

#### Citizens Bond Oversight Committee Quarterly Meeting November 10, 2014 5:00 pm, Mac Bernd Professional Development Center Room 804A

WELCOME & INTRODUCTIONS	Dan Malone CBOC Chairperson
ELECTION OF CBOC SECRETARY	Dan Malone
2014-15 BOND PROGRAM PROGRES	SS REPORT Cindy Powell, Chief Financial Officer Bob Carlisle, Executive Director of Plant Services Chad Branum, Assistant Superintendent of Technology James Smith, Security Manager Tim Collins, Interim Director of Transportation
PROCUREMENT METHODS	Anthony Drollinger. Executive Director of Finance
TECHNOLOGY DEMONSTRATION Tech-KNOW Update	Chad Branum Assistant Superintendent of Technology
OTHER BUSINESS	Dan Malone

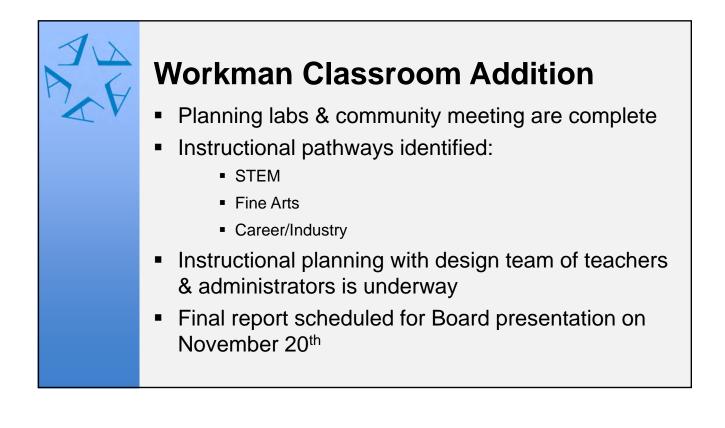
## 2014 Bond Program Progress Report

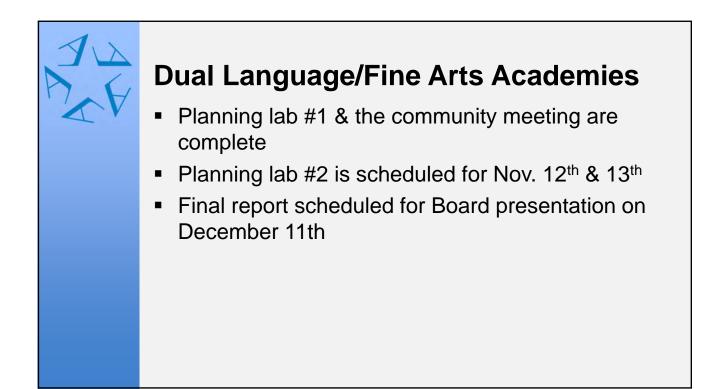
November 10, 2014



# Educational Specifications

- Definition:
  - describe the current & future educational activities that a school facility should accommodate
  - provide a written communication from the owner to the architect
  - illustrate the goals & outcomes, activities to be conducted, persons to be served, spatial relationships of program areas, equipment needs, technology needs and any special considerations







## **Career / Tech Center**

Date	Event
Sept. 3	Plan-for-Planning
Sept. 23	Workforce Meeting
Sept. 29 – Oct. 31	Student Survey
Oct. 23 – 24	Staff Interviews
Nov. 6 – 7	Planning Lab #1
Nov. 19	Community Meeting
Dec. 10 - 11	Planning Lab #2
Jan. 15	Report to Board
Jan. 16	Repurpose CTE Spaces at High Schools

## Program Design

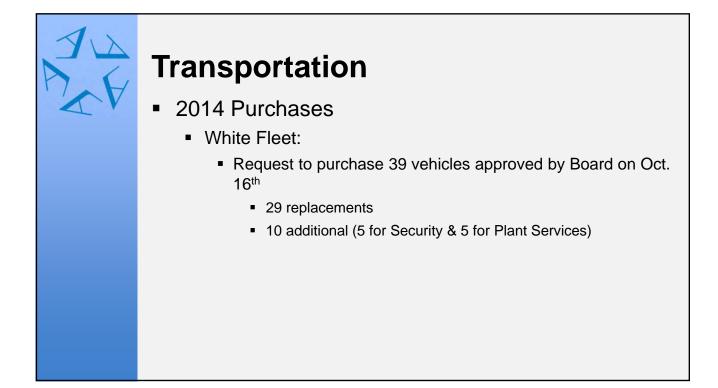
- Multi-purpose activity centers
  - Architects held 220 interviews with coaches and fine arts directors to take input on facility needs
  - Data will be compiled and used to develop schematic design



