



## MORE THAN ARCHITECTS

Mike Niemeyer  
Channelview ISD  
828 Sheldon Rd  
Channelview, TX 77530

March 17, 2020

Re: Approval of Schematic Design Phase Services  
Project Name: Alice Johnson Renovations  
Project Number: 1808-02-01

Dear Mr. Niemeyer,

Based on your approval of the Design Development deliverable reviewed and approved by the board on 1/14/2020 and reviewed by your staff on 3/15/2020 we are proceeding to the Construction Document Phase for the projects listed above. This is an important milestone, so we'd like to review our understanding of some important items that will be the basis of our Design Development work.

You have approved all the project meeting minutes we've sent you to date as the Owner's Designated Representative and we should address the following comments regarding the approved Schematic Design scope:

- No comments

Attached is an opinion of probable cost for the base bid scope of the approved Schematic Design. The estimated cost is \$11,909,796.00, compared to the budget of \$11,658,713.00 including escalated costs, placing the project over budget at this time. Some actions that can be taken to bring the project back into budget are;

- Reduce the additional carpet requested in the library, and administrative areas.
- Remove additional parking requested.
- Accept the alternate roofing suggestion, which would bring the project within budget.

At this time the following alternates are being considered.

- Replace (2) Air Cooled Chillers and Pump Towers
- Replace Asphalt Parking Lots with Concrete Pavement
- Remove Lockers at Corridors and apply a finish to the walls.
- Addition of New Exhaust Fans

Design Development approval was originally scheduled to occur on March 17<sup>th</sup> 2019 therefore the project is on schedule at this time.

Some items still needed from the district include the additional bores for the Geotech report to finalize the design of structural systems in the band hall.

We are proceeding into Construction Documents based on our understanding of the District's approvals and intent as stated above. Please verify this information is correct and notify us immediately if it is not. If we

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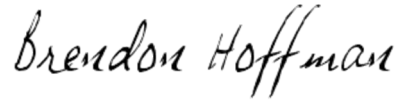
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Project Name: Alice Johnson Renovation,  
Project Number: 1808-02-01

Owner: Channelview ISD  
Date: December 17, 2019

receive notice of corrections related to any of the information provided above beyond 5 business days after you receive this letter, there may be costs and delays associated with that correction.

Sincerely,

A handwritten signature in black ink that reads "Brendon Hoffman". The signature is written in a cursive, slightly slanted style.

Brendon Hoffman  
Principal

Enclosure: Opinion of Probable Cost, Executive Schedule Summary

Signature: \_\_\_\_\_  
(Mike Niemeyer)

Date: \_\_\_\_\_



# MORE THAN ARCHITECTS

## PROJECT SCHEDULE

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Revised On: March 17, 2020

Project Number: 1808-02-01

Version #: 1.01

Project: Alice Johnson Renovation

Owner: Channelview ISD

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<b>Schematic Design (SD) Phase (86 Business Days)</b>	<b>August 19<sup>th</sup> – December 17<sup>th</sup></b>
50% SD .....	10/30/2019
100% SD / Execute Phase Letter .....	12/17/2019
<b>Design Development (DD) Phase (38 Business Days)</b>	<b>December 18<sup>th</sup> – March 17<sup>th</sup></b>
50% DD Page Turn with Owner .....	2/05/2020
100% Progress Drawings and Specs .....	2/12/2020
100% DD Page Turn with Owner .....	2/26/2020
Execute Phase Letter Issued to Owner .....	3/17/2020
<b>Construction Documents (CD) (45 Business Days)</b>	<b>March 17<sup>th</sup> – May 18<sup>th</sup></b>
50% Page Turn with Owner .....	4/10/2020
100% Submission to Huckabee QC and Final owner Review .....	5/1/2020
100% Sign and Seal / Execute Phase Letter .....	5/18/2020
<b>Bidding Negotiations and Award (41 Business Days)</b>	<b>May 18<sup>th</sup> – September 20<sup>th</sup></b>
Advertisements .....	7/28/2020
Addendum Period .....	7/28/2020 – 8/14/2020
Receive Proposal .....	8/25/2020
GMP Preparation .....	9/4/2020 – 9/14/2020
Board Award .....	9/20/2020
<b>Construction Administration (329 Days)</b>	<b>September 2020 – December 2021</b>
Notice to Proceed .....	9/22/2020
Substantial Completion .....	12/3/2021

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**Channelview ISD**  
**Opinion Of Probable Cost**  
**Alice Johnson Jr. High School**

Huckabee

Date

<b>Project Information:</b>									
Client:	Channelview ISD	Principal:	SD	Building Area: (Footprint)		147,000	Geographic Factor=		1.00
Project:	Alice Johnson Jr. High School	Assoc. Prin.:	0	Building Area: (Total Square Feet)		200,000	Cost Escalation factor=		1.03
Project #:	1808-02-01	Estimator:	0	Site (acres): gross		0	Design Contingency Factor=		1.02
Phase:	Design Development	Capacity:	0	Number of Floors:		2	Construction Budget:		\$11,658,713
Bid Date:	44071			CSP or CMAr			Project Budget:		\$0

**SUMMARY**

<b>Construction</b>										
DIV	DESCRIPTION	COMMENT	QUANTITY	UNIT	UNIT PRICE	CD AMOUNT	COST / SF	% OF TOT	SCOPE INCREASE	SD ESTIMATE
00	Procurement and Contracting Requirements					\$ 1,574,455	\$ 7.87	13%	\$ 443,349	\$ 1,131,106
01	General Requirements					\$ 600,418	\$ 3.00	5%	\$ 309,587	\$ 290,831
02	Existing Conditions					\$ 342,924	\$ 1.71	3%	\$ 143,600	\$ 199,324
03	Concrete					\$ 210,440	\$ 1.05	2%	\$ 77,928	\$ 132,513
04	Masonry					\$ 251,159	\$ 1.26	2%	\$ 79,981	\$ 171,178
05	Metals					\$ 81,527	\$ 0.41	1%	\$ (51,543)	\$ 133,070
06	Woods, Plastics and Composites					\$ 11,399	\$ 0.06	0%	\$ (224)	\$ 11,623
07	Thermal & Moisture Protection					\$ 1,783,824	\$ 8.92	15%	\$ (1,206,760)	\$ 2,990,584
08	Openings					\$ 129,697	\$ 0.65	1%	\$ 32,753	\$ 96,944
09	Finishes					\$ 2,193,163	\$ 10.97	18%	\$ 689,948	\$ 1,503,215
10	Specialties					\$ 606,722	\$ 3.03	5%	\$ (16,288)	\$ 623,010
11	Equipment					\$ -	\$ -	0%	\$ -	\$ -
12	Furnishings					\$ 118,193	\$ 0.59	1%	\$ (4,192)	\$ 122,385
13	Special Construction					\$ -	\$ -	0%	\$ (10,712)	\$ 10,712
14	Conveying Equipment					\$ -	\$ -	0%	\$ -	\$ -
21	Fire Suppression					\$ -	\$ -	0%	\$ -	\$ -
22	Plumbing					\$ 183,855	\$ 0.92	2%	\$ (3,605)	\$ 187,460
23	Heating, Ventilating and Air-Conditioning					\$ 2,015,051	\$ 10.08	17%	\$ (39,511)	\$ 2,054,562
26	Electrical					\$ 157,590	\$ 0.79	1%	\$ (3,090)	\$ 160,680
27	Communications					\$ 320,433	\$ 1.60	3%	\$ (6,283)	\$ 326,716
28	Electronic Safety and Security					\$ 325,686	\$ 1.63	3%	\$ (6,386)	\$ 332,072
31	Earthwork					\$ 39,765	\$ 0.20	0%	\$ (780)	\$ 40,545
32	Exterior Improvements					\$ 722,962	\$ 3.61	6%	\$ (108,750)	\$ 831,712
33	Utilities					\$ 240,535	\$ 1.20	2%	\$ (99,571)	\$ 340,106
<b>Construction Subtotal:</b>						<b>\$ 11,909,796</b>	<b>\$ 59.55</b>			<b>\$ 11,690,345</b>
<b>Construction Total - Base Proposal:</b>						<b>\$ 11,909,796</b>	<b>\$ 59.55</b>			<b>Construction Budget: \$11,658,713</b>

