

UNIVERSITY of HOUSTON

PLANT OPERATIONS

Capital Renewal & Deferred Maintenance (CRDM)

PROJECT REQUEST FORM

Business Services Only Request # :

Project Title Fume Hood Exhaust Leak	
Building # 550	Building Name Science and Research 1
Emergency or Immediate Funding* <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Managing Shop/Area M.P.P.
New Funding Request* <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add Funding to Project # P779806
Project Description/Scope (<i>attach any estimate prior to request</i>): Work involves additional replacement of the existing metal ductwork and rooftop exhaust system, with new pvc ductwork and exhaust fan, serving Labs 205/207	

Plant Ops Use Only

Desired Construction Start Date 8/15/2013	Desired Completion Date 9/1/2013	Contract Date	
*If Emergency Provide Justification and impact on business continuity:	Shop Request: M.P.P.	Purchased Material & Services	\$66,581.94
		In-House Labor	\$71.51
		Contingency	
		Admin Fee (as applicable)	\$3,332.67
		Total Estimate	\$69,986.12

Requested By: Bobby Galvan	Date 8/4/2013	Director: George Rea	Date 8/15/13
Department Contact: Bobby Galvan	Date 8/4/2013	Division Administrator:	Date
Project Manager Assigned: Bobby Galvan	Executive Director, Facilities Management:		
Project Number Assigned:			
Funding Source:			
<p>Submit completed Project Request Form to: George Rea, CRDM Program Coordinator E-mail: grea@central.uh.edu </p> <div style="text-align: right; background-color: #800000; color: white; padding: 5px; display: inline-block;">Submit by Email</div>			

Item Description	Proposed Budget	% of Budget	Approved Budget	% of Budget	Committed Budget	% of Budget	Pending Change Orders	REVISED Approved Budget	% of Budget
A. PROFESSIONAL SERVICE FEES									
DESIGN SERVICES	\$10,380.00	6.34%		#DIV/0!	\$10,380.00	6.86%		\$0.00	#DIV/0!
SUBTOTAL	\$10,380.00	6.34%	\$0.00	#DIV/0!	\$10,380.00	6.86%		\$0.00	#DIV/0!
B. CONSTRUCTION COSTS									
REMEDIAL WORK IN LAB 35	\$34,983.86	21.36%		#DIV/0!	\$34,983.86	23.11%			#DIV/0!
REMEDIAL WORK IN LAB 51D	\$65,941.42	40.26%		#DIV/0!	\$65,941.42	43.56%	\$71.51		#DIV/0!
UH PROVIDED SERVICES	\$30,497.60				\$32,877.60		\$66,881.94		
Fire Shop/Solid Waster/Technology/HVAC CHANGE ORDER #1: Additional work to replace duckwork system with Labs 205207									
SUBTOTAL	\$131,422.88	80.24%	\$0.00	#DIV/0!	\$133,802.88	88.38%	\$66,653.45	\$0.00	#DIV/0!
C. MISCELLANEOUS COSTS									
	\$0.00	0.00%		#DIV/0!		0.00%			#DIV/0!
SUBTOTAL	\$0.00	0.00%	\$0.00	#DIV/0!	\$0.00	0.00%	\$0.00	\$0.00	#DIV/0!
D. PROJECT CONTINGENCY									
ESTIMATE FEE (NON-REFUNDABLE \$500)	\$141,802.88	86.58%		#DIV/0!	\$144,182.88	95.24%	\$66,653.45		#DIV/0!
SYSTEM PROJECT MANAGEMENT	\$14,180.29	10.00%		#DIV/0!	\$0.00	0.00%	\$0.00		#DIV/0!
PROJECT SUBTOTAL 2	\$155,983.17	95.24%	\$0.00	#DIV/0!	\$144,182.88	95.24%	\$66,653.45	\$0.00	#DIV/0!
E. ADMINISTRATIVE SERVICE FEES									
ESTIMATE FEE (NON-REFUNDABLE \$500)	\$0.00	0.00%		#DIV/0!	\$0.00	0.00%	\$0.00		#DIV/0!
SYSTEM PROJECT MANAGEMENT	\$7,799.16	5.00%		#DIV/0!	\$7,209.14	5.00%	\$3,332.67		#DIV/0!
PROJECT SUBTOTAL 3	\$163,782.33	#DIV/0!	\$0.00	#DIV/0!	\$151,392.02	100.00%	\$69,986.12	\$0.00	#DIV/0!
TOTAL PROJECT COST	\$163,782.33	#DIV/0!	\$ -	#DIV/0!	\$151,392.02	100.00%	\$69,986.12	\$0.00	#DIV/0!