## **Transition Planning**

#### Boundaries for Corey, Moore, Wood

- Will affect incoming kindergarten students for 2015-16 school year
- Recommendation presented to Board of Trustees on November 6th

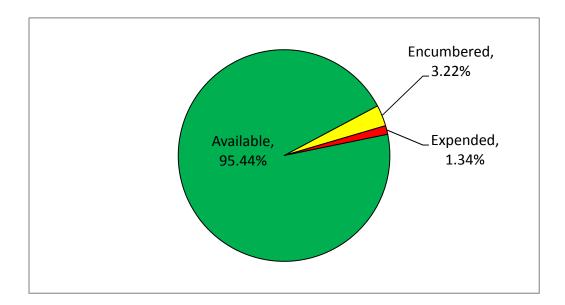


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Arlington Independed School District Bond Fund 640 Project Status Report For the Period Ending September 30, 2014

Funds available from:	
Net proceeds from sale of bonds	\$ 177,704,411.00
Interest through 09/30/14	 14,012.34
Total Funds	\$ 177,718,423.34
Total Funds Encumbered Expended	\$ 177,718,423.34 (5,720,857.75) (2,384,107.11)
Available Funds	 169,613,458.48



#### Arlington Independed School District Bond Fund 640 Project Status Report For the Period Ending September 30, 2014

School Name Agricultural Science Facility Anderson ES Arlington HS Arlington HS Ashworth ES Athletic Complex Bebensee ES Beckham ES Blanton ES Boles JH Bowie HS Bryant ES Burgin ES Career & Technical Ctr Corey ES Corey ES Crouch ES Crow ES Ditto ES Duff ES Ellis ES Farrell ES Ferguson JH Fine Arts Center Fitzgerald ES Foster ES Hale ES Knox ES Kooken Ed Ctr Lamar HS Lamar HS Larson ES Little ES Martin HS Martin HS Miller ES Moore ES Morton ES New ES at Baird Farm New ES at Workman Nichols JH Ousley JH Pearcy ES Prof Dev Center Remynse ES Roquemore ES Roquemore ES Sam Houston HS Sam Houston HS Seguin HS Sherrod ES South Davis ES Starrett ES Thornton ES

Project Description	<b>Budget</b>
Agricultural Science Facility	\$ 387,500.0
Condition deficiencies/Life cycle replacements	104,725.0
Condition deficiencies/Life cycle replacements	1,984,255.0
Multi-purpose Activity Center	1,550,000.0
Condition deficiencies/Life cycle replacements	104,754.0
Land	2,500,000.0
Condition deficiencies/Life cycle replacements	561,657.0
Condition deficiencies/Life cycle replacements	104,708.0
Condition deficiencies/Life cycle replacements	204,713.0
Special Ed Alt Curriculum Center	6,500,000.0
Multi-purpose Activity Center	1,550,000.0
Condition deficiencies/Life cycle replacements	104,708.0
Condition deficiencies/Life cycle replacements	104,708.0
New Career and Technical Center	7,383,500.0
Condition deficiencies/Life cycle replacements	1,974,917.0
Repurpose for Fine Arts/Dual Language Academy	7,000,000.0
Condition deficiencies/Life cycle replacements	368,474.0
Condition deficiencies/Life cycle replacements	104,708.0
Condition deficiencies/Life cycle replacements	54,706.0
Condition deficiencies/Life cycle replacements	424,115.0
Condition deficiencies/Life cycle replacements	255,102.0
Condition deficiencies/Life cycle replacements	291,742.0
Condition deficiencies/Life cycle replacements	2,722,889.0
Land	2,500,000.0
Condition deficiencies/Life cycle replacements	615,244.0
Condition deficiencies/Life cycle replacements	542,129.0
Condition deficiencies/Life cycle replacements	104,708.0
Condition deficiencies/Life cycle replacements	875,666.0
Condition deficiencies/Life cycle replacements	254,715.0
Baseball field improvement	463,881.0
Multi-purpose Activity Center	1,550,000.0
Condition deficiencies/Life cycle replacements	104,708.0
Condition deficiencies/Life cycle replacements	273,330.0
Condition deficiencies/Life cycle replacements	2,026,749.0
Multi-purpose Activity Center	1,550,000.0
Condition deficiencies/Life cycle replacements	393,771.0
Condition deficiencies/Life cycle replacements	317,444.0
Condition deficiencies/Life cycle replacements	611,497.0
New Elementary School	24,000,000.0
New Elementary School	24,000,000.0
Condition deficiencies/Life cycle replacements	655,259.0
Condition deficiencies/Life cycle replacements	4,537,226.0
Condition deficiencies/Life cycle replacements	104,708.0
Condition deficiencies/Life cycle replacements	73,782.0
Condition deficiencies/Life cycle replacements	354,719.0
Condition deficiencies/Life cycle replacements	4,078,413.0
Repurpose for Fine Arts/Dual Language Academy	7,000,000.0
Condition deficiencies/Life cycle replacements	1,769,431.0
Multi-purpose Activity Center	1,550,000.0
Multi-purpose Activity Center	1,550,000.0
Condition deficiencies/Life cycle replacements	559,848.0
Condition deficiencies/Life cycle replacements	620,425.0
Condition deficiencies/Life cycle replacements	292,171.0
Condition deficiencies/Life cycle replacements	596,265.0