<b>Alternates - Including General Conditions &amp; Fee's</b>										
A1	Replace (2) Air Cooled Chillers and Pumps Towers					\$ 360,881	\$ 1.80	3%		\$ 353,496
A2	Replace Asphalt Parking Lots with Conc. Pavement					\$ 594,251	\$ 2.97	5%		\$ 582,090
A3	Remove Lockers at Corridors and Refinish					\$ 11,428	\$ 0.06	0%		\$ -
A4	New Exhaust Fans					\$ 54,132	\$ 0.27	0%		\$ -
A5						\$ -	\$ -	0%		\$ -
A6						\$ -	\$ -	0%		\$ -
A7						\$ -	\$ -	0%		\$ -
A8						\$ -	\$ -	0%		\$ -
A9						\$ -	\$ -	0%		\$ -
A10						\$ -	\$ -	0%		\$ -
A11						\$ -	\$ -	0%		\$ -
A12						\$ -	\$ -	0%		\$ -
A13						\$ -	\$ -	0%		\$ -
A14						\$ -	\$ -	0%		\$ -
A15						\$ -	\$ -	0%		\$ -
A16						\$ -	\$ -	0%		\$ -
A17						\$ -	\$ -	0%		\$ -
A18						\$ -	\$ -	0%		\$ -
A19						\$ -	\$ -	0%		\$ -
A20						\$ -	\$ -	0%		\$ -
<b>Alternate Subtotal:</b>						<b>\$ 1,020,692</b>	<b>\$ 5.10</b>			<b>\$ 935,586</b>
<b>Construction Total - Including Alternates:</b>						<b>\$ 12,930,488</b>	<b>\$ 64.65</b>			<b>Construction Budget: \$11,658,713</b>

<b>PROJECT TOTALS - INCLUDING ALTERNATES:</b>										
						#REF!	#REF!	Project Budget: \$0		
00	Procurement & Contracting Reqmts.									
00	General Conditions, Bonds and Insurance		8.00%	Perc.	\$ 10,335,341.32	\$ 826,827	\$ 4.13	7%		\$ 633,554
00	Contractor's Fee		4.50%	Perc.	\$ 10,335,341.32	\$ 465,090	\$ 2.33	4%		\$ 211,185
00	Contractor's Contingency		2.00%	Perc.	\$ 10,335,341.32	\$ 206,707	\$ 1.03	2%		\$ 211,185
00				Perc.	\$ 10,335,341.32	\$ -	\$ -	0%		\$ -
00				Perc.	\$ 10,335,341.32	\$ -	\$ -	0%		\$ -
00a						\$ 1,498,624	\$ 7.49	13%		\$ 1,055,924
01	General Requirements									
01 2100	Allowances				\$ -	\$ -	\$ -	0%		\$ -
1	Construction Contingency		1	LS	\$ 200,000.00	\$ 200,000	\$ 1.00	2%		\$ 200,000
1	Project Sign Allowance		1	LS	\$ 1,500.00	\$ 1,500	\$ 0.01	0%		\$ 1,500
01	Painted Graphics Allowance			LS	\$ 10,000.00	\$ -	\$ -	0%		\$ -
01	Playground Equipment			LS	\$ -	\$ -	\$ -	0%		\$ -
01	Electrical & Gas Service to Site Allowance			LS	\$ -	\$ -	\$ -	0%		\$ -
01	Off-Site Utilities and Access			LS	\$ -	\$ -	\$ -	0%		\$ -
01	Emergency Responder Radio		1	LS	\$ 300,000.00	\$ 300,000	\$ 1.50	3%		\$ -
01					\$ -	\$ -	\$ -	0%		\$ -
01 3514	LEED Certification Procedures			LS	\$ 0.15	\$ -	\$ -	0%		\$ -
01 8119	Microbial & IAQ Impact Observations		200,000	SF	\$ 0.35	\$ 70,000	\$ 0.35	1%		\$ 70,000
01a						\$ 571,500	\$ 2.86	5%		\$ 271,500
02	Existing Conditions									
02 4119	Selective Structure Demolition				\$ -	\$ -	\$ -	0%		\$ -

**Channelview ISD**  
**Opinion Of Probable Cost**  
**Alice Johnson Jr. High School**

Huckabee Date

<b>Project Information:</b>									
<b>Client:</b>	Channelview ISD	<b>Principal:</b>	SD	<b>Building Area: (Footprint)</b>		147,000	<b>Geographic Factor=</b>		1.00
<b>Project:</b>	Alice Johnson Jr. High School	<b>Assoc. Prin.:</b>	0	<b>Building Area: (Total Square Feet)</b>		200,000	<b>Cost Escalation factor=</b>		1.03
<b>Project #:</b>	1808-02-01	<b>Estimator:</b>	0	<b>Site (acres): gross</b>		0	<b>Design Contingency Factor=</b>		1.02
<b>Phase:</b>	Design Development	<b>Capacity:</b>	0	<b>Number of Floors:</b>		2	<b>Construction Budget:</b>		\$11,658,713
<b>Bid Date:</b>	44071			<b>CSP or CMaR</b>			<b>Project Budget:</b>		\$0

