminated Soil Excavation/Removal/Disposal/Replacement is Not Included.
- Geotechnical Testing is Not Included.
- Pricing is Guaranteed for 30-Days from Date of Proposal. After 30-Days, S.U.R. Construction, Inc. Reserves the Right to Adjust Pricing for Labor, Equipment and Material Fluxuations.

ACCEPTED:

The above prices, specifications and conditions are satisfactory and are hereby accepted.

Buyer: _____

Signature: _____

Date of Acceptance: _____

CONFIRMED:

S.U.R. Construction, Inc.

Authorized Signature: _____

Estimator: Jason DeWildt, PE
jdewildt@surconstruction.com

**CONSTRUCTION**

Project # 15027
Project Name: Dover HS/CTC
Priced By: GB

Option 2**CHANGE PROPOSAL ESTIMATING/COST ANALYSIS SHEET**

CP No.
Subject: Ball Field Drainage Estimate 8" of cut and sand

Date: 06/25/19

Item No.	Description	Quantity	Unit	Man-hours		Labor		Material		Equipment		Sub Trades		Total Cost	
				Unit	Total	Unit	Total	Unit	Total	Unit	Total	Unit	Total	Unit	Total
		1	LS		0		\$0		\$0		\$0		\$0	\$0	\$0
	SUR - Main Drainage Pipe 10" HDPE (880 lf)	1	LS		0		\$0		\$0		\$0		\$38,336	\$38,336	\$38,336
	SUR - Excavation and Sand Bed 8" (4,085 cy's)	1	LS		0		\$0		\$0		\$0		\$180,298	\$180,298	\$180,298
	SUR - AdvantEdge underdrain 2" x 12" (5,500 lf)	1	LS		0		\$0		\$0		\$0		\$27,016	\$27,016	\$27,016
	SUR - Supervision & Layout	1	LS		0		\$0		\$0		\$0		\$12,000	\$12,000	\$12,000
	SUR - Bond & OH&P	1	LS		0		\$0		\$0		\$0		\$28,341	\$28,341	\$28,341
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
	PC General Conditions not included	1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
	Allowance for Debris & Rubble Removal	1	LS		0		\$0		\$0		\$0		\$4,000	\$4,000	\$4,000
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
	Misc unforeseen/contingency not included	1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
	Raw Cost Subtotals				0		\$0		\$0		\$0		\$289,991		\$289,991
	PC Administration Costs	5.00%													\$14,500
	Builders Risk	0.15%													\$457
	Liability	0.75%													\$2,364
	P&P Bond	0.55%													\$1,734
	Subtotal														\$309,045
	Fee	2.00%													\$6,181
	Total														\$315,226



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Address:	131 Presumpscot St. Portland, ME 04103	Phone:	207-874-2323
		Fax:	207-874-2727
Project Name:	Athletic Field Underdrain (REVISED)	Bid Number:	
Project Location:	High School & Technical Center, Dover, NH	Bid Date:	6/18/2019

Item #	Item Description	Estimated Quantity	Unit	Unit Price	Total Price
Collector Pipe					
1	Cat 336	40.00	HR	\$190.00	\$7,600.00
2	Cat 930	40.00	HR	\$140.00	\$5,600.00
3	Cat 323	40.00	HR	\$94.00	\$3,760.00
4	Tri-Axle	40.00	HR	\$89.00	\$3,560.00
5	Foreman	40.00	HR	\$92.00	\$3,680.00
6	Laborer	40.00	HR	\$46.00	\$1,840.00
7	10" Perforated HDPE	880.00	LF	\$5.78	\$5,086.40
8	10" HDPE 22* Bend	1.00	EACH	\$32.28	\$32.28
9	10" HDPE Cap	3.00	EACH	\$15.89	\$47.67
10	10"x10" HDPE Tee	3.00	EACH	\$83.46	\$250.38
11	10"x4" HDPE Tee	24.00	EACH	\$66.48	\$1,595.52
12	Mirafi 180N	2.00	ROLL	\$392.00	\$784.00
13	Stone	225.00	CY	\$20.00	\$4,500.00