<u>Budget</u>	Encumbrance	<b>Expenditures</b>	<u>Balance</u>
387,500.00	\$-	\$-	\$ 387,500.00
104,725.00	-	-	104,725.00
1,984,255.00	-	-	1,984,255.00
1,550,000.00	-	-	1,550,000.00
104,754.00	-	-	104,754.00
2,500,000.00	-	-	2,500,000.00
561,657.00	-	-	561,657.00
104,708.00	-	-	104,708.00
204,713.00	-	-	204,713.00
6,500,000.00	-	-	6,500,000.00
1,550,000.00	-	-	1,550,000.00
104,708.00	-	-	104,708.00
104,708.00	-	-	104,708.00
7,383,500.00	4,050.00	-	7,379,450.00
1,974,917.00	-	-	1,974,917.00
7,000,000.00	_	_	7,000,000.00
368,474.00	_	_	368,474.00
104,708.00			104,708.00
54,706.00	-	-	54,706.00
424,115.00	-	-	424,115.00
	-	-	
255,102.00	-	-	255,102.00
291,742.00	-	-	291,742.00
2,722,889.00	-	-	2,722,889.00
2,500,000.00	-	-	2,500,000.00
615,244.00	-	-	615,244.00
542,129.00	-	-	542,129.00
104,708.00	-	-	104,708.00
875,666.00	-	-	875,666.00
254,715.00	-	-	254,715.00
463,881.00	-	-	463,881.00
1,550,000.00	-	-	1,550,000.00
104,708.00	-	-	104,708.00
273,330.00	-	-	273,330.00
2,026,749.00	-	-	2,026,749.00
1,550,000.00	-	-	1,550,000.00
393,771.00	-	-	393,771.00
317,444.00	-	-	317,444.00
611,497.00	59,587.00	-	551,910.00
24,000,000.00	-	-	24,000,000.00
24,000,000.00	-	-	24,000,000.00
655,259.00	-	-	655,259.00
4,537,226.00	-	-	4,537,226.00
104,708.00	-	-	104,708.00
73,782.00	-	-	73,782.00
354,719.00	-	-	354,719.00
4,078,413.00	-	-	4,078,413.00
7,000,000.00	-	-	7,000,000.00
1,769,431.00	-	-	1,769,431.00
1,550,000.00	-	-	1,550,000.00
1,550,000.00	-	-	1,550,000.00
559,848.00	-	-	559,848.00
620,425.00	-	-	620,425.00
292,171.00	-	-	292,171.00
596,265.00	-	-	596,265.00