**SUMMARY**

Construction											
DIV	DESCRIPTION	COMMENT	QUANTITY	UNIT	UNIT PRICE	CD AMOUNT	COST / SF	% OF TOT	SCOPE INCREASE	SD ESTIMATE	
02	Interior Demolition for Renovation		165,755	SF	\$ 1.50	\$ 248,633	\$ 1.24	2%		\$ 12,500	
02	Total Structure Demolition			SF	\$ 5.50	\$ -	\$ -	0%		\$ -	
02	Pavement Removal	From	3,111	SY	\$ 25.00	\$ 77,775	\$ -	1%		\$ 173,575	
02				SF	\$ -	\$ -	\$ -	0%		\$ -	
02a						\$ 326,408	\$ 1.63	3%		\$ 186,075	
03	Concrete										
03 3000	Cast-in-Place Concrete				\$ -	\$ -	\$ -	0%		\$ -	
03	Concrete & Rebar (Structural Slab)			SF	\$ 25.00	\$ -	\$ -	0%		\$ -	
03	Concrete & Rebar (Slab on Grade)		3,100	SF	\$ 15.00	\$ 46,500	\$ 0.23	0%		\$ 46,500	
03	Concrete & Rebar (Struct. Slab on ACIP)			SF	\$ 20.00	\$ -	\$ -	0%		\$ -	
03	2nd Floor Slab (Composite Floor System)			SF	\$ 5.50	\$ -	\$ -	0%		\$ -	
03	2nd Floor Slab (Stl. Joist Floor System)			SF	\$ 5.50	\$ -	\$ -	0%		\$ -	
03	Concrete Forming		3,100	SF	\$ 0.55	\$ 1,705	\$ 0.01	0%		\$ 1,705	
03 3800	Post-Tensioned Concrete			SF	\$ 10.00	\$ -	\$ -	0%		\$ -	
03 4100	Pre-Cast Structural Concrete			SF	\$ -	\$ -	\$ -	0%		\$ -	
03 5113	Cementitious Wood Fiber Deck			SF	\$ -	\$ -	\$ -	0%		\$ -	
03 5200	Lightweight Concrete Roof		2,800	SF	\$ 5.00	\$ 14,000	\$ 0.07	0%		\$ 15,500	
03 5300	Concrete Topping			SF	\$ 4.50	\$ -	\$ -	0%		\$ -	
03				SF	\$ -	\$ -	\$ -	0%		\$ -	
31 6329	Drilled Piers		53	EA	\$ 2,600.00	\$ 137,800	\$ 0.69	1%		\$ 60,000	
	18"			LF	\$ 45.00	\$ -	\$ -	0%		\$ -	
	24"			LF	\$ 60.00	\$ -	\$ -	0%		\$ -	
31	Pier Casing	Geotech Rept.		LF	\$ -	\$ -	\$ -	0%		\$ -	
	18"			LF	\$ 55.00	\$ -	\$ -	0%		\$ -	
	24"			LF	\$ 72.50	\$ -	\$ -	0%		\$ -	
31 3700	Auger Cast Grout Piles			EA	\$ 650.00	\$ -	\$ -	0%		\$ -	
03	specialty concrete paving			SF	\$ 2,000.00	\$ -	\$ -	0%		\$ -	
32 1313	Concrete Paving	Civil		LS	\$ 228,500.00	\$ -	\$ -	0%		\$ -	
32	Curbs			LF	\$ 6.50	\$ -	\$ -	0%		\$ -	
32	Steps			SF	\$ 12.00	\$ -	\$ -	0%		\$ -	
32	ADA Ramps			EA	\$ 500.00	\$ -	\$ -	0%		\$ -	
					\$ -	\$ -	\$ -	0%		\$ -	
32 1715	Bollards		2	EA	\$ 150.00	\$ 300	\$ 0.00	0%		\$ -	
03a						\$ 200,305	\$ 1.00	2%		\$ 123,705	
04	Masonry										
04 0120.52	Unit Masonry Cleaning	04 2200			\$ -	\$ -	\$ -	0%		\$ -	
04 0500	Common Work Results for Masonry	04 2200			\$ 13.50	\$ -	\$ -	0%		\$ -	
04 0523.16	Embedded Masonry Flashing	04 2200			\$ 13.50	\$ -	\$ -	0%		\$ -	
04 2100	Clay Masonry Units			SF	\$ 13.50	\$ -	\$ -	0%		\$ -	
04 2200	Concrete Masonry Units				\$ -	\$ -	\$ -	0%		\$ -	
04	4" Interior CMU			SF	\$ 11.00	\$ -	\$ -	0%		\$ -	
04	6" Interior CMU			SF	\$ 13.00	\$ -	\$ -	0%		\$ -	
04	8" Interior CMU			SF	\$ 15.00	\$ -	\$ -	0%		\$ -	
04	10" Interior CMU			SF	\$ 16.00	\$ -	\$ -	0%		\$ -	
04	12" Interior CMU		1,475	SF	\$ 17.50	\$ 25,813	\$ 0.13	0%		\$ 26,550	
04	Ext-4" Brick- 2" Air- 6" Stud Backup			SF	\$ 31.00	\$ -	\$ -	0%		\$ -	
04	Ext-4" Split Face- 2" Air- 8" CMU Backup			SF	\$ 36.00	\$ -	\$ -	0%		\$ -	
04	Ext-4" Ground Face- 2" Air- 8" CMU Backup			SF	\$ 37.00	\$ -	\$ -	0%		\$ -	
04	Ext-4" CMU Veneer - 2" Air- 8" CMU Backup		3,250	SF	\$ 41.00	\$ 133,250	\$ 0.67	1%		\$ 133,250	
04				SF	\$ -	\$ -	\$ -	0%		\$ -	
04				SF	\$ -	\$ -	\$ -	0%		\$ -	
04	Brick Veneer		4,000	SF	\$ 20.00	\$ 80,000	\$ 0.40	1%		\$ -	
04				SF	\$ -	\$ -	\$ -	0%		\$ -	
04				SF	\$ -	\$ -	\$ -	0%		\$ -	
04				SF	\$ -	\$ -	\$ -	0%		\$ -	
04 2250	Concrete Stone Masonry Veneer			SF	\$ -	\$ -	\$ -	0%		\$ -	
04 2300	Glass Unit Masonry			SF	\$ 12.00	\$ -	\$ -	0%		\$ -	
04 7200	Cast Stone Masonry			LF	\$ 65.00	\$ -	\$ -	0%		\$ -	
04a						\$ 239,063	\$ 1.20	2%		\$ 159,800	
05	Metals										
05 1200	Structural Steel Framing - LOAD BEARING		3,100	SF	\$ 22.00	\$ 68,200	\$ 0.34	1%		\$ 68,200	
	Structural Steel Framing - NON-LOAD BEARING			SF	\$ 14.75	\$ -	\$ -	0%		\$ 45,725	
05 2100	Steel Joist Framing	05 1200			\$ -	\$ -	\$ -	0%		\$ -	
05 3113	Steel Floor Decking				\$ -	\$ -	\$ -	0%		\$ -	
05	2nd Floor Composite Deck			SF	\$ 2.50	\$ -	\$ -	0%		\$ -	
05	3rd Floor Composite Deck			SF	\$ 2.75	\$ -	\$ -	0%		\$ -	
05	2nd Floor Stl. Deck (Joist Sys.)			SF	\$ 2.75	\$ -	\$ -	0%		\$ -	
05	3rd Floor Stl. Deck (Joist Sys.)			SF	\$ 4.00	\$ -	\$ -	0%		\$ -	
	Mtl. Plate @ Mezzanines	Checker		SF	\$ 6.75	\$ -	\$ -	0%		\$ -	
	Mtl. Plate @ Mezzanines	Diamond		SF	\$ 9.15	\$ -	\$ -	0%		\$ -	
05 3123	Steel Roof Decking		2,800	SF	\$ 3.00	\$ 8,400	\$ 0.04	0%		\$ 9,300	
05 4000	Cold-Formed Metal Framing	09 2982			\$ -	\$ -	\$ -	0%		\$ -	
05 4400	Pre-Engineered Light Gauge Steel Trusses			SF	\$ 5.75	\$ -	\$ -	0%		\$ -	
05 5500	Metal Fabrications	05 1200			\$ -	\$ -	\$ -	0%		\$ -	
05 5113	Metal Pan Stairs			EA	\$ 4,000.00	\$ -	\$ -	0%		\$ -	
05 5133	Metal Ladders		10	LF	\$ 100.00	\$ 1,000	\$ 0.01	0%		\$ 1,000	
05 5133	Metal Ladders w/ cages				\$ 155.00	\$ -	\$ -	0%		\$ -	
05 5200	Wall Rail Steel			LF	\$ 35.00	\$ -	\$ -	0%		\$ -	
05 5200	Wall Rail Steel Galv			LF	\$ 45.00	\$ -	\$ -	0%		\$ -	



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**Alice Johnson Jr. High School**

**Huckabee** Date

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<b>Client:</b>	Channelview ISD	<b>Principal:</b>	SD	<b>Building Area: (Footprint)</b>		147,000	<b>Geographic Factor=</b>		1.00
<b>Project:</b>	Alice Johnson Jr. High School	<b>Assoc. Prin.:</b>	0	<b>Building Area: (Total Square Feet)</b>		200,000	<b>Cost Escalation factor=</b>		1.03
<b>Project #:</b>	1808-02-01	<b>Estimator:</b>	0	<b>Site (acres): gross</b>		0	<b>Design Contingency Factor=</b>		1.02
<b>Phase:</b>	Design Development	<b>Capacity:</b>	0	<b>Number of Floors:</b>		2	<b>Construction Budget:</b>		\$11,658,713
<b>Bid Date:</b>	44071			<b>CSP or CMaR</b>			<b>Project Budget:</b>		\$0