[Signature]
Bobby Galvan, Project Manager
Date: 8/2/13

Client / Owner _____ Date _____
Certifying Signature _____ Date _____

\$163,782.33



Cotton USA

5443 Katy Hockley Cutoff
Katy, TX 77493

Client: U of H SR1 vent pipe areas 51D 35 and 205
Property: 4211 Elgin
Houston, TX

Operator Info:
Operator: JOHNN

Estimator: John Neiser
Business: 14345 NW Freeway
Houston, TX 77040

Business: (281) 755-1041
E-mail: johnn@cottonteam.com

Type of Estimate: Other
Date Entered: 1/14/2013
Date Assigned:

Price List: TXH05B_AUG12
Labor Efficiency: Restoration/Service/Remodel
Estimate: UOFHSR1VENTALLTHREE1

Thank you for allowing Cotton the opportunity to assist you in the recovery of your building. This is an estimate/scope for the replacement of the severely deteriorated exhaust vent piping for the fume hood in areas 51D, 35 and 205. This proposal also includes the demo of the piping in areas 51D and 35. Please feel free to contact me directly with any questions or concerns.

Respectfully,
John Neiser 281-755-1041
Project Coordinator Cotton USA



Cotton USA

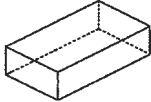
5443 Katy Hockley Cutoff
Katy, TX 77493

UOFHSR1VENTALLTHREE1

AREA 51D

ROOM 51D

LxWxH 22' x 10' x 9'



576.00 SF Walls	220.00 SF Ceiling
796.00 SF Walls & Ceiling	220.00 SF Floor
24.44 SY Flooring	64.00 LF Floor Perimeter
198.00 SF Long Wall	90.00 SF Short Wall
64.00 LF Ceil. Perimeter	

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
1. Floor protection - self-adhesive plastic film	220.00 SF	0.00	0.43	94.60
2. Detach & Reset Suspended ceiling grid - 2' x 2'	420.00 SF	0.00	0.00	449.40
3. Suspended ceiling tile - 2' x 2'	420.00 SF	0.00	1.29	541.80
4. Detach & Reset Fluorescent light fixture	8.00 EA	0.00	0.00	493.60
5. Detach & Reset Sprinkler head escutcheon cover	6.00 EA	0.00	0.00	85.56
6. Content Manipulation charge - per hour	16.00 HR	0.00	29.62	473.92
Note the above line entry is to manipulate furniture and movable tables, chairs etc. Cotton will not be handling any lab equipment.				
7. Containment Barriers	800.00 SF	0.00	0.96	768.00
Totals: ROOM 51D				2,906.88

DUCTING

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
8. Avid resistant PVC as per engineered drawings	160.00 LF	0.00	108.00	17,280.00
The above line entry includes: Removing approximately 166' of 12" round stainless tig welded pipe to existing fume hood and replacing it with acid resistant PVC piping.				
9. HVAC Technician - per hour	220.00 HR	0.00	87.00	19,140.00
Totals: DUCTING				36,420.00

GENERAL



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5443 Katy Hockley Cutoff
Katy, TX 77493

CONTINUED - GENERAL

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
10. Haul debris - per pickup truck load - including dump fees	4.00 EA	111.79	0.00	447.16
11. Cleaning Technician - per hour	24.00 HR	0.00	29.14	699.36
12. PPE and enviromental compliance measures	1.00 EA	0.00	630.00	630.00
13. Lightning system modifications, testing, and ASRA Certifications	1.00 EA	0.00	2,210.43	2,210.43
Totals: GENERAL				3,986.95

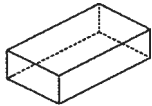
Exhaust fan

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
14. Replace canvas connectors to existing roof mount exhaust fans	16.00 EA	0.00	108.00	1,728.00
15. Roofing repair	1.00 EA	0.00	1,264.00	1,264.00
Totals: Exhaust fan				2,992.00
Total: AREA 51D				46,305.83

AREA 35

ROOM 32

LxWxH 22' x 10' x 9'



576.00 SF Walls	220.00 SF Ceiling
796.00 SF Walls & Ceiling	220.00 SF Floor
24.44 SY Flooring	64.00 LF Floor Perimeter
198.00 SF Long Wall	90.00 SF Short Wall
64.00 LF Ceil. Perimeter	