#### Arlington Independed School District Bond Fund 640 Project Status Report For the Period Ending September 30, 2014

School Name	Project Description	Budget	Encumbrance	Expenditures	Balance
Turning Point JH	Condition deficiencies/Life cycle replacements	358,210.00	-	-	358,210.00
West ES	Condition deficiencies/Life cycle replacements	104,708.00	-	-	104,708.00
Williams ES	Condition deficiencies/Life cycle replacements	282,684.00	-	-	282,684.00
Wood ES	Condition deficiencies/Life cycle replacements	288,004.00	-	-	288,004.00
Workman JH	Classroom Addition/Softball Complex	7,229,890.00	-	-	7,229,890.00
Workman JH	Condition deficiencies/Life cycle replacements	4,642,515.00	-	-	4,642,515.00
Fine Arts		1,863,723.00	-	-	1,863,723.00
Technology		19,974,848.00	1,936,599.75	999,696.11	17,038,552.14
Transportation		5,276,016.00	3,720,621.00	-	1,555,395.00
Contingency for Project Accel	eration	16,031,432.00	-	-	16,031,432.00
	Subtotal Scheduled Projects	176,320,000.00	5,720,857.75	999,696.11	169,599,446.14

**Other Projects:** 

Subtotal Other Projects - - -

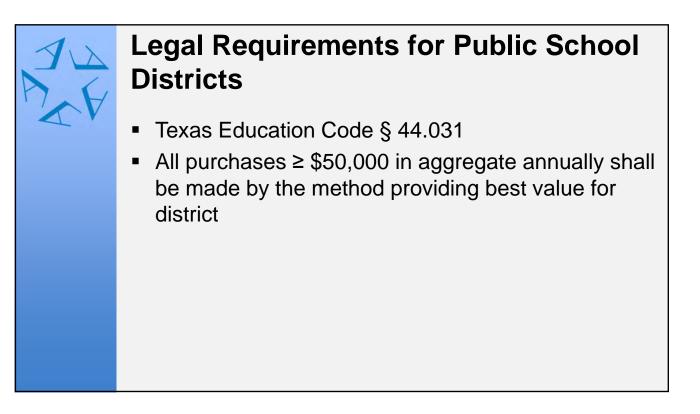
Total \$ 176,320,000.00 \$ 5,720,857.75 \$ 999,696.11 \$ 169,599,446.14

 Bond Issuance Costs
 (1,384,411.00)

 Interest and Additional Proceeds
 1,398,423.34

 Total Available Funds
 \$ 169,613,458.48





## Legal Requirements for Public School Districts (Continued)

- Must use prescribed procurement method providing best value to District:
  - Competitive Bidding
  - Competitive Sealed Proposal/Request for Proposals (other than for construction services)
  - Interlocal Contract
  - Design/Build Contract
  - Construction Manager
  - Job Order Contract
  - Reverse Auction Procedure
  - Formation of Political Subdivision Corporation



## Legal Requirements for Public School Districts (Continued)

- Must use the following selection criteria to award contracts:
  - Purchase price
  - Reputation of vendor and the vendor's goods or services
  - Quality of the vendor's goods or services
  - Extent to which goods or services meet District's needs
  - Vendor's past relationship with District
  - Impact on the ability of the District to comply with laws and rules relating to historically underutilized businesses
  - Total long term cost to District
  - Any other relevant factor specifically listed in the request for bids or proposals

## **Exceptions in Law**

- Produce
- Vehicle Fuel
- Professional Services
- Emergency purchases
- Department of Information Resources (DIR)
- Single/Sole Source
  - Patent, copyright, secret process or monopoly
  - Utilities
  - Captive replacement part or component for equipment

## **Procurement of Construction Services**

- TEC § 44.035 through § 44.041
- Board must determine method that provides best value
- Based on same selection criteria as other contracts
- Must publish the criteria and weights in bid/RFP/ RFQ



- Requires separate design professional
- Requires separate General Contractor



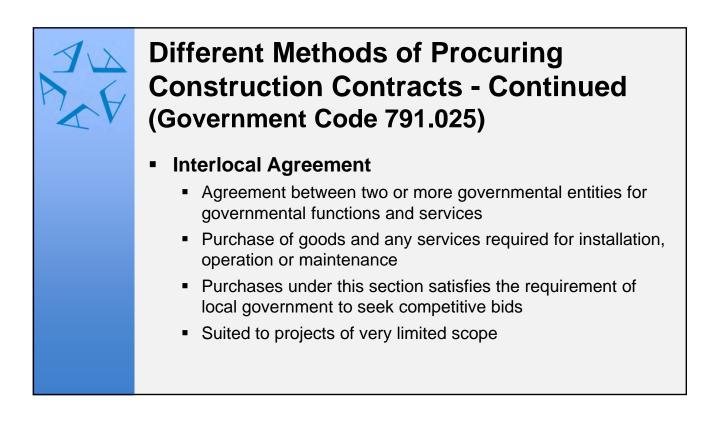
### Different Methods of Procuring Construction Contracts - Continued (TEC 44.036-041)

