

Proposal Project:**HVAC Filters**

Proposal #: 0406-25

Proposal Date: July 13, 2004

Approved: 8-23-04 Filter Systems

Item Description	Qty.	Filter Systems	Grainger Industries	North American Air	Pure Air (Natl. Bid Ctr.)	Pure Air Filter	Total Filtration	Tex-Air Filters
Florence Elementary:								
16x25 (2")	20	41.20	61.60	50.60	42.00	51.60	41.60	47.80
16x20 (2")	36	65.16	120.24	88.56	66.24	83.52	64.08	75.60
20x20 (2")	30	63.00	72.60	75.90	64.20	77.40	62.40	73.20
16X25 (1")	9	16.47	23.13	21.69	16.83	22.86	16.74	19.17
20X25 (2")	4	9.60	13.24	11.08	9.76	11.60	10.04	11.12
20X25 (1")	8	16.96	22.32	19.76	17.28	22.88	17.20	19.76
Package Total:		212.39	313.13	267.59	216.31	269.86	212.06	246.65
Chisholm Trail Intermediate:								
16x25 (2")	24	49.44	73.92	59.76	50.40	61.92	49.92	57.36
16x20 (2")	18	32.58	60.12	43.74	33.12	41.76	32.04	37.80
20x20 (2")	34	71.40	82.28	84.66	72.76	87.72	70.72	82.96
20x25 (2")	57	136.80	188.67	155.61	139.08	165.30	143.07	158.46
Package Total:		290.22	404.99	343.77	295.36	356.70	295.75	336.58
Bear Creek Intermediate:								
16x25 (2")	10	20.60	30.80	25.10	21.00	25.80	20.80	23.90
16x20 (2")	64	115.84	213.76	156.80	117.76	148.48	113.92	134.40
20x20 (2")	92	193.20	222.64	230.92	224.48	237.36	191.36	224.48
20x25 (2")	20	48.00	66.20	55.00	48.80	58.00	50.20	55.60
Package Total:		377.64	533.40	467.82	412.04	469.64	376.28	438.38
Learning Center:								
12x24 (2")	8	14.16	20.96	23.20	14.48	19.36	16.48	16.48
16x25 (2")	2	4.12	6.16	5.92	4.20	5.16	4.16	4.78
16x20 (2")	14	25.34	46.76	40.60	25.76	32.48	24.92	29.40
16x25 (1")	6	10.98	15.42	17.28	11.22	15.24	11.16	12.78
20x25 (1")	2	4.24	5.58	5.90	4.32	5.72	4.30	4.94
20x20 (1")	2	3.70	5.14	5.76	3.78	5.10	3.72	4.30
10x24 (1")	12	37.68	28.80	49.68	43.56	41.76	35.76	21.00
Package Total:		100.22	128.82	148.34	107.32	124.82	100.50	93.68