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
16. Floor protection - self-adhesive plastic film	110.00 SF	0.00	0.43	47.30
17. Detach & Reset Suspended ceiling grid - 2' x 2'	220.00 SF	0.00	0.00	235.40
18. Suspended ceiling tile - 2' x 2'	220.00 SF	0.00	1.29	283.80
19. Detach & Reset Fluorescent light fixture	6.00 EA	0.00	0.00	370.20



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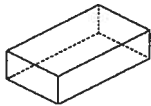
5443 Katy Hockley Cutoff
Katy, TX 77493

CONTINUED - ROOM 32

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
20. Detach & Reset Sprinkler head escutcheon cover	2.00 EA	0.00	0.00	28.52
Totals: ROOM 32				965.22

HALLWAY

LxWxH 22' x 6' x 9'

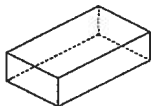


504.00 SF Walls	132.00 SF Ceiling
636.00 SF Walls & Ceiling	132.00 SF Floor
14.67 SY Flooring	56.00 LF Floor Perimeter
198.00 SF Long Wall	54.00 SF Short Wall
56.00 LF Ceil. Perimeter	

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
21. Floor protection - self-adhesive plastic film	132.00 SF	0.00	0.43	56.76
22. Vinyl cove base - Minimum charge	1.00 EA	0.00	225.00	225.00
23. Painting - Minimum charge	1.00 EA	0.00	265.00	265.00
24. Acoustic ceiling repair - Minimum charge	1.00 EA	0.00	270.00	270.00
Totals: HALLWAY				816.76

ROOM 37

LxWxH 30' x 20' x 9'



900.00 SF Walls	600.00 SF Ceiling
1,500.00 SF Walls & Ceiling	600.00 SF Floor
66.67 SY Flooring	100.00 LF Floor Perimeter
270.00 SF Long Wall	180.00 SF Short Wall
100.00 LF Ceil. Perimeter	

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
25. Floor protection - self-adhesive plastic film	300.00 SF	0.00	0.43	129.00
26. Detach & Reset Suspended ceiling grid - 2' x 2'	200.00 SF	0.00	0.00	214.00
27. Suspended ceiling tile - 2' x 2'	200.00 SF	0.00	1.29	258.00



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5443 Katy Hockley Cutoff
Katy, TX 77493

CONTINUED - ROOM 37

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
28. Detach & Reset Fluorescent light fixture	10.00 EA	0.00	0.00	617.00
29. Detach & Reset Sprinkler head escutcheon cover	3.00 EA	0.00	0.00	42.78
Totals: ROOM 37				1,260.78

EXHAUST FAN

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
30. R&R Backward Inclined Centrifugal Utility Fan Model SWB-120-10	1.00 EA	28.98	7,907.06	7,936.04
31. Replace canvas connectors to existing roof mount exhaust fans	16.00 EA	0.00	108.00	1,728.00
32. Carrier system modifications	1.00 EA	0.00	1,620.00	1,620.00
33. Roofing repair	1.00 EA	0.00	1,264.00	1,264.00
Totals: EXHAUST FAN				12,548.04

DUCTING

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
34. Avid resistant PVC As per engineered drawings	108.00 LF	0.00	108.00	11,664.00
The above line entry includes: Removing approximately 108' of 12" round stainless tig welded pipe to existing fume hood and replacing it with acid resistant PVC piping as per engineered drawings.				
35. HVAC Technician - per hour	106.00 HR	0.00	87.00	9,222.00
Totals: DUCTING				20,886.00

GENERAL

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
36. Haul debris - per pickup truck load - including dump fees	3.00 EA	111.79	0.00	335.37



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5443 Katy Hockley Cutoff
Katy, TX 77493

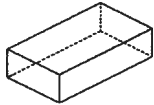
CONTINUED - GENERAL

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
37. Cleaning Technician - per hour	16.00 HR	0.00	29.14	466.24
38. Substance consultant and testing	1.00 EA	0.00	1,420.00	1,420.00
39. PPE and enviromental compliance measures	1.00 EA	0.00	630.00	630.00
40. Containment	1.00 EA	0.00	287.00	287.00
Totals: GENERAL				3,138.61
Total: AREA 35				39,615.41

AREA 205

ROOM 204

LxWxH 22' x 10' x 9'



576.00 SF Walls	220.00 SF Ceiling
796.00 SF Walls & Ceiling	220.00 SF Floor
24.44 SY Flooring	64.00 LF Floor Perimeter
198.00 SF Long Wall	90.00 SF Short Wall
64.00 LF Ceil. Perimeter	