- Construction Manager at Risk Assumes risk for construction at GMP and provides consultation during and after design.
  - Requires separate design professional.
  - Serves as General Contractor
  - Assumes risk for construction Guaranteed Maximum Price (GMP)
  - Consults during design phase (cost, constructability, sequencing/scheduling, efficient material selection, etc.)
  - Solicits competitive proposals for sub-contractors and suppliers
  - Submits GMP that includes the cost of ALL work
  - Recruits and mentors both minority and small sub-contractors and suppliers
- Competitive Sealed Proposal District selects bidder representing best value based on published selection criteria, including price, and negotiates contract or moves to next bidder. Requires separate design professional.

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## Different Methods of Procuring Construction Contracts - Continued (TEC 44.036-041)

- Competitive Bidding District awards bid contract at the bid amount to bidder representing best value based on published selection criteria. Requires separate design professional.
- Job Order Contracts Minor construction contracts, awarded based on pre-described and pre-priced tasks. Requires separate design professional, if design documents are needed.



## **AISD Procedures**

- Advertise in FW Commercial Recorder
- Post on website
- Electronic delivery to vendors on file with AISD submitting AISD Vendor Application for that category



## Ways to find Opportunities for Business with AISD

- AISD website for Purchasing
- Links to AISD bids from Arlington Chamber of Commerce and City of Arlington
- On-line Vendor Application
- Outreach at local vendor fairs



Meeting Date: August 21, 2014

**Consent Item** 

**Subject**: Selection of Methods of Procurement for Phase 1 and Phase 2 Projects of the 2014 Bond Program

**<u>Purpose</u>**: Select the Methods of Procurement for Phase 1 and Phase 2 Projects of the 2014 Bond Program

**Background:** Board Policy CV (Local) states that "the Board shall determine the project delivery/contract award method to be used for each construction contract valued at or above \$50,000. To assist the Board, the Superintendent shall recommend the project delivery/contract award method that he or she determines provides the best value to the District."

Arlington ISD voters approved a bond proposition in the amount of \$663,130,000 on May 10, 2014. The amount of the bond proposition was based on recommendations made by a Capital Needs Steering Committee appointed by the Board and charged with the task of recommending prioritized facility and identified capital needs through 2019. The committee recommended that bonds be sold to provide for construction and equipment of school buildings; site acquisition; fine arts equipment and uniforms; safety, security and technology improvements; and buses and white fleet vehicles.

Twenty-one construction projects are scheduled for phases 1 and 2 of the 2014 bond program. Attached is a memo providing an overview of construction procurement methods and recommending the procurement methods that provide the best value for each of the 21 projects.

**<u>Recommendation</u>**: The Administration recommends the approval of the methods of procurement as submitted.

Submitted to:	Submitted by:
Board of Trustees	
Arlington Independent School District	Prepared by: Bob Carlisle
	Date: August 13, 2014



#### MEMORANDUM

TO:	Cindy Powell, Chief Financial Officer
FROM:	Bob Carlisle, Executive Director of Plant Services
DATE:	August 6, 2014
SUBJECT:	2014 Bond Program, Phase 1 & 2 Construction Methods of Procurement

State law sets forth eight procurement methods that governmental entities, including school districts, can use to procure construction services. As summarized in Board Policy CV (LEGAL), the law requires all district construction contracts valued at \$50,000 or more in the aggregate for each 12 month period to be made by the method that provides the best value to the district, and the Board must declare the procurement method to be used for each project. The two methods used most commonly statewide are Competitive Sealed Proposal and Construction Manager at Risk. Following is a discussion of these procurement methods and recommendations for the procurement method to be used for the construction projects in phases 1 and 2 of the bond program.

#### **Competitive Sealed Proposal (CSP)**

CSP is a delivery method similar to competitive bidding in that the District selects an Architect/Engineer to design the project. Once the construction documents are fully completed, the District solicits proposals from contractors to perform the work. Selection is generally based on a combination of price and other factors that the District deems in its best interest, such as project team personnel, schedule, contractors past experience, etc.

