

2007 Bond – Elementary Schools HVAC Upgrades Physical Education Facilities

Campus	Bid Package	Gross Sq.Ft.	Construction Cost
Canyon Ridge	A	10,428	\$ 550,000
Wilderness Oak	A	10,428	\$ 550,000
Bulverde Creek	B	9,690	\$ 500,000
Castle Hills	B	9,362	\$ 495,000
Hardy Oak	B	9,690	\$ 500,000
Huebner	B	9,335	\$ 490,000
Longs Creek	B	9,335	\$ 490,000
Olmos	B	10,212	\$ 540,000
Roan Forest	B	9,690	\$ 500,000
Royal Ridge	B	9,362	\$ 495,000
Steubing Ranch	B	9,690	\$ 500,000
Stone Oak	B	9,335	\$ 490,000
Wetmore	B	9,690	\$ 500,000
Encino Park	C	9,011	\$ 480,000
Fox Run	C	9,232	\$ 485,000
Hidden Forest	C	4,931	\$ 260,000
Montgomery	C	7,565	\$ 395,000
Northern Hills	C	5,226	\$ 280,000
Oak Meadow	C	9,230	\$ 485,000
Redland Oaks	C	9,236	\$ 485,000
Stahl	C	9,700	\$ 500,000
Thousand Oaks	C	9,550	\$ 500,000
Woodstone	C	8,627	\$ 455,000
TOTAL =	23	208,555	\$ 10,925,000

2007 Bond – Elementary School HVAC Upgrades Physical Education Facilities

Campus	Bid Package	Design	Bidding	Contract Award	Pre-Construction Services	Construction	Project or Bid Package Complete
Canyon Ridge	A	Jan 08 thru May 08	May 08 DOCC	May 08	Jun 08	Jun 08 thru Aug 08	Aug 08
Wilderness Oak	A						
Bulverde Creek	B	Mar 08 thru Oct 08	Oct 08 thru Dec 08	Dec 08	Dec 08 thru Jan 09	Feb 09 thru Apr 10	Apr 10
Castle Hills	B						
Hardy Oak	B						
Huebner	B						
Longs Creek	B						
Olmos	B						
Roan Forest	B						
Royal Ridge	B						
Steubing Ranch	B						
Stone Oak	B						
Wetmore	B						
Encino Park	C	Jul 08 thru Feb 09	Feb 09 thru Apr 09	Apr 09	Apr 09 thru May 09	Jun 09 thru Sep 10	Sep 10
Fox Run	C						
Hidden Forest	C						
Montgomery	C						
Northern Hills	C						
Oak Meadow	C						
Redland Oaks	C						
Stahl	C						
Thousand Oaks	C						
Woodstone	C						
TOTAL =	23						

Elementary Schools HVAC – Program Review

Bid Package III-B & IV-C (21 Campuses)

- Add new “stand alone” Heating Ventilating and Air Conditioning (HVAC) Systems to each of the Campus Gymnasiums
 - Rooftop Units (DX+), Duct Socks for Air Distribution & Digital Controls
 - Cap roof openings for supply & exhaust fans that are no longer required
- Replace Roll-Up Doors with Kal-Wall Translucent Wall Panels
- Add Large Ceiling Mounted Circulation Fans for Air Distribution
- Re-Lamp Light Fixtures (as required) to ensure light levels of at least 50 foot-candles at each gym
- Provide sprayed-on Acoustical Treatment at the Underside of the Roof Deck (as required) to improve the overall acoustics of the gymnasiums
- Provide Tectum Acoustical Wall Panels as needed to enhance the acoustics in the gymnasiums
- Paint existing wall surfaces, as required, to patch and repair any existing wall penetrations

Elementary Schools HVAC – Design Parameters

Bid Package II-A, III-B and IV-C

- Design Operating Conditions
 - Fall and Spring Months
 - Indoor Temperatures at Gymnasiums: 78° F db and 60% RH
 - Winter Months
 - Indoor Temperatures at Gymnasiums: 70° F db and 60% RH

Elementary Schools HVAC – Bid / Budget Review

2007 Bond Planning Estimate (Jan 07) for Project

Construction Estimate = \$10,925,000 or \$52.38 / sq.ft.

Construction Document Phase for Project

Board Approved

Construction Budget = \$11,384,583 or \$54.59 / sq.ft.

Bidding Phase for Project

Construction Manager – Alpha Building Corporation

Construction Bid = \$8,827,862.63 or \$42.33 / sq.ft.