**SUMMARY**

Construction											
DIV	DESCRIPTION	COMMENT	QUANTITY	UNIT	UNIT PRICE	CD AMOUNT	COST / SF	% OF TOT	SCOPE INCREASE	SD ESTIMATE	
05 5200	Wall Rail Aluminum			LF	\$ 48.00	\$ -	\$ -	0%		\$ -	
05 5200	Wall Rail Aluminum (Dark Annonized)			LF	\$ 68.00	\$ -	\$ -	0%		\$ -	
05 5200	Wall Rail Stainless			LF	\$ 143.00	\$ -	\$ -	0%		\$ -	
05 5200	Wall Rail Stainless (Mirror Finish)			LF	\$ 257.00	\$ -	\$ -	0%		\$ -	
05 5200	Hand Rail, Steel, with posts at 4' O.C.			LF	\$ 57.00	\$ -	\$ -	0%		\$ -	
05 5200	Hand Rail, Steel, with posts at 4' O.C. (Galv.)			LF	\$ 63.00	\$ -	\$ -	0%		\$ -	
05 5200	Hand Rail, Aluminum, with posts at 4' O.C.			LF	\$ 75.00	\$ -	\$ -	0%		\$ -	
05 5200	Hand Rail, Aluminum, with posts at 4' O.C. (Dark			LF	\$ 125.00	\$ -	\$ -	0%		\$ -	
05 5200	Hand Rail, Stainless, with posts at 4' O.C.			LF	\$ 171.00	\$ -	\$ -	0%		\$ -	
05 5200	Hand Rail, Stainless, with posts at 4' O.C. (Mirror			LF	\$ 400.00	\$ -	\$ -	0%		\$ -	
05 5200	Pipe rail with Pickets, Steel			LF	\$ 189.00	\$ -	\$ -	0%		\$ -	
05 5200	Pipe rail with Pickets, Aluminum			LF	\$ 310.00	\$ -	\$ -	0%		\$ -	
								0%		\$ -	
05 5516	Metal Cast in Stair Nosings			LF	\$ 17.25	\$ -	\$ -	0%		\$ -	
05 5600	Metal Castings			EA	\$ -	\$ -	\$ -	0%		\$ -	
05a						\$ 77,600	\$ 0.39	1%		\$ 124,225	
06	Wood, Plastics and Composites										
06 1000	Rough Carpentry		3,100	SF	\$ 2.00	\$ 6,200	\$ 0.03	0%		\$ 6,200	
06 1753	Shop-Fabricated Wood Trusses			SF	\$ 4.50	\$ -	\$ -	0%		\$ -	
06 2000	Finish Carpentry		3,100	SF	\$ 1.50	\$ 4,650	\$ 0.02	0%		\$ 4,650	
06 4100	Architectural Cabinets			LF	\$ 250.00	\$ -	\$ -	0%		\$ -	
06 4216	Wood-Veneer Paneling			SF	\$ 3.50	\$ -	\$ -	0%		\$ -	
06 4219	Plastic-Laminate Faced Wood Paneling			SF	\$ 7.50	\$ -	\$ -	0%		\$ -	
06 6119	Quartz Surface Fabrications			LF	\$ 150.00	\$ -	\$ -	0%		\$ -	
06 6500	Solid Polymer Fabrications			LF	\$ 10.00	\$ -	\$ -	0%		\$ -	
06 8200	Glass-Fiber-Reinforced Plastic Paneling			SF	\$ 3.00	\$ -	\$ -	0%		\$ -	
06					\$ -	\$ -	\$ -	0%		\$ -	
06a						\$ 10,850	\$ 0.05	0%		\$ 10,850	
07	Thermal & Moisture Protection										
07 1100	Dampproofing	04 2200			\$ -	\$ -	\$ -	0%		\$ -	
07 1300	Sheet Waterproofing			SF	\$ 0.25	\$ -	\$ -	0%		\$ -	
07 1900	Water Repellents		3,370	SF	\$ 0.25	\$ 843	\$ 0.00	0%		\$ 813	
07 2100	Thermal Insulation				\$ -	\$ -	\$ -	0%		\$ -	
07	Building Insulation	09 2982			\$ 1.65	\$ -	\$ -	0%		\$ -	
07	Sound Batt Insulation	09 2982	1,200	SF	\$ 1.65	\$ 1,980	\$ 0.01	0%		\$ 1,980	
07 2119	Foamed-In-Place Insulation	09 2982			\$ 0.35	\$ -	\$ -	0%		\$ -	
07 2200	Roof and Deck Insulation	DIV 07			\$ -	\$ -	\$ -	0%		\$ -	
07 2400	Exterior Insulation & Finish Systems			SF	\$ 7.50	\$ -	\$ -	0%		\$ -	
07 2700	Air Barriers	09 2816			\$ -	\$ -	\$ -	0%		\$ -	
07 3113	Asphalt Shingles			SF	\$ 6.50	\$ -	\$ -	0%		\$ -	
07	Tear-Off / Re-Roof			SF	\$ -	\$ -	\$ -	0%		\$ -	
07 3213	Clay Roof Tiles			SF	\$ -	\$ -	\$ -	0%		\$ -	
07 4213.1	Mansard Panel			SF	\$ 15.00	\$ -	\$ -	0%		\$ -	
07 4213.2	Aluminum Wall Panels			SF	\$ 65.00	\$ -	\$ -	0%		\$ -	
07 4213.3	Steel Wall Panels			SF	\$ 35.00	\$ -	\$ -	0%		\$ -	
07 4463	Fabricated-Faced Panel Assemblies			SF	\$ 9.00	\$ -	\$ -	0%		\$ -	
07 4673.1	Metal Soffit			SF	\$ 11.50	\$ -	\$ -	0%		\$ -	
07 5100	Four-Ply Built-Up Bituminous Roofing			SF	\$ 16.00	\$ -	\$ -	0%		\$ 52,700	
07	Tear-Off / Re-Roof			SF	\$ 14.50	\$ -	\$ -	0%		\$ 2,629,390	
07 5113	Three-Ply Built-Up Bituminous Roofing			SF	\$ 14.00	\$ -	\$ -	0%		\$ -	
07	Tear-Off / Re-Roof			SF	\$ 12.50	\$ -	\$ -	0%		\$ -	
07 5116	Coal Tar Elastomeric Membrane Roofing			SF	\$ 12.50	\$ -	\$ -	0%		\$ -	
07	Tear-Off / Re-Roof			SF	\$ 11.50	\$ -	\$ -	0%		\$ -	
07 5330	Flexible Sheet Roofing		2,800	SF	\$ 11.00	\$ 30,800	\$ 0.15	0%		\$ -	
07	Tear-Off / Re-Roof		147,000	SF	\$ 10.00	\$ 1,470,000	\$ 7.35	12%		\$ -	
07 6113	Standing Seam Sheet Metal Roofing			SF	\$ 16.50	\$ -	\$ -	0%		\$ -	
07	Tear-Off / Re-Roof			SF	\$ 13.75	\$ -	\$ -	0%		\$ -	
07 6200	Sheet Metal Flashing, Trim, Downspouts, &		2,850	LF	\$ 9.75	\$ 27,788	\$ 0.14	0%		\$ 2,925	
07 7200	Roof Accessories		25	EA	\$ 2,500.00	\$ 62,500	\$ 0.31	1%		\$ -	
07 8116	Cementitious Fireproofing	w/ system			\$ -	\$ -	\$ -	0%		\$ -	
07 8123	Intumescent Fireproofing	w/ system			\$ -	\$ -	\$ -	0%		\$ -	
07 8400	Firestopping	w/ system		SF	\$ -	\$ -	\$ -	0%		\$ -	
07 9200	Joint Sealants		200,000	SF	\$ 0.50	\$ 100,000	\$ 0.50	1%		\$ 100,000	
07 9513	Expansion Joint Cover Assemblies		100	LF	\$ 40.00	\$ 4,000	\$ 0.02	0%		\$ 4,000	
07					\$ -	\$ -	\$ -	0%		\$ -	
07a						\$ 1,697,910	\$ 8.49	14%		\$ 2,791,808	
08	Openings										
08 1100	Non-Rated Metal Doors and Frames		27	EA	\$ 1,000.00	\$ 27,000	\$ 0.14	0%		\$ 28,000	
08	Fire Rated Doors and Metal Frames		7	EA	\$ 1,250.00	\$ 8,750	\$ 0.04	0%		\$ 10,000	
08 1200	Metal Frames			EA	\$ 250.00	\$ -	\$ -	0%		\$ -	
08 1416	Flush Wood Doors			EA	\$ -	\$ -	\$ -	0%		\$ -	
08	Flush Wood Doors w/ Frames		8	EA	\$ 800.00	\$ 6,400	\$ 0.03	0%		\$ 3,200	
08 1433	Stile and Rail Wood Doors			EA	\$ -	\$ -	\$ -	0%		\$ -	
08	Stile and Rail Wood Doors w/ Frames			EA	\$ -	\$ -	\$ -	0%		\$ -	
08 1513	Laminated Plastic Doors			EA	\$ -	\$ -	\$ -	0%		\$ -	
08	Laminated Plastic Doors w/ Frames			EA	\$ 600.00	\$ -	\$ -	0%		\$ -	
08 3100	Access Doors and Panels			EA	\$ 325.00	\$ -	\$ -	0%		\$ -	
08 3300	Coiling Doors and Grilles			EA	\$ -	\$ -	\$ -	0%		\$ -	
08	Opening Size - Location (8*8)			EA	\$ 2,500.00	\$ -	\$ -	0%		\$ -	

**Channelview ISD**  
**Opinion Of Probable Cost**  
**Alice Johnson Jr. High School**

Huckabee

Date

<b>Project Information:</b>									
<b>Client:</b>	Channelview ISD	<b>Principal:</b>	SD	<b>Building Area: (Footprint)</b>		147,000	<b>Geographic Factor=</b>		1.00
<b>Project:</b>	Alice Johnson Jr. High School	<b>Assoc. Prin.:</b>	0	<b>Building Area: (Total Square Feet)</b>		200,000	<b>Cost Escalation factor=</b>		1.03
<b>Project #:</b>	1808-02-01	<b>Estimator:</b>	0	<b>Site (acres): gross</b>		0	<b>Design Contingency Factor=</b>		1.02
<b>Phase:</b>	Design Development	<b>Capacity:</b>	0	<b>Number of Floors:</b>		2	<b>Construction Budget:</b>		\$11,658,713
<b>Bid Date:</b>	44071			<b>CSP or CMaR</b>			<b>Project Budget:</b>		\$0