#### HOW DOES CSP WORK?

- The District selects an architect to design the project.
- The District establishes criteria to qualify the General Contractor. This criterion shall be weighted and may include price, similar experience, staff experience, safety record and other items deemed necessary.
- After construction documents are completed, the District solicits and receives lump sum proposals.
- Selection of the General Contractor is not only based on low price but also on the qualifications criteria.
- The District and its architect may negotiate options for scope and time modifications with the selected General Contractor.

- Upon completion of the project any project savings are retained by the General Contractor.
- Financial records are not available for audit by the district.

#### **Advantages of CSP**

- Aggressive, competitive pricing can be received with the ability to consider the general contractor qualifications.
- Flexibility in contractor selection
- Allows negotiation for scope and time modifications
- Allows award based on value rather than price alone through the evaluation process

#### **Disadvantages of CSP**

- Linear process means longer schedule
- No formal design or budget input from contractor prior to proposal
- Not well suited for complex projects that are sequence and schedule sensitive
- Price is not established until design is complete
- Potential adversarial relationship
- Project savings are retained by the contractor

#### Construction Management at Risk (CMR)

CMR is a delivery method wherein the Construction Manager at Risk serves as the General Contractor assuming the risk for construction guaranteed price and provides design phase consultation in evaluating costs, schedule, implications of alternative designs and systems and materials during and after design of the facility.

#### HOW DOES CMR WORK?

- The District selects the architect to design the project.
- The District selects the CMR based on qualifications, fee and general conditions (project overhead) pricing.
- The CMR serves as general contractor, assuming the risk for construction at a Guaranteed Maximum Price (GMP)
- The CMR provides design phase services in evaluating cost, constructability, sequencing/ scheduling and efficient material selection.
- The CMR solicits and receives competitive sub-contract and supplies proposals. These proposals are analyzed to ensure that they included required scope and the offeror meets qualification standards. The district is represented during this process.
- The CMR submits a Guaranteed Maximum Price (GMP). The GMP includes the cost of the work (all sub-contracts, supply contracts, CMR fee and general conditions). Unless there are changes in project scope the CMR is bound by the GMP and the District has no potential increases in price.
- CMR recruits and mentors both minority and small sub-contractors and suppliers.

- Upon project completion, the CMR reconciles the cost of work and returns any savings to the District.
- The CMR makes all project financial records available to the District, in the event that the District requires an audit of the project costs.

#### Advantages of CMR

- Team Concept
- Enables fast-track delivery (construction can begin before design is complete), saving time
- Highly competitive pricing from sub-contractors and suppliers while ensuring the quality of the offeror and accuracy of that pricing
- Early coordination between CMR, architect and District eliminates/minimizes the possibility of costly change orders during construction.
- The CMR has an intimate knowledge of the project prior to the commencement of construction.
- The CMR has developed and organized phasing and scheduling as the project is developed to ensure minimal disruptions to school environment. Well suited for complex projects that are sequence and schedule sensitive
- CMR provides complete transparency throughout the process. Financial records are available to the district.

#### **Disadvantages of CMR**

• Pricing may not be as competitive as other methods.

Recent projects in the DFGW area indicate there is a wide variance in the cost per square foot of educational facilities procured using both CSP and CMR:

- Frisco ISD ES CSP \$185.95/SF CSP Contract awarded 4/18/13
- Coppell ISD ES CMR \$213.86/SF GMP approved 9/8/27/13
- Denton ISD ES CMR \$212.48/SF GMP approved 9/5/13
- Frisco ISD ES CMR \$205.59/SF GMP approved 9/15/13
- Lewisville ISD ES CSP \$242.83/SF CSP Contract awarded 9/26/13
- Arlington ISD ES CMR \$168.16/SF GMP approved 6/26/14

This District's most recent project listed above was approved approximately one year after the others and was over \$17.00/SF less than the nearest project. Additionally, the prices quoted above were at the beginning of the projects (i.e., preliminary construction estimates) and do not reflect change orders that might have been approved during construction (CSP) or final reconciliation credits (CMR).

This District has demonstrated with its CMR projects that by managing the programming, design development and acquiring accurate progress estimates, costs can be held in line with budgets.

Additionally, the CMR process encourages collaboration and demands accountability. The teams (owner, architect and CMR) that have assembled for previous Arlington ISD CMR projects have continually proven the value of CMR by delivering high quality, best value projects on time and under budget.