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Item Description		Filter Systems	Grainger Industries	North American Air	Pure Air (Natl. Bid Ctr.)	Pure Air Filter	Total Filtration	Tex-Air Filters
Parkview Elementary:								
16x25 (2")	45	92.70	138.60	111.60	94.50	116.10	93.60	107.55
16x20 (2")	35	63.35	116.90	84.70	64.40	81.20	62.30	73.50
20x20 (2")	37	77.70	89.54	91.76	79.18	95.46	76.96	90.28
16x25 (1")	12	21.96	30.84	28.80	22.44	30.48	22.32	25.56
20x25 (2")	6	14.40	19.86	16.32	14.64	17.40	15.06	16.68
20x25 (1")	1	2.12	2.79	2.47	2.16	2.86	2.15	2.47
Package Total:		272.23	398.53	335.65	277.32	343.50	272.39	316.04
Whitley Road Elementary:								
12x24 (2")	12	21.24	31.44	29.04	21.72	29.04	24.72	24.72
16x25 (2")	28	57.68	86.24	69.44	58.80	72.24	58.24	66.92
16x20 (2")	65	117.65	217.10	157.30	119.60	150.80	115.70	136.50
20x20 (2)	36	75.60	87.12	89.28	77.04	92.88	74.88	87.84
16x25 (1")	4	7.32	10.28	9.60	7.48	10.16	7.44	8.52
16x20 (1")	16	26.72	37.28	37.62	27.20	36.96	26.56	31.04
Package Total:		306.21	469.46	392.58	311.84	392.08	307.54	355.54
Heritage Elementary:								
16x25 (2")	21	43.26	64.68	52.71	44.10	54.18	43.68	50.19
16x20 (2")	16	28.96	53.44	39.20	29.44	37.12	28.48	33.60
20x20 (2")	26	54.60	62.92	65.26	55.64	67.08	54.08	63.44
16x20 (1")	12	20.04	27.96	28.80	20.40	27.72	19.92	23.28
Package Total:		146.86	209.00	185.97	149.58	186.10	146.16	170.51
Keller Middle:								
16x25 (2")	32	65.92	98.56	80.00	33.60	82.56	66.56	76.48
16x20 (2")	56	101.36	187.04	137.20	11.04	129.92	99.68	117.60
20x20 (2")	70	147.00	169.40	175.00	34.24	180.60	145.60	170.80
20x25 (1")	10	21.20	27.90	24.40	24.40	28.60	21.50	24.70
20x25 (2")	36	86.40	119.16	98.64	97.60	104.40	90.36	100.08
Package Total:		421.88	602.06	515.24	200.08	526.08	423.70	489.66

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Item Description		Filter Systems	Grainger Industries	North American Air	Pure Air (Natl. Bid Ctr.)	Pure Air Filter	Total Filtration	Tex-Air Filters
Shady Grove Elementary:								
16x25 (2")	33	67.98	101.64	91.08	69.30	85.14	68.64	78.87
16x20 (2")	10	18.10	33.40	27.00	18.40	23.20	17.80	21.00
20x20 (2")	6	12.60	14.52	16.56	12.84	15.48	12.48	14.64
25x25 (2")	2	6.34	7.58	8.60	6.46	7.72	5.02	7.38
20x25 (2")	27	64.80	23.17	81.00	65.88	78.30	67.77	75.06
Package Total:		169.82	180.31	224.24	172.88	209.84	171.71	196.95
Keller Harvel Elementary:								
16x25 (2")	16	32.96	49.28	42.88	33.60	41.28	33.28	38.24
16x20 (2")	6	10.86	20.04	15.78	11.04	13.92	10.68	12.60
20x20 (2")	16	33.60	38.72	42.88	34.24	41.28	33.28	39.04
16x16 (2")	8	24.00	22.48	33.36	24.40	33.36	25.20	18.80
20x25 (2")	40	96.00	132.40	116.40	97.60	116.00	100.40	111.20
Package Total:		197.42	262.90	251.30	200.88	245.84	202.84	219.88
Park Glen Elementary:								
16x25 (2")	22	45.32	67.76	61.38	46.20	56.76	45.76	52.58
16x20 (2")	32	57.92	106.88	87.68	58.88	74.24	56.96	67.20
20x20 (2")	14	29.40	33.88	39.06	29.96	36.12	29.12	34.16
20x25 (2")	7	16.80	23.17	21.42	17.08	20.30	17.57	19.46
Package Total:		149.44	231.69	209.54	152.12	187.42	149.41	173.40
Fossil Ridge High:								
16x25 (2")	95	195.70	292.60	243.20	199.50	245.10	197.60	227.05
16x20 (2")	144	260.64	480.96	361.44	264.96	334.08	256.32	302.40
20x20 (2")	26	54.60	62.92	66.56	55.64	67.08	54.08	63.44
20x25 (1")	18	38.16	50.22	45.00	38.88	52.20	38.70	44.46
18x25 (2")	2	5.02	8.32	5.60	11.68	5.98	5.62	5.84
20x25 (2")	109	261.60	360.79	202.00	265.96	316.10	273.59	303.02
Package Total:		815.72	1255.81	923.80	836.62	1020.54	825.91	946.21