**SUMMARY**

<b>Construction</b>											
DIV	DESCRIPTION	COMMENT	QUANTITY	UNIT	UNIT PRICE	CD AMOUNT	COST / SF	% OF TOT	SCOPE INCREASE	SD ESTIMATE	
08	Opening Size - Location (10*10)		1	EA	\$ 3,500.00	\$ 3,500	\$ 0.02	0%		\$ 3,500	
08 3323.1	Vertical Lift Fire Doors		4	EA	\$ 10,000.00	\$ 40,000	\$ 0.20	0%		\$ -	
08 3473	Sound Control Door Assemblies			EA	\$ 4,000.00	\$ -	\$ -	0%		\$ -	
08 3513.13	Accordion Folding Doors			LF	\$ 40.00	\$ -	\$ -	0%		\$ -	
08 3513.33	Panel Folding Doors			SF	\$ 80.00	\$ -	\$ -	0%		\$ -	
08 4100	Entrances and Storefronts			SF	\$ 20.00	\$ -	\$ -	0%		\$ -	
	Storefront Door - Count, incl. Hardware			EA	\$ 3,000.00	\$ -	\$ -	0%		\$ -	
08 4329	Sliding Storefronts			SF	\$ 75.00	\$ -	\$ -	0%		\$ -	
08 4413	Glazed Aluminum Curtain Wall			SF	\$ 80.00	\$ -	\$ -	0%		\$ -	
08 5113	Aluminum Windows			SF	\$ 32.50	\$ -	\$ -	0%		\$ -	
08 6200	Unit Skylights			SF	\$ 120.00	\$ -	\$ -	0%		\$ -	
08 6300	Metal Framed Skylights			SF	\$ 120.00	\$ -	\$ -	0%		\$ -	
008 7100	Door Hardware		42	EA	\$ 900.00	\$ 37,800	\$ 0.19	0%		\$ 33,300	
08 8000	Glazing			SF	\$ -	\$ -	\$ -			\$ -	
08	Interior Glazing			SF	\$ 20.00	\$ -	\$ -	0%		\$ 2,000	
08	Exterior Glazing			SF	\$ 30.00	\$ -	\$ -	0%		\$ 3,000	
08	Fire Rated Glazing			SF	\$ 150.00	\$ -	\$ -	0%		\$ 7,500	
08 9100	Louvers			SF	\$ 50.00	\$ -	\$ -	0%		\$ -	
08					\$ -	\$ -	\$ -	0%		\$ -	
08a						\$ 123,450	\$ 0.62	1%			
09	Finishes										
09 2116.23	Gyp Board Shaft Wall Assemblies			SF	\$ 15.00	\$ -	\$ -	0%		\$ -	
09 2216	Non-Structural Metal Framing	09 2982			\$ -	\$ -	\$ -	0%		\$ -	
09 2226	Suspension Systems	w/ system			\$ -	\$ -	\$ -	0%		\$ -	
09 2236	Lath	09 2400			\$ -	\$ -	\$ -	0%		\$ -	
09 2313	Gypsum Plastering			SF	\$ 18.00	\$ -	\$ -	0%		\$ -	
09 2400	Portland Cement Plastering			SF	\$ 6.50	\$ -	\$ -	0%		\$ -	
09 2813	Cementitious Backing Board	09 3013			\$ -	\$ -	\$ -	0%		\$ -	
09 2816	Glass-Mat-Faced Gypsum Backing Board			SF	\$ -	\$ -	\$ -	0%		\$ -	
09 2982	Gypsum Board				\$ -	\$ -	\$ -			\$ -	
09	Gyp Bd. on 3-5/8" Mtl. Studs		1,000	SF	\$ 4.50	\$ 4,500	\$ 0.02	0%		\$ 5,000	
	Gyp Bd. on 3-5/8" Mtl. Studs, gyp			SF	\$ 5.75	\$ -	\$ -	0%		\$ -	
09	Gyp Bd. on 6" Mtl. Studs		1,100	SF	\$ 5.50	\$ 6,050	\$ 0.03	0%		\$ 6,600	
09	Bulkheads			SF	\$ 8.00	\$ -	\$ -	0%		\$ -	
09	Exterior Gyp Bd.			SF	\$ 65.00	\$ -	\$ -	0%		\$ -	
09 3013	Ceramic Tiling			SF	\$ 11.00	\$ -	\$ -	0%		\$ -	
09	Schluter Aluminum Corner Trim			LF	\$ 15.00	\$ -	\$ -			\$ -	
09 3013.13	Porcelain Tiling		615	SF	\$ 12.00	\$ 7,380	\$ 0.04	0%		\$ -	
09 3016	Quarry Tiling			SF	\$ 15.00	\$ -	\$ -	0%		\$ -	
09 5100	Acoustical Ceilings				\$ -	\$ -	\$ -	0%		\$ -	
09	Type I Standard Lay-in		2,225	SF	\$ 4.50	\$ 10,013	\$ 0.05	0%		\$ -	
09	Type I Standard Lay-in (w/ concealed grid)			SF	\$ 5.00	\$ -	\$ -	0%		\$ -	
09	Type II Abuse Resistant			SF	\$ 5.50	\$ -	\$ -	0%		\$ -	
09	Type III High Humidity			SF	\$ 5.75	\$ -	\$ -	0%		\$ -	
09	Type IV Vinyl-Faced Lay-in			SF	\$ 5.50	\$ -	\$ -	0%		\$ -	
09	Type V Acoustical 'Reflective'			SF	\$ 5.50	\$ -	\$ -	0%		\$ -	
09	Type VI Acoustical 'Absorptive-General Use'			SF	\$ 5.50	\$ -	\$ -	0%		\$ -	
09	Type VII Acoustical Absorptive		6,400	SF	\$ 5.75	\$ 36,800	\$ 0.18	0%		\$ 46,000	
09	Suspended Clouds w/ Trim			SF	\$ -	\$ -	\$ -	0%		\$ -	
09 5426	Linear Wood Ceilings			SF	\$ 40.00	\$ -	\$ -	0%		\$ -	
09 6429	Wood Strip and Plank Flooring			SF	\$ 9.00	\$ -	\$ -	0%		\$ -	
09 6466	Wood Athletic Flooring		10,850	SF	\$ 12.50	\$ 135,625	\$ 0.68	1%		\$ 135,625	
09 6500	Resilient Base and Accessories	w/ flooring			\$ -	\$ -	\$ -	0%		\$ -	
09 6516	Resilient Sheet Flooring			SF	\$ 4.00	\$ -	\$ -	0%		\$ -	
09 6519	Resilient Tile Flooring (VCT)		22,265	SF	\$ 3.75	\$ 83,494	\$ 0.42	1%		\$ 239,850	
	Slip Resistant VCT (Ramps)		1,800	SF	\$ 4.75	\$ 8,550	\$ 0.04	0%		\$ 8,550	
09 6566	Resilient Athletic Flooring		1,150	SF	\$ 6.50	\$ 7,475	\$ 0.04	0%		\$ -	
09 6566.1	Rolled Rubber Flooring			SF	\$ 13.50	\$ -	\$ -	0%		\$ -	
	Rubber Treads & Risers			LF	\$ 10.50	\$ -	\$ -	0%		\$ -	
09 6613.13	Sand Cushion Terrazzo Flooring			SF	\$ 22.00	\$ -	\$ -	0%		\$ -	
09 6613.16	Monolithic Terrazzo Flooring (Thin Set)			SF	\$ 32.50	\$ -	\$ -	0%		\$ -	
09 6616	Terrazzo Floor Tile			SF	\$ 20.00	\$ -	\$ -	0%		\$ -	
09 6616.16	Precast Terrazzo Tile			SF	\$ 18.00	\$ -	\$ -	0%		\$ -	
09 6620	Resilient Tile Flooring (LVT)		77,000	SF	\$ 9.00	\$ 693,000	\$ 3.47	6%		\$ -	
09 6726	Resinous Flooring		450	SF	\$ 12.00	\$ 5,400	\$ 0.03	0%		\$ -	
09 6766	Fluid Applied Athletic Flooring			SF	\$ 6.50	\$ -	\$ -	0%		\$ -	
09 6813	Tile Carpeting			SF	\$ 8.50	\$ -	\$ -	0%		\$ 361,675	
09 6816	Sheet Carpeting		54,105	SF	\$ 9.50	\$ 513,998	\$ 2.57	4%		\$ -	
09 7200	Markable Wall Surfacing			SF	\$ 6.00	\$ -	\$ -	0%		\$ -	
09 7216	Vinyl Coated Fabric Wall Covering			SF	\$ 5.00	\$ -	\$ -	0%		\$ -	
09 7300	Wall Carpeting			SF	\$ 4.00	\$ -	\$ -	0%		\$ -	
09 8400	Acoustic Room Components		1,500	SF	\$ 3.50	\$ 5,250	\$ 0.03	0%		\$ -	
09 8413	Fixed Sound Panels (Cementitious)			SF	\$ 6.00	\$ -	\$ -	0%		\$ -	
09 9100	Painting		190,000	SF	\$ 3.00	\$ 570,000	\$ 2.85	5%		\$ 600,000	
09	Sealed Concrete			SF	\$ 2.00	\$ -	\$ -	0%		\$ -	
09 9726	Polished Concrete			SF	\$ 9.00	\$ -	\$ -	0%		\$ -	
09a						\$ 2,087,534	\$ 10.44	18%		\$ 1,403,300	



