						ADJACENT WAYS
SFB AW 200)-18				SCHE	DULE OF VALUES
	Sahaal Diatriat	Buckeye Elementa	mr Cobool			
		Buckeye Elementa	ry School			
	SFB Project Number Architect Name	Orcutt Winslow				
	7 0 10 10 10	Chasse Building To	eam			
		Maricopa	cam			
	Sounty					
	Permitting (Name of County/City)	Maricopa / Phoenix	(
					\$0.00	AW-Y
	GMP	\$4,525,019.05				AW-N
			Cost per		Other On-Site	
	= Cells to be completed - as		Unit	District	Funding	Off-Site
	required	Quantity	(no markup)	Cost	(Adjacent Ways, etc.)	Adjacent Ways
Div 1	GENERAL REQUIREMENTS					
01 45 23	testing and inspecting	0.00		\$29,420.00	\$3,000.00	\$12,320.00
01 50 00	tempory facilites	0.00				
01 56 19	dust control	0.00				
01 57 13	track off pads	0.00				
	Division 1 total	44,740.00		\$29,420.00	\$3,000.00	\$12,320.00
Div 2	EXISTING CONDITIONS					
02 21 13	survey			\$3,800.00		\$10,500.00
02 41 13	site demolition/removal					
02 60 00	soil treatment	40.000.00		\$4,400.00		\$1,100.00
	Division 2 total	19,800.00		\$8,200.00	\$0.00	\$11,600.00
Div 3	CONCRETE					
03 00 00	footings/walls					
03 00 00	building					
03 20 00	rebar					
03 30 53	slabs					
03 35 00 03 40 00	sealed floors precast concrete					
03 40 00	Division 3 total	0.00		\$0.00	\$0.00	\$0.00
Div 4	MASONRY	0.00		ψ0.00	ψ0.00	ψ0.00
04 00 00	masonry walls					
04 00 00	masonry columns					
04 05 19	rebar					
04 03 19	site masonry					
04 22 00	block fencing					
04 43 00	stonework					
	Division 4 total	0.00		\$0.00	\$0.00	\$0.00
Div 5	METALS					
05 00 00	miscellaneous steel					
05 10 00	structural steel					
05 30 00	metal decking					
05 51 00	stairs					
05 70 00	architectural steel					
	Division 5 total	0.00		\$0.00	\$0.00	\$0.00
Div 6	WOODS/PLASTICS/COMPOSITES					
06 10 00	rough carpentry structure					
06 15 00	wood decking					

			Cost per		Other On-Site	
	= Cells to be completed - as		Unit	District	Funding	Off-Site
=	required	Quantity	(no markup)	Cost	(Adjacent Ways, etc.)	Adjacent Ways
06 20 00	finish carpentry					
06 40 00	millwork/casework					
06 60 00	plastic/glass fiber					
	Division 6 total	0.00		\$0.00	\$0.00	\$0.00
Div 7	THERMAL/MOISTURE					
07 10 00	waterproofing/dampproofing					
07 20 00	building insulation					
07 21 00	foam roof					
07 25 00	weather barrier					
07 31 00	roof shingles					
07 32 00	roof tiles					
07 50 00	membrane roofing					
07 60 00	metal roof					
07 60 00	general sheet metal					
07 72 00	roof accessories					
07 81 00	sprayed fireproofing					
07 84 00	firestopping					
07 95 00	roof expansion joint					
07 92 00	joint sealants					
	Division 7 total	0.00		\$0.00	\$0.00	\$0.00
Div 8	OPENINGS					
81 10 00	doors & frames					
08 33 00	overhead doors					
08 40 00	storefronts					
08 44 00	curtain walls					
08 50 00	windows					
08 60 00	skylights					
08 70 00	hardware					
08 71 13	automatic doors					
08 79 00	knox box					
08 80 00	glass & glazing					
	Division 8 total	0.00		\$0.00	\$0.00	\$0.00
Div 9	FINISHES					
09 24 00	stucco/EIFS systems					
09 20 00	interior metal studs/gypsum board					
09 22 00	exterior metal stud framing					
09 23 00	decorative plaster					
09 51 00	acoustical ceilings					
09 31 00	ceramic tile					
09 65 00	resilient flooring					
09 68 00	carpet					
09 64 00	wood floors					
09 67 00	ероху					
09 80 00	sound panels					
09 90 00	painting					
09 77 00	fiberglass reinforced panels					
	Division 9 total	0.00		\$0.00	\$0.00	\$0.00
Div 10	SPECIALTIES					
10 11 00	visual display boards					
10 14 00	signage					