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Item Description		Filter Systems	Grainger Industries	North American Air	Pure Air (Natl. Bid Ctr.)	Pure Air Filter	Total Filtration	Tex-Air Filters
Fieldhouse @ Fossil Ridge High:								
16x20 (2")	6	10.86	20.04	17.10	11.04	13.92	10.68	12.60
20x20 (2")	6	12.60	14.52	17.46	12.84	15.48	12.48	14.64
20x25 (1")	16	33.92	44.64	45.60	34.56	45.76	34.40	39.52
16x25 (1")	3	5.49	7.71	8.40	5.61	7.62	5.58	6.39
Package Total:		62.87	86.91	88.56	64.05	82.78	63.14	73.15
Fossil Hill Middle:								
16x25 (2")	38	78.28	117.04	99.24	no bid	98.04	79.04	90.82
16x20 (2")	102	184.62	340.68	247.86	187.68	236.64	181.56	214.20
20x20 (2")	2	4.20	4.84	4.96	no bid	5.16	4.16	4.88
20x25 (2")	4	9.60	13.24	10.88	8.40	11.60	10.04	11.12
Package Total:		276.70	475.80	357.94	196.08	351.44	274.80	321.02
Keller High:								
16x25 (2")	264	543.84	813.12	660.00	554.40	681.12	549.12	630.96
16x20 (2")	24	43.44	80.16	58.80	44.16	55.68	42.72	50.40
20x20 (2")	6	12.60	14.52	15.00	12.84	15.48	12.48	14.64
20x24 (2")	1	2.41	4.17	2.87	2.45	2.99	2.81	2.80
24x24 (2")	18	48.24	70.02	53.82	49.14	58.50	50.58	56.16
Package Total:		650.53	981.99	790.49	662.99	813.77	657.71	754.96
Fieldhouse @ Keller High:								
16x25 (2")	4	8.24	12.32	11.64	8.40	10.32	8.32	9.56
16x20 (2")	24	43.44	80.16	34.20	44.16	55.68	42.72	50.40
18x20 (2")	8	19.20	no bid	23.28	19.52	38.88	22.48	21.52
24x24 (1")	1	2.40	2.51	3.05	2.45	2.97	2.25	2.80
20x25 (1")	2	4.24	5.58	5.70	4.32	5.72	4.30	4.94
Package Total:		77.52	100.57	77.87	78.85	113.57	80.07	89.22

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Item Description		Filter Systems	Grainger Industries	North American Air	Pure Air (Natl. Bid Ctr.)	Pure Air Filter	Total Filtration	Tex-Air Filters
Willis Lane Elementary:								
12x24 (2")	10	17.70	26.20	24.20	18.10	24.20	20.60	20.60
16x20 (2")	18	32.58	60.12	43.56	33.12	41.76	32.04	37.80
20x20 (2")	10	21.00	24.20	24.80	21.40	25.80	20.80	24.40
20x24 (2")	6	14.46	25.02	17.10	12.84	17.94	16.86	16.80
16x16 (2")	16	48.00	44.96	63.52	48.80	66.72	50.40	37.60
18x18 (2")	18	76.68	no bid	76.14	88.56	87.48	64.26	52.92
18x20 (2")	92	220.80	no bid	228.16	224.48	447.12	365.24	247.48
24x24 (2")	13	34.84	50.57	38.61	35.49	42.25	36.53	40.56
20x25 (2")	8	19.20	26.48	21.76	19.52	23.20	20.08	22.24
Package Total:		485.26	257.55	537.85	502.31	776.47	626.81	500.40
North Riverside Elementary:								
12x24 (2")	10	17.70	26.20	24.20	18.10	24.20	20.60	20.60
16x20 (2")	32	57.92	106.88	77.44	58.88	74.24	56.96	67.20
20x20 (2")	14	29.40	33.88	34.72	29.96	36.12	29.12	34.16
20x24 (2")	6	14.46	25.02	17.10	14.70	17.94	16.86	16.80
18x20 (2")	70	168.00	no bid	173.60	170.80	340.20	196.70	188.30
18x25 (2")	4	10.04	16.64	10.28	21.92	11.96	11.24	11.68
15x20 (2")	4	7.56	10.44	9.64	7.72	10.56	8.48	8.80
24x24 (2")	23	61.64	89.47	68.31	62.79	74.75	22.48	71.76
20x25 (2")	8	19.20	26.48	21.76	19.52	23.20	20.08	22.24
Package Total:		385.92	335.01	437.05	404.39	613.17	382.52	441.54
Maintenance Facility:								
16x25 (1")	8	14.64	20.56	20.96	14.96	20.32	14.88	17.04
15x20 (2")	8	15.12	20.88	21.20	15.44	21.12	16.96	15.76
20x20 (1")	1	1.85	2.57	2.62	1.89	2.55	1.86	2.15
Package Total:		31.61	44.01	44.78	32.29	43.99	33.70	34.95