Total Price for above Collector Pipe Items: \$38,336.25

Subgrade Excavation & Sand Drainage Layer

1	Cat 336	80.00	HR	\$190.00	\$15,200.00
2	Cat D6K LGP	80.00	HR	\$172.00	\$13,760.00
3	Tri-Axle	272.00	HR	\$89.00	\$24,208.00
4	Cat 930	80.00	HR	\$140.00	\$11,200.00
5	Terex Dump Cart	160.00	HR	\$126.00	\$20,160.00
6	Cat D5K LGP	80.00	HR	\$160.00	\$12,800.00
7	Cat 563	80.00	HR	\$118.00	\$9,440.00
8	Sand	4,085.00	CY	\$18.00	\$73,530.00

Total Price for above Subgrade Excavation & Sand Drainage Layer Items: \$180,298.00

AdvantEdge Pipe

1	Foreman	80.00	HR	\$92.00	\$7,360.00
2	Laborer	80.00	HR	\$46.00	\$3,680.00
3	Advantedge 12" Pipe	5,500.00	LF	\$2.55	\$14,025.00
4	Advantedge Outlet	24.00	EACH	\$33.22	\$797.28
5	Advantedge Caps	24.00	EACH	\$14.60	\$350.40
6	Advantedge Coupler	55.00	EACH	\$14.60	\$803.00

Total Price for above AdvantEdge Pipe Items: \$27,015.68

Supervision & Layout

1	Supervision	60.00	HR	\$100.00	\$6,000.00
2	Layout	40.00	HR	\$150.00	\$6,000.00

Total Price for above Supervision & Layout Items: \$12,000.00

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Address:	131 Presumpscot St. Portland, ME 04103	Phone:	207-874-2323
		Fax:	207-874-2727
Project Name:	Athletic Field Underdrain (REVISED)	Bid Number:	
Project Location:	High School & Technical Center, Dover, NH	Bid Date:	6/18/2019

Item #	Item Description	Estimated Quantity	Unit	Unit Price	Total Price
Bond & Markup					
1	Bond	1.00	PCNT	\$2,576.50	\$2,576.50
2	Markup	10.00	PCNT	\$2,576.50	\$25,765.00
Total Price for above Bond & Markup Items:					\$28,341.50

Total Bid Price: \$285,991.43

Notes:

- Proposal is for the Installation of Athletic Field Drainage System as Shown in CSK-29.
- Removal & Disposal of Any/All Debris from Building Demolition is Not Included.
- Contract Time Extension will also be Needed for this Work.
- Ledge Excavation/Removal/Disposal/Replacement is Not Included.
- Contaminated Soil Excavation/Removal/Disposal/Replacement is Not Included.
- Geotechnical Testing is Not Included.
- Pricing is Guaranteed for 30-Days from Date of Proposal. After 30-Days, S.U.R. Construction, Inc. Reserves the Right to Adjust Pricing for Labor, Equipment and Material Fluxuations.
- REVISED Proposal Includes 8" of Sand in Lieu of 12" as Shown on CSK-29.
- S.U.R. Construction, Inc. Assumes No Responsibility for the Condition of the Pipe After Installation due to Insufficient Cover.
- Any/All Defects to Pipe Material will be Repaired/Replaced on Time and Materials Basis.
- Proposal Assumes No Conflicts with Irrigation and No Production Loss Due to Irrigation. Any Time Loss will be Paid as Additional Work on a Time and Materials Basis.

ACCEPTED:

The above prices, specifications and conditions are satisfactory and are hereby accepted.

Buyer: _____**Signature:** _____**Date of Acceptance:** _____**CONFIRMED:****S.U.R. Construction, Inc.****Authorized Signature:** _____