**Channelview ISD**  
**Opinion Of Probable Cost**  
**Alice Johnson Jr. High School**

Huckabee

Date

<b>Project Information:</b>									
Client:	Channelview ISD	Principal:	SD	Building Area: (Footprint)		147,000	Geographic Factor=		1.00
Project:	Alice Johnson Jr. High School	Assoc. Prin.:	0	Building Area: (Total Square Feet)		200,000	Cost Escalation factor=		1.03
Project #:	1808-02-01	Estimator:	0	Site (acres): gross		0	Design Contingency Factor=		1.02
Phase:	Design Development	Capacity:	0	Number of Floors:		2	Construction Budget:		\$11,658,713
Bid Date:	44071			CSP or CMar			Project Budget:		\$0

**SUMMARY**

Construction											
DIV	DESCRIPTION	COMMENT	QUANTITY	UNIT	UNIT PRICE	CD AMOUNT	COST / SF	% OF TOT	SCOPE INCREASE	SD ESTIMATE	
10	Specialties										
10 1116	Markerboards		100	LF	\$ 50.00	\$ 5,000	\$ 0.03	0%		#REF!	
10 1123	Tackboards		250	LF	\$ 40.00	\$ 10,000	\$ 0.05	0%		\$ -	
10 1200	Display Case			LF	\$ 425.00	\$ -	\$ -	0%		\$ -	
10 1414	Exterior Signage			EA	\$ -	\$ -	\$ -	0%		\$ -	
10	Building Letters		30	EA	\$ 105.00	\$ 3,150	\$ 0.02	0%		\$ -	
10	Marquee Sign		1	EA	\$ 125,000.00	\$ 125,000	\$ 0.63	1%		\$ 125,000	
10 1415	Interior Signage		10	EA	\$ 110.00	\$ 1,100	\$ 0.01	0%		\$ 1,100	
10 1416	Plaques			EA	\$ 2,000.00	\$ -	\$ -	0%		\$ -	
10 2113.19	Plastic Toilet Compartments		5	EA	\$ 950.00	\$ 4,750	\$ 0.02	0%		\$ 9,500	
10 2116.19	Plastic Shower and Dressing Compartments			EA	\$ 800.00	\$ -	\$ -	0%		\$ -	
10 2123	Cubicles			EA	\$ 800.00	\$ -	\$ -	0%		\$ -	
10 2813	Toilet Accessories		5	EA	\$ 500.00	\$ 2,500	\$ 0.01	0%		\$ 5,000	
10 2816	Bath Accessories			EA	\$ 500.00	\$ -	\$ -	0%		\$ -	
10 4400	Fire Protection Specialties		2	EA	\$ 500.00	\$ 1,000	\$ 0.01	0%		\$ 1,000	
10 5113	Metal Lockers			EA	\$ -	\$ -	\$ -	0%		\$ -	
10	12x12x36 DT			EA	\$ 275.00	\$ -	\$ -	0%		\$ -	
10	12x12x60			EA	\$ 250.00	\$ -	\$ -	0%		\$ -	
10	18x18x36 DT			EA	\$ 300.00	\$ -	\$ -	0%		\$ -	
10	24x24x36 DT			EA	\$ 325.00	\$ -	\$ -	0%		\$ -	
10	24x24x60 - Athletic Lockers			EA	\$ 400.00	\$ -	\$ -	0%		\$ -	
10 5613	Metal Storage Shelving			EA	\$ 100.00	\$ -	\$ -	0%		\$ -	
10 5626	Mobile Storage Shelving			EA	\$ 85.00	\$ -	\$ -	0%		\$ -	
10 7113	Exterior Sun Control Devices			SF	\$ 90.00	\$ -	\$ -	0%		\$ -	
10 7326	Walkway Coverings		1	LS	\$ 425,000.00	\$ 425,000	\$ 2.13	4%		\$ 425,000	
10 7500	Flagpoles	Included in	0	EA	\$ 7,500.00	\$ -	\$ -	0%		\$ 15,000	
10					\$ -	\$ -	\$ -	0%		\$ -	
10					\$ -	\$ -	\$ -	0%		\$ -	
10a						\$ 577,500	\$ 2.89	5%		\$ 581,600	
11	Equipment										
11 1126	Vehicle Wash Equipment			LS	\$ -	\$ -	\$ -	0%		\$ -	
11 1300	Loading Dock Equipment			EA	\$ -	\$ -	\$ -	0%		\$ -	
11 1313	Loading Dock Bumpers			EA	\$ 200.00	\$ -	\$ -	0%		\$ -	
11 1316	Loading Dock Seals and Shelters			EA	\$ -	\$ -	\$ -	0%		\$ -	
11 1319.13	Loading Dock Levelers			EA	\$ -	\$ -	\$ -	0%		\$ -	
11 1600	Safes			EA	\$ 1,600.00	\$ -	\$ -	0%		\$ -	
11 2336	Commercial Washers & Extractors			EA	\$ 8,500.00	\$ -	\$ -	0%		\$ -	
11 3100	Residential Appliances			EA	\$ 750.00	\$ -	\$ -	0%		\$ -	
11 3300	Retractable Stairs			EA	\$ -	\$ -	\$ -	0%		\$ -	
11 4000	Food Service Equipment	Kit. Consult.		LS	\$ 500,000.00	\$ -	\$ -	0%		\$ -	
11 5100	Library Equipment			LS	\$ -	\$ -	\$ -	0%		\$ -	
11 5200	Audio-Visual Equipment	Tech Consult		LS	\$ 150.00	\$ -	\$ -	0%		\$ -	
11 5213	Projection Screens			EA	\$ -	\$ -	\$ -	0%		\$ -	
11	Projection Screens - Manual	Tech Consult		EA	\$ 300.00	\$ -	\$ -	0%		\$ -	
11	Projection Screens - Electric	Tech Consult		EA	\$ 1,500.00	\$ -	\$ -	0%		\$ -	
11	Monitor Mounts	Tech Consult		EA	\$ -	\$ -	\$ -	0%		\$ -	
11 5300	Laboratory Equipment			EA	\$ 45,000.00	\$ -	\$ -	0%		\$ -	
11 5700	Ceramic Kiln			EA	\$ 7,500.00	\$ -	\$ -	0%		\$ -	
11 6113	Acoustical Shells			EA	\$ -	\$ -	\$ -	0%		\$ -	
11 6125	Orchestra Pit Filler			EA	\$ -	\$ -	\$ -	0%		\$ -	
11 6133	Rigging Systems and Controls	Consultant		EA	\$ -	\$ -	\$ -	0%		\$ -	
11 6143	Stage Curtains			LF	\$ 275.00	\$ -	\$ -	0%		\$ -	
11 6623	Gymnasium Equipment			EA	\$ 30,000.00	\$ -	\$ -	0%		\$ -	
11 6643	Interior Scoreboards				\$ 4,000.00	\$ -	\$ -	0%		\$ -	
11 6813	Playground Equipment			EA	\$ 75,000.00	\$ -	\$ -	0%		\$ -	
11 6833	Athletic Field Equipment	w/ field			\$ -	\$ -	\$ -	0%		\$ -	
11					\$ -	\$ -	\$ -	0%		\$ -	
11	Compressed Air System & Compressor				\$ 5,000.00	\$ -	\$ -	0%		\$ -	
11	Lift Equipment				\$ 20,000.00	\$ -	\$ -	0%		\$ -	
11	Welding Booth				\$ 1,500.00	\$ -	\$ -	0%		\$ -	
11	Paint and Body Shop Spray Booth				\$ 10,000.00	\$ -	\$ -	0%		\$ -	
11	Mock Hospital Equipment, Per Bed				\$ 3,200.00	\$ -	\$ -	0%		\$ -	
11					\$ -	\$ -	\$ -	0%		\$ -	
11					\$ -	\$ -	\$ -	0%		\$ -	
11a						\$ -	\$ -	0%		\$ -	
12	Furnishings										
12 2100	Window Blinds			EA	\$ 125.00	\$ -	\$ -	0%		\$ -	
12 2400	Window Shades										
	Manual Operated Roller Shades			EA	\$ 150.00	\$ -	\$ -	0%		\$ -	
	Motorized Roller Shades			EA	\$ 250.00	\$ -	\$ -	0%		\$ -	
12 3213	Manufactured Wd. Veneer Casework			LF	\$ 185.00	\$ -	\$ -	0%		\$ -	
12 3216	Manufactured Plastic Laminate Casework		50	LF	\$ 150.00	\$ 7,500	\$ 0.04	0%		\$ 9,250	
12 3550	Library Casework			LS	\$ -	\$ -	\$ -	0%		\$ -	
	Display Cases			EA	\$ -	\$ -	\$ -	0%		\$ -	
12 3551	Instrument Storage Systems		1	LS	\$ 105,000.00	\$ 105,000	\$ 0.53	1%		\$ 105,000	
12 3623.13	Plastic Laminate Countertops	w/ cswrk.			\$ 250.00	\$ -	\$ -	0%		\$ -	
12 6100	Fixed Audience Seating			EA	\$ 350.00	\$ -	\$ -	0%		\$ -	
12 6100	Fixed Audience Seating w/ aisle light			EA	\$ 350.00	\$ -	\$ -	0%		\$ -	
12 6100	Fixed Audience Seating w/ table			EA	\$ 500.00	\$ -	\$ -	0%		\$ -	
12 6100	Fixed Audience Seating w/ power/data			EA	\$ 400.00	\$ -	\$ -	0%		\$ -	