			Cost per		Other On-Site	
	= Cells to be completed - as		Unit	District	Funding	Off-Site
_	required	Quantity	(no markup)	Cost	(Adjacent Ways, etc.)	Adjacent Ways
10 21 13	toilet partitions & accessories					
10 21 23	cubicle track & curtain					
10 22 26	operable partitions/walls					
10 26 00	wall protection					
10 44 00	fire exttinguishers & cabinets					
10 50 00	lockers					
10 56 13	storage shelving					
10 73 00	shelters					
10 73 13	awnings					
10 73 13	canopy/ramada					
10 75 00	flagpoles					
	Division 10 total	0.00		\$0.00	\$0.00	\$0.00
Div 11	EQUIPMENT					
11 16 16	floor safe					
11 41 00	kitchen equipment					
11 51 00	library equipment					
11 52 00	audio/visual equipment					
11 52 13	projection screens					
11 53 13	fume hoods					
11 61 43	stage curtain/equipment					
11 66 00	sports/PE equipment					
11 68 00	playground equipment					
11 68 23	site basketball courts					
11 68 33	ballfield backstop					
11 68 33	sports fields					
	Division 11 total	0.00		\$0.00	\$0.00	\$0.00
Div 12	FURNISHINGS					
12 20 00	window coverings					
12 31 00	metal casework					
12 32 16	plastic laminate casework					
12 61 00	auditorium seating					
12 93 13	bike racks					
12 93 23	trash enclosures			·		
	Division 12 total	0.00		\$0.00	\$0.00	\$0.00
Div 13	SPECIAL CONST		l e			
13 00 00	equipment/storage enclosures					
13 11 00	swimming pools					
13 34 16 13 34 19	bleachers metal buildings					
13 34 19	Division 13 total	0.00		\$0.00	\$0.00	\$0.00
Div 14	CONVEYING	0.00		φυ.υυ	φυ.υυ	φυ.υυ
14 00 00	material handling					
14 00 00	elevators					
14 42 00	wheelchair lifts					
	Division 14 total	0.00		\$0.00	\$0.00	\$0.00
Div 21	FIRE SUPPRESSION					
21 10 00	fire protection/sprinklers					
	Division 21 total	0.00		\$0.00	\$0.00	\$0.00
Div 22	PLUMBING					
22 11 00	supply piping					
	5		1			

			Cost per		Other On-Site	
	= Cells to be completed - as		Unit	District	Funding	Off-Site
=	required	Quantity	(no markup)	Cost	(Adjacent Ways, etc.)	Adjacent Ways
22 13 00	waste water piping					
22 31 00	water treatment (softner)					
22 32 00	water treatment (filtered)					
22 35 00	water heaters					
22 42 00	plumbing fixtures					
	Division 22 total	0.00		\$0.00	\$0.00	\$0.00
Div 23	MECHANICAL					
23 07 13	mechanical insulation					
23 50 00	HVAC - central plant (cooling)					
23 60 00	HVAC - central plant (heating)					
23 76 00	HVAC - evaporative					
23 80 00 23 81 26	HVAC - package units HVAC - split system					
23 01 20	Division 23 total	0.00		\$0.00	\$0.00	\$0.00
Div 25	INTEGRATED AUTOMATION	0.00		Ψ0.00	ψ0.00	Ψ0.00
25 50 00	EMS					
23 30 00	Division 25 total	0.00		\$0.00	\$0.00	\$0.00
Div 26	ELECTRICAL ELECTRICAL	0.00		φο.σσ	φο.σσ	ψ0.00
26 10 00	site electrical	1.00				\$299,969.78
26 10 00	electrical	1.00				Ψ299,909.70
26 30 00						
26 56 00	generators exterior lighting					
20 30 00	Division 26 total	299,969.78		\$0.00	\$0.00	\$299,969.78
Div 27	COMMUNICATIONS	200,000.10		ψ0.00	ψ0.00	Ψ200,000.10
27 20 00	data cabling					
27 24 00	TV cabling					
27 30 00	intercom					
27 32 13	communications/phone					
27 02 10	Division 27 total	0.00		\$0.00	\$0.00	\$0.00
Div 28	SAFETY AND SECURITY	0.00		\$0.00	\$0.00	\$ 0.00
28 10 00	security system					
28 20 00	surveillance/alarm					
28 31 00	fire alarm system					
200:00	Division 28 total	0.00		\$0.00	\$0.00	\$0.00
Div 31	EARTHWORK			, , , , ,	, , ,	, , , , ,
31 23 00	earthwork/mass excavation	1.00			\$70,683.24	\$242,329.73
31 23 00	import/export dirt	1.00			\$7,164.17	\$319,950.00
31 31 00	soil treatment - termite				, , -	, ,
	Division 31 total	640,127.13		\$0.00	\$77,847.40	\$562,279.73
Div 32	EXTERIOR IMPROVEMENTS	,		·	, ,	. ,
32 00 00	parking					
32 00 00	unusal site conditions					
32 10 00	asphalt/paving	1.00			\$207,069.44	\$504,348.25
32 13 00	site concrete	1.00			\$115,486.50	\$205,022.60
32 13 00	sidewalks					. , ,
32 17 00	striping/signage	1.00				\$31,425.00
32 31 13	chainlink fencing					, , , , , ,
32 31 19	wrought iron fencing					
32 32 00	retaining walls					
32 80 00	irrigation					
52 55 55						