Estimator: Jason DeWildt, PE
jdewildt@surconstruction.com

**CONSTRUCTION**

Project # 15027
Project Name: Dover HS/CTC
Priced By: GB

Option 3**CHANGE PROPOSAL ESTIMATING/COST ANALYSIS SHEET**

CP No.
Subject: Ball Field Drainage Estimate 12" of sand no cut

Date: 06/25/19

Item No.	Description	Quantity	Unit	Man-hours		Labor		Material		Equipment		Sub Trades		Total Cost	
				Unit	Total	Unit	Total	Unit	Total	Unit	Total	Unit	Total	Unit	Total
		1	LS		0		\$0		\$0		\$0		\$0	\$0	\$0
	SUR - Main Drainage Pipe 10" HDPE (880 lf)	1	LS		0		\$0		\$0		\$0		\$38,070	\$38,336	\$38,336
	SUR - Excavation and Sand Bed 12" (6,095 cy's)	1	LS		0		\$0		\$0		\$0		\$163,310	\$163,310	\$163,310
	SUR - AdvantEdge underdrain 2" x 12" (5,500 lf)	1	LS		0		\$0		\$0		\$0		\$25,476	\$27,016	\$27,016
	SUR - Supervision & Layout	1	LS		0		\$0		\$0		\$0		\$12,000	\$12,000	\$12,000
	SUR - Bond & OH&P	1	LS		0		\$0		\$0		\$0		\$26,274	\$26,473	\$26,473
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
	PC General Conditions not included	1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
	Allowance for Debris & Rubble Removal not included	1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
	Misc unforeseen/contingency not included	1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
		1			0		\$0		\$0		\$0		\$0	\$0	\$0
	Raw Cost Subtotals				0		\$0		\$0		\$0		\$265,131		\$267,135
	PC Administration Costs	5.00%													\$13,357
	Builders Risk	0.15%													\$421
	Liability	0.75%													\$2,178
	P&P Bond	0.55%													\$1,597
	Subtotal														\$284,687
	Fee	2.00%													\$5,694
	Total														\$290,381



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Main Fax: 603-332-0351

To:	PC Construction	Contact:	Garret Bertolini
Address:	131 Presumpscot St. Portland, ME 04103	Phone:	207-874-2323
		Fax:	207-874-2727
Project Name:	Athletic Field Underdrain @ 12" W/No Excavation	Bid Number:	
Project Location:	High School & Technical Center, Dover, NH	Bid Date:	6/25/2019

Item #	Item Description	Estimated Quantity	Unit	Unit Price	Total Price
Collector Pipe					
1	Cat 336	40.00	HR	\$190.00	\$7,600.00
2	Cat 930	40.00	HR	\$140.00	\$5,600.00
3	Cat 323	40.00	HR	\$94.00	\$3,760.00
4	Tri-Axle	40.00	HR	\$89.00	\$3,560.00
5	Foreman	40.00	HR	\$92.00	\$3,680.00
6	Laborer	40.00	HR	\$46.00	\$1,840.00
7	10" Perforated HDPE	880.00	LF	\$5.78	\$5,086.40
8	10" HDPE 22* Bend	1.00	EACH	\$32.28	\$32.28
9	10" HDPE Cap	3.00	EACH	\$15.89	\$47.67
10	10"x10" HDPE Tee	3.00	EACH	\$83.46	\$250.38
11	10"x4" HDPE Tee	24.00	EACH	\$66.48	\$1,595.52
12	Mirafi 180N	2.00	ROLL	\$392.00	\$784.00
13	Stone	225.00	CY	\$20.00	\$4,500.00
Total Price for above Collector Pipe Items:					\$38,336.25

Subgrade Excavation & Sand Drainage Layer

1	Cat 930	80.00	HR	\$140.00	\$11,200.00
2	Terex Dump Cart	160.00	HR	\$126.00	\$20,160.00
3	Cat D5K LGP	80.00	HR	\$160.00	\$12,800.00
4	Cat 563	80.00	HR	\$118.00	\$9,440.00
5	Sand	6,095.00	CY	\$18.00	\$109,710.00
Total Price for above Subgrade Excavation & Sand Drainage Layer Items:					\$163,310.00

AdvantEdge Pipe

1	Foreman	80.00	HR	\$92.00	\$7,360.00
2	Laborer	80.00	HR	\$46.00	\$3,680.00
3	Advantedge 12" Pipe	5,500.00	LF	\$2.55	\$14,025.00
4	Advantedge Outlet	24.00	EACH	\$33.22	\$797.28
5	Advantedge Caps	24.00	EACH	\$14.60	\$350.40
6	Advantedge Coupler	55.00	EACH	\$14.60	\$803.00
Total Price for above AdvantEdge Pipe Items:					\$27,015.68

Supervision & Layout

1	Supervision	60.00	HR	\$100.00	\$6,000.00
2	Layout	40.00	HR	\$150.00	\$6,000.00
Total Price for above Supervision & Layout Items:					\$12,000.00

Bond & Markup

1	Bond	1.00	PCNT	\$2,406.62	\$2,406.62
2	Markup	10.00	PCNT	\$2,406.62	\$24,066.20



S·U·R
CONSTRUCTION, INC.