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
41. Floor protection - self-adhesive plastic film	220.00 SF	0.00	0.43	94.60
42. Detach & Reset Suspended ceiling grid - 2' x 2'	420.00 SF	0.00	0.00	449.40
43. Suspended ceiling tile - 2' x 2'	420.00 SF	0.00	1.29	541.80
44. Detach & Reset Fluorescent light fixture	8.00 EA	0.00	0.00	493.60
45. Detach & Reset Sprinkler head escutcheon cover	6.00 EA	0.00	0.00	85.56
46. Content Manipulation charge - per hour	16.00 HR	0.00	29.62	473.92
Note the above line entry is to manipulate furniture and movable tables, chairs etc. Cotton will not be handling any lab equipment.				
47. Containment Barriers	800.00 SF	0.00	0.96	768.00
Totals: ROOM 204				2,906.88

DUCTING



Cotton USA

5443 Katy Hockley Cutoff
Katy, TX 77493

CONTINUED - DUCTING

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
48. Avid resistant PVC as per engineered drawings	166.00 LF	0.00	98.00	16,268.00
The above line entry includes: Installing acid resistant PVC piping as per engineered drawings. Demo is already complete				
49. HVAC Technician - per hour	180.00 HR	0.00	87.00	15,660.00
Totals: DUCTING				31,928.00

EXHAUST FAN

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
50. R&R Backward Inclined Centrifugal Utility Fan Model SWB-120-10	1.00 EA	28.98	7,907.06	7,936.04
51. Replace canvas connectors to existing roof mount exhaust fans	16.00 EA	0.00	108.00	1,728.00
52. Carrier system modifications	1.00 EA	0.00	1,620.00	1,620.00
53. Roofing repair	1.00 EA	0.00	1,264.00	1,264.00
Totals: EXHAUST FAN				12,548.04

Roofing

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
54. Roofing repair including curbs, patches and flashing	1.00 EA	0.00	2,848.00	2,848.00
Totals: Roofing				2,848.00

GENERAL

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
55. Haul debris - per pickup truck load - including dump fees	4.00 EA	111.79	0.00	447.16
56. Cleaning Technician - per hour	24.00 HR	0.00	29.14	699.36



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5443 Katy Hockley Cutoff
Katy, TX 77493

CONTINUED - GENERAL

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
57. PPE and enviromental compliance measures	1.00 EA	0.00	630.00	630.00
58. Lightning and ASRA Certification	1.00 EA	0.00	973.00	973.00
59. Enviromental testing and reporting	1.00 EA	0.00	1,279.30	1,279.30
Totals: GENERAL				4,028.82
Total: AREA 205				54,259.74
Line Item Totals: UOFHSR1VENTALLTHREE1				140,180.98

Grand Total Areas:

3,132.00 SF Walls	1,392.00 SF Ceiling	4,524.00 SF Walls and Ceiling
1,392.00 SF Floor	154.67 SY Flooring	348.00 LF Floor Perimeter
1,062.00 SF Long Wall	504.00 SF Short Wall	348.00 LF Ceil. Perimeter
0.00 Floor Area	0.00 Total Area	0.00 Interior Wall Area
0.00 Exterior Wall Area	0.00 Exterior Perimeter of Walls	
0.00 Surface Area	0.00 Number of Squares	0.00 Total Perimeter Length
0.00 Total Ridge Length	0.00 Total Hip Length	



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5443 Katy Hockley Cutoff
Katy, TX 77493

Summary

Line Item Total			140,180.98
Overhead	@	10.0%	14,018.10
Profit	@	10.0%	14,018.10
Replacement Cost Value			\$168,217.18
Net Claim			\$168,217.18

John Neiser



Cotton USA

5443 Katy Hockley Cutoff
Katy, TX 77493

Client: U of H SR1 substance issue Demo 205
Property: 4211 Elgin
Houston, TX

Operator Info:
Operator: JOHNN

Estimator: John Neiser

Business: (281) 755-1041

Business: 14345 NW Freeway
Houston, TX 77040

Type of Estimate: Other

Date Entered: 12/20/2012

Date Assigned:

Price List: TXHO5B_AUG12
Restoration/Service/Remodel

Estimate: UOFHSR1205DEMO

Thank you for allowing Cotton the opportunity to assist you in the recovery of your building. This is an estimate/scope for the demolition and disposal of the severely deteriorated exhaust vent piping for the fume hood in room are 205 horizontal runs only. Please feel free to contact me directly with any questions or concerns.