**Channelview ISD**  
**Opinion Of Probable Cost**  
**Alice Johnson Jr. High School**

Huckabee Date

<b>Project Information:</b>									
Client:	Channelview ISD	Principal:	SD	Building Area: (Footprint)		147,000	Geographic Factor=		1.00
Project:	Alice Johnson Jr. High School	Assoc. Prin.	0	Building Area: (Total Square Feet)		200,000	Cost Escalation factor=		1.03
Project #:	1808-02-01	Estimator:	0	Site (acres): gross		0	Design Contingency Factor=		1.02
Phase:	Design Development	Capacity:	0	Number of Floors:		2	Construction Budget:		\$11,658,713
Bid Date:	44071			CSP or CMAr			Project Budget:		\$0

**SUMMARY**

<b>Construction</b>										
DIV	DESCRIPTION	COMMENT	QUANTITY	UNIT	UNIT PRICE	CD AMOUNT	COST / SF	% OF TOT	SCOPE INCREASE	SD ESTIMATE
12 6300	Stadium and Arena Seating			EA	\$ -	\$ -	\$ -	0%		\$ -
12 6613	Telescoping Bleachers				\$ 175.00	\$ -	\$ -	0%		\$ -
12	Manual			EA	\$ 175.00	\$ -	\$ -	0%		\$ -
12	Electric			EA	\$ 235.00	\$ -	\$ -	0%		\$ -
12 6800	Seat and Table Assemblies			EA	\$ 500.00	\$ -	\$ -	0%		\$ -
12 9313	Bicycle Racks			EA	\$ 40.00	\$ -	\$ -	0%		\$ -
12	Walkoff Tiles			SF	\$ 40.00	\$ -	\$ -	0%		\$ -
12					\$ -	\$ -	\$ -	0%		\$ -
12a						\$ 112,500	\$ 0.56	1%		\$ 114,250

**Channelview ISD**  
**Opinion Of Probable Cost**  
**Alice Johnson Jr. High School**

Huckabee Date

<b>Project Information:</b>									
<b>Client:</b>	Channelview ISD	<b>Principal:</b>	SD	<b>Building Area: (Footprint)</b>		147,000	<b>Geographic Factor=</b>		1.00
<b>Project:</b>	Alice Johnson Jr. High School	<b>Assoc. Prin.</b>	0	<b>Building Area: (Total Square Feet)</b>		200,000	<b>Cost Escalation factor=</b>		1.03
<b>Project #:</b>	1808-02-01	<b>Estimator:</b>	0	<b>Site (acres): gross</b>		0	<b>Design Contingency Factor=</b>		1.02
<b>Phase:</b>	Design Development	<b>Capacity:</b>	0	<b>Number of Floors:</b>		2	<b>Construction Budget:</b>		\$11,658,713
<b>Bid Date:</b>	44071			<b>CSP or CMaR</b>			<b>Project Budget:</b>		\$0

**SUMMARY**

<b>Construction</b>											
DIV	DESCRIPTION	COMMENT	QUANTITY	UNIT	UNIT PRICE	CD AMOUNT	COST / SF	% OF TOT	SCOPE INCREASE	SD ESTIMATE	
13	<b>Special Construction</b>										
13 1733	Whirlpool Tubs			EA	\$ 200.00	\$ -	\$ -	0%		\$ -	
13 2148	Sound Conditioned Rooms			EA	\$ -	\$ -	\$ -	0%		\$ -	
13 3416	Grandstands and Bleachers				\$ 150.00	\$ -	\$ -	0%		\$ -	
13	Athletic Seats - With Backs			EA	\$ 150.00	\$ -	\$ -	0%		\$ -	
13	Athletic Seats - Without Backs			EA	\$ 125.00	\$ -	\$ -	0%		\$ -	
13	Aluminum Bleachers - With Backs			EA	\$ 125.00	\$ -	\$ -	0%		\$ -	
13	Aluminum Bleachers - Without Backs			EA	\$ 100.00	\$ -	\$ -	0%		\$ 10,000	
13 3419	Metal Building Systems			SF	\$ 12.00	\$ -	\$ -	0%		\$ -	
13 3423.13	Portable and Moble Buildings			EA	\$ 50,000.00	\$ -	\$ -	0%		\$ -	
13						\$ -	\$ -	0%		\$ -	
13a						\$ -	\$ -	0%		\$ 10,000	
14	<b>Conveying Equipment</b>										
14 2423	Hydraulic Passenger Elevators			EA	\$ 85,000.00	\$ -	\$ -	0%		\$ -	
14 2600	Limited Use/Limited Application Elevators			EA	\$ -	\$ -	\$ -	0%		\$ -	
14 4100	People Lifts			EA	\$ 15,000.00	\$ -	\$ -	0%		\$ -	
14 4213	Inclined Wheelchair Lifts			EA	\$ 12,000.00	\$ -	\$ -	0%		\$ -	
14 4216	Vertical Wheelchair Lifts			EA	\$ 12,000.00	\$ -	\$ -	0%		\$ -	
14					\$ -	\$ -	\$ -	0%		\$ -	
14a						\$ -	\$ -	0%		\$ -	
21	<b>Fire Suppression</b>										
21 1300	Automatic Sprinkler Systems			SF	\$ 3.00	\$ -	\$ -	0%		\$ -	
21					\$ -	\$ -	\$ -	0%		\$ -	
21					\$ -	\$ -	\$ -	0%		\$ -	
21a						\$ -	\$ -	0%		\$ -	
22	<b>Plumbing</b>										
22 3000	Plumbing Systems	From	1	LS	\$ 60,000.00	\$ 60,000	\$ 0.30	1%		\$ 60,000	
22 3000	Plumbing Systems - Renovation			SF	\$ -	\$ -	\$ -	0%		\$ -	
22	Drinking Fountains	From	1	LS	\$ 15,000.00	\$ 15,000				\$ 15,000	
22	Gas Piping Replacement Roof	From	1	LS	\$ 100,000.00	\$ 100,000				\$ 100,000	
22a						\$ 175,000	\$ 0.88	1%		\$ 175,000	
23	<b>Htg, Ventilating, &amp; Air-Conditioning</b>										
23 7000	Package Roof Top Units		1	LS	\$ 1,750,000.00	\$ 1,750,000	\$ 8.75	15%		\$ 1,750,000	
23 7000	Split Systems			SF	\$ 13.00	\$ -	\$ -	0%		\$ -	
23 7000	Chiller System			SF	\$ 17.00	\$ -	\$ -	0%		\$ -	
23 7000	Geo-Thermal Systems			LS	\$ 19.75	\$ -	\$ -	0%		\$ -	
23 9000	DDC Energy Management Systems			SF	\$ 0.65	\$ -	\$ -	0%		\$ -	
23 9900	Testing, Balancing and Commissioning		200,000	SF	\$ 0.34	\$ 68,000	\$ 0.34	1%		\$ 68,000	
23	Addition and Renovations		1	LS	\$ 100,000.00	\$ 100,000	\$ 0.50	1%		\$ 100,000	
23a						\$ 1,918,000	\$ 9.59	16%		\$ 1,918,000	
26	<b>Electrical</b>										
26	Electrical Systems - Lighting		1	LS	\$ 50,000.00	\$ 50,000	\$ 0.25	0%		\$ 50,000	
26	Electrical Systems - Power		1	LS	\$ 100,000.00	\$ 100,000	\$ 0.50	1%		\$ 100,000	
26					\$ -	\$ -	\$ -	0%		\$ -	
26					\$ -	\$ -	\$ -	0%		\$ -	
26a						\$ 150,000	\$ 0.75	1%		\$ 150,000	
27	<b>Communications</b>										
27 0000	Voice, Data and Video Communications			SF	\$ -	\$ -	\$ -	0%		\$ -	
27	Cable Plant-Voice, Data, Video			SF	\$ 2.00	\$ -	\$ -	0%		\$ -	
27	CATV Broadband Distribution			SF	\$ 0.25	\$ -	\$ -	0%		\$ -	
27 0400	Sound and Program System Extension			SF	\$ -	\$ -	\$ -	0%		\$ -	
27	Public Address System, Bell, and Clock		200,000	SF	\$ 1.45	\$ 290,000	\$ 1.45	2%		\$ 290,000	
27	Local Sound System - Gymnasium			SF	\$ 3.00	\$ -	\$ -	0%		\$ -	
27	Local Sound System - Cafeteria			SF	\$ 4.00	\$ -	\$ -	0%		\$ -	
27	Addition and Renovations		1	LS	\$ 15,000.00	\$ 15,000	\$ 0.08	0%		\$ 15,000	
27					\$ -	\$ -	\$ -	0%		\$ -	
27a						\$ 305,000	\$ 1.53	3%		\$ 305,000	