233 Chestnut Hill Road
Rochester, NH, USA 03867
603-332-4554
Main Fax: 603-332-0351

To:	PC Construction	Contact:	Garret Bertolini
Address:	131 Presumpscot St. Portland, ME 04103	Phone:	207-874-2323
		Fax:	207-874-2727
Project Name:	Athletic Field Underdrain @ 12" W/No Excavation	Bid Number:	
Project Location:	High School & Technical Center, Dover, NH	Bid Date:	6/25/2019

Total Price for above Bond & Markup Items: \$26,472.82

Total Bid Price: \$267,134.75

Notes:

- Proposal is for the Installation of Athletic Field Drainage System as Shown in CSK-29. Sand will be Installed on Existing Subgrade Material at Existing Elevation.
- Any/All Excavation of Subgrade is Not Included.
- Any/All Grading Associated in the Raise in Elevation of the Field is Not Included. A Revised Grading Plan has not been Provided.
- Proposal is Meant as an Order of Magnitude. S.U.R. Construction, Inc. Reserves the Right to RePrice based on Receipt of Drawings Detailing Proposed Work.
- Removal & Disposal of Any/All Debris from Building Demolition is Not Included.
- Contract Time Extension will also be Needed for this Work.
- Ledge Excavation/Removal/Disposal/Replacement is Not Included.
- Contaminated Soil Excavation/Removal/Disposal/Replacement is Not Included.
- Geotechnical Testing is Not Included.
- Pricing is Guaranteed for 30-Days from Date of Proposal. After 30-Days, S.U.R. Construction, Inc. Reserves the Right to Adjust Pricing for Labor, Equipment and Material Fluxuations.
- Proposal Assumes No Conflicts with Irrigation and No Production Loss Due to Irrigation. Any Time Loss will be Paid as Additional Work on a Time and Materials Basis.

ACCEPTED:

The above prices, specifications and conditions are satisfactory and are hereby accepted.

Buyer: _____

Signature: _____

Date of Acceptance: _____

CONFIRMED:

S.U.R. Construction, Inc.

Authorized Signature: _____

Estimator: Jason DeWildt, PE
jdewildt@surconstruction.com

**CONSTRUCTION****Option 4****CHANGE PROPOSAL ESTIMATING/COST ANALYSIS SHEET**

Project # 15027

Project Name: Dover HS/CTC

Priced By: GB

CP No. [REDACTED]

Subject: Ball Field Drainage Estimate 12" of sand reduced drainage & no cut

Date:

06/25/19

Item No.	Description	Quantity	Unit	Man-hours		Labor		Material		Equipment		Sub Trades		Total Cost	
				Unit	Total	Unit	Total	Unit	Total	Unit	Total	Unit	Total	Unit	Total
		1	LS		0		\$0		\$0		\$0		\$0		\$0
	SUR - Main Drainage Pipe 10" HDPE (880 lf)	1	LS		0		\$0		\$0		\$0		\$38,336		\$38,070
	SUR - Excavation and Sand Bed 12" (6,095 cy's)	1	LS		0		\$0		\$0		\$0		\$227,870		\$163,310
	SUR - AdvantEdge underdrain 2" x 12" (5,500 lf)	1	LS		0		\$0		\$0		\$0		\$27,016		\$25,476
	SUR - Supervision & Layout	1	LS		0		\$0		\$0		\$0		\$12,000		\$12,000
	SUR - Bond & OH&P	1	LS		0		\$0		\$0		\$0		\$33,574		\$26,274
		1			0		\$0		\$0		\$0		\$0		\$0
	PC General Conditions not included	1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
	Allowance for Debris & Rubble Removal not included	1	LS		0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
	Misc unforeseen/contingency not included	1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
	Raw Cost Subtotals				0		\$0		\$0		\$0		\$338,796		\$265,131
	PC Administration Costs	5.00%													\$13,257
	Builders Risk	0.15%													\$418
	Liability	0.75%													\$2,162
	P&P Bond	0.55%													\$1,585
	Subtotal														\$282,552
	Fee	2.00%													\$5,651
	Total														\$288,203



S·U·R
CONSTRUCTION, INC.