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#### Procurement Method Recommendation for Bond 2014 Phase 1 and Phase 2 Projects:

Listed below are all 2014 Bond Program Phase 1 and Phase 2 Projects and the recommended construction procurement method for each project:

#### **Construction Manager-at Risk Recommendation**

These projects are complex, sequence/schedule sensitive and may need fast-track delivery of critical portions of the scope of work:

#### **Phase 1 Projects:**

P1-1Ferguson JHS Condition Renovations, Project Budget \$2,722,889

- P1-2 Ousley JHS Condition Renovations, Project Budget \$4,537,226
- P1-3 Workman JHS Condition Renovations and Additions, Project Budget \$11,872,405
- P1-4 Roquemore ES Condition and Fine Arts/Dual Language Academy Renovations, Project
- P1-5 Boles JHS Condition and Special Needs Renovations, Project Budget \$6,500,000

Corey ES Condition and Fine Arts/Dual Language Academy Renovations, Project Budget \$8,974,917

- P1-7 New Elementary School (Baird Farm Road Site) Project Budget \$24,000,000
- P1-8 Career and Technology Center, Project Budget \$46,253,500

P1-9 Multi-Purpose Activity Centers at Arlington HS, Bowie HS, Lamar HS, Martin HS, Sam Houston HS, Seguin HS, Project Budget \$60,000,000

P1-10 Professional Development Center Condition Renovations, Project Budget \$742,220

#### **Phase 2 Projects:**

P2-1Duff ES Condition Renovations, Project Budget \$2,967,033

P2-2 ES Science Labs, Strings Room and Security Vestibules at

Anderson ES, Project Budget \$402,960.00 Ashworth ES, Project Budget \$402,989.00 Beckham ES, Project Budget \$402,943.00 Blanton ES, Project Budget \$502,948 Bryant ES, Project Budget \$402,943 Crow ES, Project Budget \$402,943 Ditto ES, Project Budget \$402,943 Ditto ES, Project Budget \$352,941 Lynn Hale ES, Project Budget \$402,943 Kooken ES, Project Budget \$552,950 Larson ES, Project Budget \$402,943 Pearcy ES, Project Budget \$402,943 Remynse ES, Project Budget \$402,943 West ES, Project Budget \$402,943

P2-3 Farrell ES Condition Renovations, Project Budget \$2,723,306
Starrett ES Condition Renovations, Project Budget \$2,727,587
P2-4 Foster ES Condition Renovations, Project Budget \$4807,179
Mary Moore ES Condition Renovations, Project Budget \$2,980,321
Wood ES Condition Renovations, Project Budget \$2,330,921
P2-5 Bebensee ES Condition Renovations, Project Budget \$5,422,450
Fitzgerald ES Condition Renovations, Project Budget \$5,260,818
Williams ES Condition Renovations, Project Budget \$2,582,718
P2-6 Nichols JHS Condition Renovations, Project Budget \$6,552,586
Turning Point JHS Condition Renovations, Project Budget \$ 2,276,602
Ellis ES Condition Renovations, Project Budget \$2,356,903
Sherrod ES Condition Renovations, Project Budget \$4,954,358
P2-7 Arlington HS Condition Renovations, Project Budget \$11,884,220
Morton ES Condition Renovations, Project Budget \$5,130,853
South Davis ES Condition Renovations, Project budget \$4,700,130
P2-8 Martin HS Condition Renovations, Project Budget \$17,256,162
Little ES Condition Renovations, Project Budget \$2,539,599
Miller ES Condition Renovations, Project Budget \$3,593,599
P2-9 Sam Houston HS Condition Renovations, Project Budget \$14,350,967
Crouch ES Condition Renovations, Project Budget \$3,490,621
Knox ES Condition Renovations, Project Budget \$5,772,537
Thornton ES Condition Renovations, Project Budget \$5,131,031

#### **Competitive Sealed Proposal Recommendation**

These projects are typical new construction with ample time to complete. CSP should provide best value to the District:

P1-6 New Elementary School (Workman Site), Project Budget \$24,000,000 P2-10 Agricultural Science Facility, Project Budget \$2,500,000

#### **Interlocal Agreement Recommendation**

With the limited scope and the ability to procure through the BuyBoard and complete by the beginning of the next baseball season, Interlocal Agreement provides the best value to the District:

P1-11 Baseball Field Lighting and Bleachers, Project Budget \$463,881