**Channelview ISD**  
**Opinion Of Probable Cost**  
**Alice Johnson Jr. High School**

**Huckabee** Date

<b>Project Information:</b>									
<b>Client:</b>	Channelview ISD	<b>Principal:</b>	SD	<b>Building Area: (Footprint)</b>		147,000	<b>Geographic Factor=</b>		1.00
<b>Project:</b>	Alice Johnson Jr. High School	<b>Assoc. Prin.:</b>	0	<b>Building Area: (Total Square Feet)</b>		200,000	<b>Cost Escalation factor=</b>		1.03
<b>Project #:</b>	1808-02-01	<b>Estimator:</b>	0	<b>Site (acres): gross</b>		0	<b>Design Contingency Factor=</b>		1.02
<b>Phase:</b>	Design Development	<b>Capacity:</b>	0	<b>Number of Floors:</b>		2	<b>Construction Budget:</b>		\$11,658,713
<b>Bid Date:</b>	44071			<b>CSP or CMAr</b>			<b>Project Budget:</b>		\$0

**SUMMARY**

<b>Construction</b>											
DIV	DESCRIPTION	COMMENT	QUANTITY	UNIT	UNIT PRICE	CD AMOUNT	COST / SF	% OF TOT	SCOPE INCREASE	SD ESTIMATE	
28	Electronic Saftey and Security										
28 1300	Access Control System			SF	\$ 0.75	\$ -	\$ -	0%		\$ -	
28 2300	Fire Detection and Alarm System		200,000	SF	\$ 1.45	\$ 290,000	\$ 1.45	2%		\$ -	
28 3121	Addition and Renovations		1	LS	\$ 20,000.00	\$ 20,000	\$ 0.10	0%		\$ 290,000	
28					\$ 20,000.00	\$ -	\$ -	0%		\$ 20,000	
28					\$ -	\$ -	\$ -	0%		\$ -	
28a						\$ 310,000	\$ 1.55	3%		\$ 310,000	
31	Earthwork										
31 1000	Site Clearing			AC	\$ -	\$ -	\$ -	0%		\$ -	
31 2200	Site Grading		1	LS	\$ 25,000.00	\$ 25,000	\$ 0.13	0%		\$ 25,000	
31 2300	Building Excavation and Fill			SF	\$ -	\$ -	\$ -	0%		\$ -	
31 2500	Temporary Erosion Control		1	LS	\$ 12,850.00	\$ 12,850	\$ 0.06	0%		\$ 12,850	
31 3116	Termite Control			SF	\$ -	\$ -	\$ -	0%		\$ -	
31 3213.19	Lime Stabilization			SY	\$ -	\$ -	\$ -	0%		\$ -	
					\$ 10.00	\$ -	\$ -	0%			
31a						\$ 37,850	\$ 0.19	0%		\$ 37,850	
32	Exterior Improvements										
32 1216	Asphalt Paving	Civil Consult.		SF	\$ 3.00	\$ -	\$ -	0%		\$ -	
32 1313	Paving	Civil Consult.	1	LS	\$ 228,500.00	\$ 228,500	\$ 1.14	2%		\$ 291,431	
32 1416	Brick Unit Paving			SF	\$ 6.00	\$ -	\$ -	0%		\$ -	
32 1713	Parking Bumpers			EA	\$ 80.00	\$ -	\$ -	0%		\$ -	
32 1723	Pavement Markings			LS	\$ -	\$ -	\$ -	0%		\$ -	
32 1813	Synthetic Grass Surfacing	Civil Consult.		SF	\$ -	\$ -	\$ -	0%		\$ -	
32 1816.13	Playground Protective Surfacing	Civil Consult.		SF	\$ -	\$ -	\$ -	0%		\$ -	
32 1823.13	Baseball Field Surfacing	Civil Consult.		EA	\$ -	\$ -	\$ -	0%		\$ -	
32 1823.33	Running Track Surfacing	Civil Consult.		EA	\$ -	\$ -	\$ -	0%		\$ -	
32	Material - Latex		1	EA	\$ 180,000.00	\$ 180,000	\$ 0.90	2%		\$ 200,000	
32	Material - Urethane			EA	\$ -	\$ -	\$ -	0%		\$ -	
32				EA	\$ -	\$ -	\$ -	0%		\$ -	
32 1823.53	Tennis Courts			EA	\$ -	\$ -	\$ -	0%		\$ -	
32	Lit			EA	\$ -	\$ -	\$ -	0%		\$ -	
32	Non-Lit			EA	\$ -	\$ -	\$ -	0%		\$ -	
32 3113	Chain-link Fences and Gates			EA	\$ -	\$ -	\$ -	0%		\$ -	
32	6'-0"			LF	\$ 25.00	\$ -	\$ -	0%		\$ -	
32	Height			LF	\$ -	\$ -	\$ -	0%		\$ -	
32				LF	\$ -	\$ -	\$ -	0%		\$ -	
32 3119	Decorative Metal Fences and Gates			LF	\$ 60.00	\$ -	\$ -	0%		\$ -	
32 3219	Unit Masonry Retaining Walls	Civil Consult.		SF	\$ -	\$ -	\$ -	0%		\$ -	
32 3513	Screens and Louvers (Fencing System)			SF	\$ -	\$ -	\$ -	0%		\$ -	
32 8400	Planting Irrigation and Drainage	Civil Consult.	1	LS	\$ 27,000.00	\$ 27,000	\$ 0.14	0%		\$ -	
32 9200	Planting	Civil Consult.	1	LS	\$ 98,762.00	\$ 98,762	\$ 0.49	1%		\$ 285,000	
32	Paving - Landscape	Civil Consult.	1	LS	\$ 153,880.00	\$ 153,880	\$ 0.77	1%		\$ -	
32				LS	\$ -	\$ -	\$ -	0%		\$ -	
32a						\$ 688,142	\$ 3.44	6%		\$ 776,431	
33	Utilities										
33 1116	Water Utility Distribution		1	LS	\$ 20,300.00	\$ 20,300	\$ 0.10	0%		\$ 20,300	
33 3111	Sanitary Sewer Distribution			LS	\$ -	\$ -	\$ -	0%		\$ -	
33 4111	Storm Sewer Distribution		1	LS	\$ 78,650.00	\$ 78,650	\$ 0.39	1%		\$ 97,200	
33 4613	Foundation Drainage			LS	\$ -	\$ -	\$ -	0%		\$ -	
33 5111	Natural Gas Distribution			LS	\$ -	\$ -	\$ -	0%		\$ -	
33					\$ -	\$ -	\$ -	0%		\$ -	
33	Civil Contengency		1	LS	\$ 130,000.00	\$ 130,000	\$ 0.65	1%		\$ 200,000	
33a						\$ 228,950	\$ 1.14	2%		\$ 317,500	
A	Alternates										
A1	Replace (2) Air Cooled Chillers and Pumps Towers		1	LS	\$ 300,000.00	\$ 300,000	\$ 1.50	2%		\$ 300,000	
A2	Replace Asphalt Parking Lots with Conc.		7,600	SY	\$ 65.00	\$ 494,000	\$ 2.47	4%		\$ 494,000	
A3	Remove Lockers at Corridors and Refinish		475	EA	\$ 20.00	\$ 9,500	\$ 0.05	0%		\$ -	
A4	New Exhaust Fans		1	LS	\$ 45,000.00	\$ 45,000	\$ 0.23	0%		\$ -	
0					\$ -	\$ -	\$ -	0%		\$ -	
0					\$ -	\$ -	\$ -	0%		\$ -	
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0					\$ -	\$ -	\$ -	0%		\$ -	
0					\$ -	\$ -	\$ -	0%		\$ -	
Aa						\$ 848,500	\$ 4.24	7%		\$ 794,000	