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Item Description		Filter Systems	Grainger Industries	North American Air	Pure Air (Natl. Bid Ctr.)	Pure Air Filter	Total Filtration	Tex-Air Filters
Indian Springs Middle:								
12x24 (2")	6	10.62	15.72	14.52	10.86	14.52	12.36	12.36
16x20 (2")	15	27.15	50.10	36.30	27.60	34.80	26.70	31.50
20x20 (2")	21	44.10	50.82	52.08	44.94	54.18	43.68	51.24
24x24 (2")	30	80.40	116.70	89.10	81.90	97.50	84.30	93.60
20x25 (2")	20	48.00	66.20	54.40	48.80	58.00	50.20	55.60
16x25 (2")	28	57.68	86.24	69.44	58.80	72.24	58.24	66.92
Package Total:		267.95	385.78	315.84	272.90	331.24	275.48	311.22
Hillwood Middle:								
12x24 (2")	8	14.16	20.96	19.60	14.48	19.36	16.48	16.48
16x25 (2")	32	65.92	98.56	79.36	67.20	82.56	66.56	76.48
16x20 (2")	13	23.53	43.42	30.81	23.92	30.16	23.14	27.30
20x20 (2")	25	52.50	60.50	62.00	53.50	64.50	52.00	61.00
24x24 (2")	31	83.08	120.59	92.07	84.63	100.75	87.11	96.72
20x20 (1")	3	5.55	7.71	7.20	5.67	7.65	5.58	7.32
20x24 (2")	6	14.46	25.02	17.10	14.70	17.94	16.86	16.80
20x25 (2")	22	52.80	72.82	59.84	53.68	63.80	55.22	61.16
Package Total:		312.00	449.58	367.99	317.78	386.72	322.95	363.26
Natatorium Facility:								
16x25 (2")	6	12.36	18.48	16.80	12.60	15.48	12.48	14.34
20x20 (2")	14	29.40	33.88	39.20	29.96	36.12	29.12	34.16
20x25 (2")	18	43.20	59.58	55.26	43.92	52.20	45.18	50.04
Package Total:		84.96	119.40	111.26	86.48	103.80	86.78	98.54
Parkwood Hill Intermediate:								
16x25 (2")	67	138.02	206.36	166.16	140.70	172.86	139.36	160.13
16x20 (2")	72	130.32	240.48	174.24	132.48	167.04	128.16	151.20
20x25 (2")	19	45.60	62.89	51.68	46.36	55.10	47.69	52.82
Package Total:		313.94	509.73	392.08	319.54	395.00	315.21	364.15

