



Phone: 210.233.8401 | 10604 Sentinel St., San Antonio, TX 78217 | TACLA0062170C | M-18971 | TECL 29725 |

San Antonio Airport System-Terminal A-Install Return Air Fans*
 *per Customer supplied drawings ME-201

Site Location: San Antonio Airport System
 10223 John Saunders Rd
 San Antonio TX, 78216

Proposed By: Mechanical Technical Services, Inc.
 10604 Sentinel St.
 San Antonio, TX 78217
 Vendor Number: 1012097

Qty.	Line Number	Description	Labor Hrs.	Unit	Mat.	Labor	Equip.	Total	Ext. Mat.	Ext. Labor	Ext. Equip.	Ext. Total	Mat. O&P	Labor O&P	Equip. O&P	Total O&P	Ext. Mat. O&P	Ext. Labor O&P	Ext. Equip. O&P	Ext. Total O&P	CCI Location
5	0543340050	Rent aerial lift to 25' high 2000 lb cap scissor type	0	Day	\$0.00	\$0.00	\$89.65	\$89.65	\$0.00	\$0.00	\$1344.75	\$1344.75	\$0.00	\$0.00	\$98.62	\$98.62	\$0.00	\$0.00	\$1479.23	\$1479.23	TEXAS/SAN ANTONIO (781782)
850	230505 0570	Ductwork, metal, steel and stainless steel, fabricated, selective demolition	0.02	Lb.	\$0.00	\$0.49	\$0.00	\$0.49	\$0.00	\$46.50	\$0.00	\$46.50	\$0.00	\$0.75	\$0.00	\$0.75	\$0.00	\$637.50	\$0.00	\$637.50	TEXAS/SAN ANTONIO (781782)
1	230505 0570	Overtime, add to usual labor	0	Costs	\$0.00	\$2,041.88	\$0.00	\$2,041.88	\$0.00	\$8,847.74	\$0.00	\$8,847.74	\$0.00	\$3,093.86	\$0.00	\$3,093.86	\$0.00	\$2,515.11	\$0.00	\$2,515.11	TEXAS/SAN ANTONIO (781782)
1	262923 0010	Cost adjustment factors, work inside high security areas	0	Costs	\$0.00	\$1020.94	\$0.00	\$1020.94	\$0.00	\$4,092.37	\$0.00	\$4,092.37	\$0.00	\$1,546.94	\$0.00	\$1,546.94	\$0.00	\$6,257.57	\$0.00	\$6,257.57	TEXAS/SAN ANTONIO (781782)
1	230505 0570	Cost adjustment factors, cut & patch to match existing construction	0	Costs	\$372.56	\$83.78	\$0.00	\$556.34	\$82.00	\$736.64	\$0.00	\$1,548.72	\$40.47	\$276.45	\$0.00	\$688.92	\$895.00	\$1,263.37	\$0.00	\$2,021.36	TEXAS/SAN ANTONIO (781782)
1	230505 0570	Metal ductwork, fabricated rectangular, 5' to 20' high, incl fittings, joints, supports, installation of fabricated ductwork	0		\$0.00	\$0.06	\$0.00	\$0.06	\$0.00	\$48.98	\$0.00	\$49.98	\$0.00	\$0.09	\$0.00	\$0.09	\$0.00	\$76.50	\$0.00	\$76.50	TEXAS/SAN ANTONIO (781782)
850	233 03 00560	Metal ductwork, fabricated rectangular, galvanized steel, 1000 to 2000 lb., incl fittings, joints, supports, installation of fabricated	0.09	Lb.	\$0.54	\$2.78	\$0.00	\$3.32	\$459.00	\$2,363.00	\$0.00	\$2,822.00	\$0.59	\$4.26	\$0.00	\$4.85	\$501.50	\$3,621.00	\$0.00	\$4,422.50	TEXAS/SAN ANTONIO (781782)
1	233 03 00560	Metal ductwork, fabricated rectangular, 5' to 20' high, incl fittings, joints, supports	0		\$0.00	\$0.33	\$0.00	\$0.33	\$0.00	\$283.56	\$0.00	\$283.56	\$0.00	\$0.51	\$0.00	\$0.51	\$0.00	\$434.52	\$0.00	\$434.52	TEXAS/SAN ANTONIO (781782)
950	2307 03 03430	Duct thermal insulation, blanket type, fiberglass, flexible, FSK facing, 1lb. density, 2" thick	0.05	S.F.	\$0.35	\$152	\$0.00	\$187	\$332.50	\$1,444.00	\$0.00	\$1,716.50	\$0.39	\$2.37	\$0.00	\$2.76	\$370.50	\$2,251.50	\$0.00	\$2,622.00	TEXAS/SAN ANTONIO (781782)
1	2307 03 03430	Metal ductwork, fabricated rectangular, 5' to 20' high, incl fittings, joints, supports	0		\$0.00	\$0.78	\$0.00	\$0.78	\$0.00	\$73.28	\$0.00	\$73.28	\$0.00	\$0.28	\$0.00	\$0.28	\$0.00	\$270.78	\$0.00	\$270.78	TEXAS/SAN ANTONIO (781782)
2	2334 05 00340	Fans, air conditioning and process air handling, in-line centrifugal, supply/exhaust booster, aluminum wheel/hub, disconnect switch, 1/4" S.P., 7500 CFM, 22" diameter	26.57	Ea.	\$2,750.00	\$862.50	\$0.00	\$3,612.50	\$5,500.00	\$1,725.00	\$0.00	\$7,225.00	\$3,025.00	\$1,308.13	\$0.00	\$4,333.13	\$6,050.00	\$2,616.26	\$0.00	\$8,666.26	TEXAS/SAN ANTONIO (781782)
1	2334 05 00320	Fans, air conditioning and process air handling, in-line centrifugal, supply/exhaust booster, aluminum wheel/hub, disconnect switch, 1/4" S.P., 3480 CFM, 20" diameter	25	Ea.	\$1,950.00	\$747.50	\$0.00	\$2,697.50	\$1,950.00	\$747.50	\$0.00	\$2,697.50	\$2,500.00	\$1,135.63	\$0.00	\$3,285.63	\$2,500.00	\$1,135.63	\$0.00	\$3,285.63	TEXAS/SAN ANTONIO (781782)