233 Chestnut Hill Road
Rochester, NH, USA 03867
603-332-4554
Main Fax: 603-332-0351

To:	PC Construction	Contact:	Garret Bertolini
Address:	131 Presumpscot St. Portland, ME 04103	Phone:	207-874-2323
		Fax:	207-874-2727
Project Name:	Athletic Field Underdrain @ 12" W/No Excavation & Reduced Pipe	Bid Number:	
Project Location:	High School & Technical Center, Dover, NH	Bid Date:	6/25/2019

Item #	Item Description	Estimated Quantity	Unit	Unit Price	Total Price
Collector Pipe					
1	Cat 336	40.00	HR	\$190.00	\$7,600.00
2	Cat 930	40.00	HR	\$140.00	\$5,600.00
3	Cat 323	40.00	HR	\$94.00	\$3,760.00
4	Tri-Axle	40.00	HR	\$89.00	\$3,560.00
5	Foreman	40.00	HR	\$92.00	\$3,680.00
6	Laborer	40.00	HR	\$46.00	\$1,840.00
7	10" Perforated HDPE	880.00	LF	\$5.78	\$5,086.40
8	10" HDPE 22* Bend	1.00	EACH	\$32.28	\$32.28
9	10" HDPE Cap	3.00	EACH	\$15.89	\$47.67
10	10"x10" HDPE Tee	3.00	EACH	\$83.46	\$250.38
11	10"x4" HDPE Tee	20.00	EACH	\$66.48	\$1,329.60
12	Mirafi 180N	2.00	ROLL	\$392.00	\$784.00
13	Stone	225.00	CY	\$20.00	\$4,500.00

Total Price for above Collector Pipe Items: \$38,070.33

Subgrade Excavation & Sand Drainage Layer

1	Cat 930	80.00	HR	\$140.00	\$11,200.00
2	Terex Dump Cart	160.00	HR	\$126.00	\$20,160.00
3	Cat D5K LGP	80.00	HR	\$160.00	\$12,800.00
4	Cat 563	80.00	HR	\$118.00	\$9,440.00
5	Sand	6,095.00	CY	\$18.00	\$109,710.00

Total Price for above Subgrade Excavation & Sand Drainage Layer Items: \$163,310.00

AdvantEdge Pipe

1	Foreman	80.00	HR	\$92.00	\$7,360.00
2	Laborer	80.00	HR	\$46.00	\$3,680.00
3	Advantedge 12" Pipe	5,000.00	LF	\$2.55	\$12,750.00
4	Advantedge Outlet	20.00	EACH	\$33.22	\$664.40
5	Advantedge Caps	20.00	EACH	\$14.60	\$292.00
6	Advantedge Coupler	50.00	EACH	\$14.60	\$730.00

Total Price for above AdvantEdge Pipe Items: \$25,476.40

Supervision & Layout

1	Supervision	60.00	HR	\$100.00	\$6,000.00
2	Layout	40.00	HR	\$150.00	\$6,000.00

Total Price for above Supervision & Layout Items: \$12,000.00

Bond & Markup

1	Bond	1.00	PCNT	\$2,388.57	\$2,388.57
2	Markup	10.00	PCNT	\$2,388.57	\$23,885.70



S·U·R
CONSTRUCTION, INC.

233 Chestnut Hill Road
Rochester, NH, USA 03867
603-332-4554
Main Fax: 603-332-0351

To:	PC Construction	Contact:	Garret Bertolini
Address:	131 Presumpscot St. Portland, ME 04103	Phone:	207-874-2323
		Fax:	207-874-2727
Project Name:	Athletic Field Underdrain @ 12" W/No Excavation & Reduced Pipe	Bid Number:	
Project Location:	High School & Technical Center, Dover, NH	Bid Date:	6/25/2019

Total Price for above Bond & Markup Items: \$26,274.27

Total Bid Price: \$265,131.00

Notes:

- Proposal is for the Installation of Athletic Field Drainage System as Shown in CSK-29. Sand will be Installed on Existing Subgrade Material at Existing Elevation.
- Any/All Excavation of Subgrade is Not Included.
- AdvantEdge Drain is Spaced at 30' Intervals in Lieu of 25' Intervals as Shown on CSK-29.
- Any/All Grading Associated in the Raise in Elevation of the Field is Not Included. A Revised Grading Plan has not been Provided.
- Proposal is Meant as an Order of Magnitude. S.U.R. Construction, Inc. Reserves the Right to RePrice based on Receipt of Drawings Detailing Proposed Work.
- Removal & Disposal of Any/All Debris from Building Demolition is Not Included.
- Contract Time Extension will also be Needed for this Work.
- Ledge Excavation/Removal/Disposal/Replacement is Not Included.
- Contaminated Soil Excavation/Removal/Disposal/Replacement is Not Included.
- Geotechnical Testing is Not Included.
- Pricing is Guaranteed for 30-Days from Date of Proposal. After 30-Days, S.U.R. Construction, Inc. Reserves the Right to Adjust Pricing for Labor, Equipment and Material Fluxuations.
- Proposal Assumes No Conflicts with Irrigation and No Production Loss Due to Irrigation. Any Time Loss will be Paid as Additional Work on a Time and Materials Basis.