Respectfully,

John Neiser 281-755-1041

Project Coordinator Cotton USA



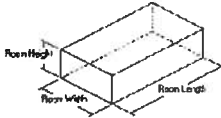
Cotton USA

5443 Katy Hockley Cutoff
Katy, TX 77493

UOFHSR1205DEMO

ROOM 204

LxWxH 22' x 10' x 9'



576.00 SF Walls	220.00 SF Ceiling
796.00 SF Walls & Ceiling	220.00 SF Floor
24.44 SY Flooring	64.00 LF Floor Perimeter
198.00 SF Long Wall	90.00 SF Short Wall
64.00 LF Ceil. Perimeter	

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
1. Floor protection - self-adhesive plastic film	220.00 SF	0.00	0.43	94.60
2. Detach & Reset Suspended ceiling grid - 2' x 2'	580.00 SF	0.00	0.00	620.60
3. Suspended ceiling tile - 2' x 2'	580.00 SF	0.00	1.29	748.20
4. Detach & Reset Fluorescent light fixture	8.00 EA	0.00	0.00	493.60
5. Detach & Reset Sprinkler head escutcheon cover	6.00 EA	0.00	0.00	85.56
6. Content Manipulation charge - per hour	16.00 HR	0.00	29.62	473.92
Note the above line entry is to manipulate furniture and movable tables, chairs etc. Cotton will not be handling any lab equipment.				
7. Containment Barriers	800.00 SF	0.00	0.96	768.00
Totals: ROOM 204				3,284.48

DUCTING

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
8. Demo and disposal total	1.00 EA	20,187.00	0.00	20,187.00

The above line entry includes:

- „h Per plans and specification dated 12/7/12 no addenda seen
- „h Demo of existing horizontal duct as shown on plan MED 2.01 detail 3 (apx.170 feet)
- „h Required PPE and methods that comply with NIOSH and OSHA 29CFR1926 standards
- „h Proper disposal of contaminated duct and materials

Totals: DUCTING				20,187.00
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GENERAL



Cotton USA

5443 Katy Hockley Cutoff
Katy, TX 77493

CONTINUED - GENERAL

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
9. Cleaning Technician - per hour	24.00 HR	0.00	29.14	699.36
Totals: GENERAL				699.36
Line Item Totals: UOFHSR1205DEMO				24,170.84

Grand Total Areas:

576.00 SF Walls	220.00 SF Ceiling	796.00 SF Walls and Ceiling
220.00 SF Floor	24.44 SY Flooring	64.00 LF Floor Perimeter
198.00 SF Long Wall	90.00 SF Short Wall	64.00 LF Ceil. Perimeter
0.00 Floor Area	0.00 Total Area	0.00 Interior Wall Area
0.00 Exterior Wall Area	0.00 Exterior Perimeter of Walls	
0.00 Surface Area	0.00 Number of Squares	0.00 Total Perimeter Length
0.00 Total Ridge Length	0.00 Total Hip Length	



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5443 Katy Hockley Cutoff
Katy, TX 77493

Summary

Line Item Total				24,170.84
Overhead	@	10.0% x	24,170.84	2,417.08
Profit	@	10.0% x	26,587.92	2,658.79
Replacement Cost Value				<u>\$29,246.71</u>
Net Claim				<u><u>\$29,246.71</u></u>

John Neiser



Cotton USA

5443 Katy Hockley Cutoff
Katy, TX 77493

Client: U of H SR1 vent pipe additional electrical
Property: 4211 Elgin
Houston, TX

Operator Info:
Operator: JOHNN

Estimator: John Neiser
Business: 14345 NW Freeway
Houston, TX 77040

Business: (281) 755-1041
E-mail: johnn@cottonteam.com

Type of Estimate: Other
Date Entered: 7/23/2013
Date Assigned:

Price List: TXHO5B_AUG12
Labor Efficiency: Restoration/Service/Remodel
Estimate: UOFHSR1VENTELECT

Thank you for allowing Cotton the opportunity to assist you in the recovery of your building. This is an estimate/scope for the additional electrical required for the SR1 vent pipe project. Please feel free to contact me directly with any questions or concerns.

Respectfully,
John Neiser 281-755-1041
Project Coordinator Cotton USA



Cotton USA

5443 Katy Hockley Cutoff
Katy, TX 77493

UOFHSR1VENTELECT

UOFHSR1VENTELECT

DESCRIPTION

QNTY

1. Electrician - per hour	22.80 HR
2. Electrical repair materials	1.00 EA

The above two line entries include:

Ran new ridged aluminum conduit, from panel by room 610 on the 6th floor to roof penetrations ran new wire and terminated to blower motor started motor and ran for ten minutes to ensure proper voltage 12.9 amps. Two separate days.

Grand Total

2,920.93

John Neiser