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3	26292310010	Variable frequency drives, enclos sed, 480 volt, 5 HP motor size, NEMA 1	0	Ea.	\$2,802.3	\$348.70	\$0.00	\$2,538.93	\$6,570.69	\$1046.00	\$0.00	\$7,655.79	\$2,485.80	\$523.05	\$0.00	\$2,939.85	\$7,250.40	\$1569.75	\$0.00	\$8,899.55	TEXAS / SAN ANTONIO (781782)
2	23333328382	Duct accessories, relief damper, electronic bypass with light seal, 30" x 24"	133	Ea.	\$261.00	\$43.99	\$0.00	\$304.99	\$522.00	\$87.98	\$0.00	\$609.98	\$287.00	\$67.28	\$0.00	\$354.28	\$574.00	\$94.56	\$0.00	\$708.56	TEXAS / SAN ANTONIO (781782)
1	23333328378	Duct accessories, relief damper, electronic bypass with light seal, 30" x 36"	1	Ea.	\$246.00	\$33.06	\$0.00	\$279.06	\$246.00	\$33.06	\$0.00	\$279.06	\$271.00	\$50.31	\$0.00	\$321.31	\$271.00	\$50.31	\$0.00	\$321.31	TEXAS / SAN ANTONIO (781782)
2	220548400520	Vibration absorber, hanger type, spring flex, 450 lb capacity	0	Ea.	\$52.95	\$0.00	\$0.00	\$52.95	\$635.40	\$0.00	\$0.00	\$635.40	\$58.44	\$0.00	\$58.44	\$701.28	\$0.00	\$0.00	\$0.00	\$701.28	TEXAS / SAN ANTONIO (781782)
240	028533500220	Demolition in ceiling, suspended acoustical tile	0.02	S.F.	\$0.05	\$0.62	\$0.00	\$0.67	\$2.00	\$48.80	\$0.00	\$50.80	\$0.06	\$0.96	\$0.00	\$102	\$4.40	\$230.40	\$0.00	\$244.80	TEXAS / SAN ANTONIO (781782)
240	024100000000	Demolition in ceiling, concealed life grid system	0.02	S.F.	\$0.06	\$0.72	\$0.00	\$0.78	\$4.40	\$72.80	\$0.00	\$87.20	\$0.07	\$1.12	\$0.00	\$1.19	\$6.80	\$269.80	\$0.00	\$285.60	TEXAS / SAN ANTONIO (781782)
1	23348100220	Provide and install (3) 180-volt circuit breakers, (3) 30-amp disconnects, electrical for variable frequency drives, (3) power feeders and (3) motor connections.	0	Ea.	\$7,400.00	\$25,966.00	\$800.00	\$44,866.00	\$7,400.00	\$25,966.00	\$800.00	\$44,866.00	\$7,400.00	\$25,966.00	\$800.00	\$44,866.00	\$7,400.00	\$25,966.00	\$800.00	\$44,866.00	TEXAS / SAN ANTONIO (781782)
1	23092310010	Control components/DDC system, install into existing front end & update graphics/sequences, install & measure static pressure differential between mechanical room & corresponding space.	0	Ea.	\$8,000.50	\$3,675.00	\$0.00	\$21,675.50	\$8,000.50	\$3,675.00	\$0.00	\$21,675.50	\$8,000.50	\$3,675.00	\$0.00	\$21,675.50	\$8,000.50	\$3,675.00	\$0.00	\$21,675.50	TEXAS / SAN ANTONIO (781782)

Notes & Exclusions: Code violations that are existing or unforeseen. Any devices not matching the provided specs will not be replaced. A quote will be provided for customer approval. Electrical/controls. Test and balance. 120VAC power to control panels. 3rd Party Commissioning. Access panels, cutting, coring, patching, painting, demolition and abatement.

Service & Materials Subtotal	\$ 119,310.96
General Contractor's Markup on Subs	1.10%
Subtotal	\$ 119,549.39
General Conditions	0.00%
Subtotal	\$ 119,549.39
General Contractor's Coefficient	1.10%
Grand Total	\$ 120,864.43