ACCEPTED:

The above prices, specifications and conditions are satisfactory and are hereby accepted.

Buyer: _____

Signature: _____

Date of Acceptance: _____

CONFIRMED:

S.U.R. Construction, Inc.

Authorized Signature: _____

Estimator: Jason DeWildt, PE
jdewildt@surconstruction.com

**CONSTRUCTION**

Project # 15027
 Project Name: Dover HS/CTC
 Priced By: GB

Option 5**CHANGE PROPOSAL ESTIMATING/COST ANALYSIS SHEET**

CP No.
 Subject: Ball Field Drainage Estimate 8" of sand no cut

Date: 06/25/19

Item No.	Description	Quantity	Unit	Man-hours		Labor		Material		Equipment		Sub Trades		Total Cost	
				Unit	Total	Unit	Total	Unit	Total	Unit	Total	Unit	Total	Unit	Total
		1	LS		0		\$0		\$0		\$0		\$0		\$0
	SUR - Main Drainage Pipe 10" HDPE (880 lf)	1	LS		0		\$0		\$0		\$0		\$38,336		\$38,336
	SUR - Excavation and Sand Bed 12" (6,095 cy's)	1	LS		0		\$0		\$0		\$0		\$127,130		\$127,130
	SUR - AdvantEdge underdrain 2" x 12" (5,500 lf)	1	LS		0		\$0		\$0		\$0		\$27,016		\$27,016
	SUR - Supervision & Layout	1	LS		0		\$0		\$0		\$0		\$12,000		\$12,000
	SUR - Bond & OH&P	1	LS		0		\$0		\$0		\$0		\$22,975		\$22,975
		1			0		\$0		\$0		\$0		\$0		\$0
	PC General Conditions not included	1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
	Allowance for Debris & Rubble Removal not included	1	LS		0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
	Misc unforeseen/contingency not included	1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
		1			0		\$0		\$0		\$0		\$0		\$0
	Raw Cost Subtotals				0		\$0		\$0		\$0		\$227,457		\$226,975
	PC Administration Costs	5.00%													\$11,349
	Builders Risk	0.15%													\$358
	Liability	0.75%													\$1,850
	P&P Bond	0.55%													\$1,357
	Subtotal														\$241,889
	Fee	2.00%													\$4,838
	Total														\$246,727

**S·U·R**

CONSTRUCTION, INC.

233 Chestnut Hill Road
 Rochester, NH, USA 03867
 603-332-4554
 Main Fax: 603-332-0351

To:	PC Construction	Contact:	Garret Bertolini
Address:	131 Presumpscot St. Portland, ME 04103	Phone:	207-874-2323
		Fax:	207-874-2727
Project Name:	Athletic Field Underdrain @ 8" W/No Excavation	Bid Number:	
Project Location:	High School & Technical Center, Dover, NH	Bid Date:	6/25/2019

Item #	Item Description	Estimated Quantity	Unit	Unit Price	Total Price
Collector Pipe					
1	Cat 336	40.00	HR	\$190.00	\$7,600.00
2	Cat 930	40.00	HR	\$140.00	\$5,600.00
3	Cat 323	40.00	HR	\$94.00	\$3,760.00
4	Tri-Axle	40.00	HR	\$89.00	\$3,560.00
5	Foreman	40.00	HR	\$92.00	\$3,680.00
6	Laborer	40.00	HR	\$46.00	\$1,840.00
7	10" Perforated HDPE	880.00	LF	\$5.78	\$5,086.40
8	10" HDPE 22* Bend	1.00	EACH	\$32.28	\$32.28
9	10" HDPE Cap	3.00	EACH	\$15.89	\$47.67
10	10"x10" HDPE Tee	3.00	EACH	\$83.46	\$250.38
11	10"x4" HDPE Tee	24.00	EACH	\$66.48	\$1,595.52
12	Mirafi 180N	2.00	ROLL	\$392.00	\$784.00
13	Stone	225.00	CY	\$20.00	\$4,500.00