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Freedom Elementary:								
16x20 (2")	4	7.24	13.36	9.68	7.36	9.28	7.12	8.40
20x20 (2")	31	65.10	75.02	76.88	66.34	79.98	64.48	75.64
20x24 (2")	28	67.48	116.76	79.80	68.60	83.72	78.68	78.40
18x24 (2")	26	60.32	107.90	72.02	61.62	77.74	71.76	70.20
16x22 (2")	13	55.38	no bid	58.37	63.96	63.18	51.61	34.32
20x28 (2")	16	81.44	no bid	84.96	94.08	88.00	76.16	70.40
18x18 (2")	9	38.34	no bid	38.07	44.28	43.74	32.13	26.46
20x25 (2")	4	9.60	13.24	10.88	9.76	11.60	10.04	11.12
Package Total:		384.90	326.28	430.66	416.00	457.24	391.98	374.94
South Keller Intermediate:								
16x25 (2")	64	131.84	197.12	158.72	134.40	165.12	133.12	152.96
16x20 (2")	62	112.22	207.08	150.04	114.08	143.84	110.36	130.20
20x25 (2")	10	24.00	33.10	27.20	24.40	29.00	25.10	27.80
Package Total:		268.06	437.30	335.96	272.88	337.96	268.58	310.96
Education Center:								
16x25 (1")	3	5.49	7.71	6.75	5.61	7.62	5.58	6.39
15x20 (2")	16	30.24	41.76	37.44	30.88	42.24	33.92	35.20
12x12 (1")	26	52.26	85.54	57.20	53.30	85.28	72.54	47.32
20x20 (1")	64	118.40	164.48	146.56	120.96	163.20	119.04	137.60
Package Total:		206.39	299.49	247.95	210.75	298.34	231.08	226.51
Hidden Lakes Elementary:								
16x20 (2")	52	94.12	173.68	125.84	95.68	120.64	92.56	109.20
16x20 (1")	82	136.94	191.06	194.34	139.40	189.42	136.12	159.08
18x25 (1")	13	28.21	36.92	33.41	64.74	35.75	32.89	36.66
16x25 (1")	12	21.96	30.84	28.80	22.44	30.48	22.32	25.56
Package Total:		281.23	432.50	382.39	322.26	376.29	283.89	330.50

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Bluebonnet Elementary:								
16x25 (2")	36	74.16	110.88	89.28	75.60	92.88	74.88	86.04
16x20 (2")	40	72.40	133.60	96.80	73.60	92.80	71.20	84.00
20x25 (2")	24	57.60	79.44	65.28	58.56	69.60	60.24	66.72
20x20 (2")	28	58.80	67.76	69.44	59.92	72.24	58.24	68.32
Package Total:		262.96	391.68	320.77	267.68	327.52	264.56	305.08
Lone Star Elementary:								
16x20 (2")	90	162.90	300.60	217.80	165.60	208.80	160.20	189.00
16x25 (1")	10	18.30	25.70	24.00	18.70	25.40	18.60	21.30
20x25 (1")	5	10.60	13.95	12.35	10.80	14.30	10.75	12.35
18x25 (1")	15	39.06	51.12	46.26	89.64	49.50	45.54	48.96
16x20 (1")	85	141.95	198.05	201.45	144.50	196.35	141.10	164.90
Package Total:		372.81	589.42	501.86	429.24	494.35	376.19	436.51
Central High:								
12x24 (2")	2	3.54	5.24	4.66	3.62	4.84	4.12	4.12
16x25 (2")	116	238.96	357.28	290.00	243.60	299.28	241.28	277.24
20x20 (2")	83	174.30	200.86	207.50	177.62	214.14	172.64	202.52
16x25 (1")	25	45.75	64.25	58.50	46.75	63.50	46.50	53.25
18x24 (2")	16	37.12	66.40	43.84	37.92	47.84	44.16	43.20
24x24 (1")	12	28.80	30.12	30.84	29.40	35.64	27.00	33.60
11x14 (1")	2	5.58	no bid	6.66	6.44	6.54	5.58	4.64
14x24 (1")	70	272.30	179.20	260.40	203.70	274.40	230.30	166.60
15x17 (1")	5	17.30	no bid	18.15	20.00	17.40	15.75	11.75
19x30 (1")	33	153.45	no bid	157.75	263.67	214.50	136.62	112.20
17x30 (1")	141	655.65	no bid	634.50	1126.59	638.73	558.36	479.40
20x25 (2")	187	448.80	618.97	503.03	456.28	542.30	469.37	519.86
16x20 (2")	68	123.08	227.12	162.50	125.12	157.76	121.04	142.80
Package Total:		2204.63	1749.44	2378.32	2740.71	2516.87	2072.72	2051.18
Sub Total		10,390.29	12,962.56	12,385.45	10,929.53	13,152.94	10,492.42	11,371.57
			with 11 no bids					
Grand total		41,561.16	51,850.24	49,541.80	43,718.12	52,611.76	41,969.68	45,486.28