Total Price for above Collector Pipe Items: \$38,336.25

Subgrade Excavation & Sand Drainage Layer

4	Cat 930	80.00	HR	\$140.00	\$11,200.00
5	Terex Dump Cart	160.00	HR	\$126.00	\$20,160.00
6	Cat D5K LGP	80.00	HR	\$160.00	\$12,800.00
7	Cat 563	80.00	HR	\$118.00	\$9,440.00
8	Sand	4,085.00	CY	\$18.00	\$73,530.00

Total Price for above Subgrade Excavation & Sand Drainage Layer Items: \$127,130.00

AdvantEdge Pipe

1	Foreman	80.00	HR	\$92.00	\$7,360.00
2	Laborer	80.00	HR	\$46.00	\$3,680.00
3	Advantedge 12" Pipe	5,500.00	LF	\$2.55	\$14,025.00
4	Advantedge Outlet	24.00	EACH	\$33.22	\$797.28
5	Advantedge Caps	24.00	EACH	\$14.60	\$350.40
6	Advantedge Coupler	55.00	EACH	\$14.60	\$803.00

Total Price for above AdvantEdge Pipe Items: \$27,015.68

Supervision & Layout

1	Supervision	60.00	HR	\$100.00	\$6,000.00
2	Layout	40.00	HR	\$150.00	\$6,000.00

Total Price for above Supervision & Layout Items: \$12,000.00

Bond & Markup

1	Bond	1.00	PCNT	\$2,044.82	\$2,044.82
2	Markup	10.00	PCNT	\$2,044.82	\$20,448.20

**S·U·R****CONSTRUCTION, INC.**

233 Chestnut Hill Road
Rochester, NH, USA 03867
603-332-4554
Main Fax: 603-332-0351

To:	PC Construction	Contact:	Garret Bertolini
Address:	131 Presumpscot St. Portland, ME 04103	Phone:	207-874-2323
		Fax:	207-874-2727
Project Name:	Athletic Field Underdrain @ 8" W/No Excavation	Bid Number:	
Project Location:	High School & Technical Center, Dover, NH	Bid Date:	6/25/2019

Total Price for above Bond & Markup Items: \$22,493.02

Total Bid Price: \$226,974.95

Notes:

- Proposal is for the Installation of Athletic Field Drainage System as Shown in CSK-29. Sand will be Installed on Existing Subgrade Material at Existing Elevation.
- Any/All Excavation of Subgrade is Not Included.
- Any/All Grading Associated in the Raise in Elevation of the Field is Not Included. A Revised Grading Plan has not been Provided.
- Proposal is Meant as an Order of Magnitude. S.U.R. Construction, Inc. Reserves the Right to RePrice based on Receipt of Drawings Detailing Proposed Work.
- Removal & Disposal of Any/All Debris from Building Demolition is Not Included.
- Contract Time Extension will also be Needed for this Work.
- Ledge Excavation/Removal/Disposal/Replacement is Not Included.
- Contaminated Soil Excavation/Removal/Disposal/Replacement is Not Included.
- Geotechnical Testing is Not Included.
- Pricing is Guaranteed for 30-Days from Date of Proposal. After 30-Days, S.U.R. Construction, Inc. Reserves the Right to Adjust Pricing for Labor, Equipment and Material Fluxuations.
- REVISED Proposal Includes 8" of Sand in Lieu of 12" as Shown on CSK-29.
- S.U.R. Construction, Inc. Assumes No Responsibility for the Condition of the Pipe After Installation due to Insufficient Cover.
- Any/All Defects to Pipe Material will be Repaired/Replaced on Time and Materials Basis.
- Proposal Assumes No Conflicts with Irrigation and No Production Loss Due to Irrigation. Any Time Loss will be Paid as Additional Work on a Time and Materials Basis.

ACCEPTED:

The above prices, specifications and conditions are satisfactory and are hereby accepted.

Buyer: _____**Signature:** _____**Date of Acceptance:** _____**CONFIRMED:****S.U.R. Construction, Inc.****Authorized Signature:** _____**Estimator:** Jason DeWildt, PE

jdewildt@surconstruction.com