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HVAC Filters

Item Description		Filter Systems	Grainger Industries	North American Air	Pure Air (Natl. Bid Ctr.)	Pure Air Filter	Total Filtration	Tex-Air Filters
VAV Boxes @ Chisholm Trail:								
12x16 (1")	61	170.19	194.59	203.74	196.42	200.08	170.19	132.37
15x20 (1")	14	24.22	33.74	33.32	24.78	33.04	24.22	28.14
16x16 (1")	12	41.52	30.72	43.78	48	41.76	37.80	26.28
15x30 (1")	2	8.68	8.20	8.66	14.5	8.54	7.54	6.80
Package Total:		244.61	267.25	289.50	283.70	283.42	239.75	193.59
VAV Boxes @ Fossil Hill:								
14x24 (1")	33	128.37	no bid	131.34	96.03	129.36	108.57	80.85
18x30 (1")	38	176.70	no bid	180.88	303.62	172.14	150.48	129.20
Package Total:		305.07	84.48	312.22	399.65	301.50	259.05	210.05
VAV Boxes @ Fossil Ridge:								
15x20 (1")	10	17.30	24.10	28.50	17.70	23.60	17.30	20.01
19x30 (1")	6	27.90	no bid	31.74	47.94	39.00	24.84	20.04
Package Total:		45.20	24.10	60.24	65.64	62.60	42.14	40.05
VAV Boxes @ Heritage:								
17x30 (1")	21	97.95	no bid	98.07	167.79	95.13	83.16	71.40
14x24 (1")	27	105.03	69.12	105.03	78.57	105.84	88.83	64.26
Package Total:		202.68	69.12	203.10	246.36	200.97	171.99	135.66
VAV Boxes @ Keller Harvel:								
12x16 (1")	44	122.76	140.36	138.60	141.68	144.32	122.76	95.48
15x20 (1")	8	13.84	19.28	16.88	14.16	18.88	13.84	16.08
Package Total:		136.60	159.64	155.48	155.84	163.20	136.60	111.56
VAV Boxes @ South Keller:								
17x19 (1")	72	280.08	no bid	272.16	324.00	282.24	236.88	190.80
20x27 (1")	24	111.60	no bid	109.44	191.76	108.96	95.04	81.60
Package Total:		391.68	no bid	381.60	515.76	391.20	331.92	272.40

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Item Description		Filter Systems	Grainger Industries	North American Air	Pure Air (Natl. Bid Ctr.)	Pure Air Filter	Total Filtration	Tex-Air Filters
VAV Boxes @ Bluebonnet:								
14x20 (1")	13	22.10	30.16	30.94	35.88	30.68	22.49	25.74
20x20 (1")	56	103.60	143.92	133.28	105.84	142.80	104.16	120.40
Package Total:		125.70	174.08	164.22	141.72	173.48	126.65	146.14
VAV Boxes @ Keller Middle:								
20x20 (1")	24	44.40	61.68	55.20	37.80	61.20	44.64	51.60
Package Total:		44.40	61.68	55.20	37.80	61.20	44.64	51.60
Sub Total:		1,495.94	840.35	1,621.56	1,846.47	1,637.57	1,352.74	1,161.50
			with 7 no bids					
Grand Total		43,057.10	52,690.59	51,163.36	45,564.59	54,249.33	43,322.42	46,647.78