						=
			Cost per		Other On-Site	
	= Cells to be completed - as		Unit	District	Funding	Off-Site
	required	Quantity	(no markup)	Cost	(Adjacent Ways, etc.)	Adjacent Ways
32 90 00	landscaping	1.00				\$5,187.74
	Division 32 total	1,068,539.53		\$0.00	\$322,555.94	\$745,983.59
Div 33	UTILITIES					
33 00 00	site utilities	1.00			\$0.00	\$772,586.36
33 21 00	wells					
33 32 16	lift station					
33 36 00	septic system					
33 40 00	stormwater/drainage	1.00				\$28,200.00
33 49 23	drywells	1.00				\$52,107.00
	Division 33 total	852,893.36		\$0.00	\$0.00	\$852,893.36
	Subtotal	\$2,926,069.80		\$37,620.00	\$403,403.34	\$2,485,046.46
	A/E Fee		\$495,369.00	\$94,955.00	\$73,899.00	\$326,515.00
4.19%	Contractor Fee		\$189,718.68		\$26,787.77	\$162,930.92
	Project Manager Fee		\$93,300.00		\$15,000.00	\$78,300.00
	General Condtions		\$199,136.08		\$31,754.43	\$167,381.65
6.42%	Contactor Contingency		\$290,385.74		\$41,001.69	\$249,384.06
1.20%	Builders Risk/Liability Insurance		\$54,205.34		\$7,653.65	\$46,551.69
0.94%	Performance & Payment Bonds		\$42,589.91		\$6,013.58	\$36,576.33
5.18%	Sales Tax		\$234,244.50		\$33,074.69	\$201,169.80
	Subtotal	\$1,598,949.25		\$94,955.00	\$235,184.80	\$1,268,809.45
	Grand Guaranteed Maximum Price (GMP)	\$4,525,0	19.05			



Exhibit A.1 - Estimate (OFFSITE)

Buckeye Elementary

John McCain Elementary School

September 10, 2020

Monte Verde Site

230,314

DIV	DESCRIPTION	Adjacent Ways TOTAL
1A	Project Requirements	42,469
3A	Concrete	320,509
26A	Electrical	299,970
31A	Earthwork	1,382,970
32B	Landscaping	5,188
33A	Site Utilities	800,786
33B	Drywells	52,107
	General Conditions	156,667
	Construction Contingency (2.5%)	96,795
	Project Contingency (5%)	193,590
	Liability Insurance	38,718
	Builders Risk Insurance	15,487
	Payment & Performance Bond	42,590
	Gross Receipts Tax	234,244
	Contractor Fee	189,719
	TOTAL CONSTRUCTION COSTS:	3,871,810



HESS - ROUNTREE, INC.

Consulting Engineers & Land Surveyors 9831 South 51st Street, Suite C110 Phoenix. Arizona 85044

August 13, 2020

Buckeye Elementary School District 25555 W. Durango Street Buckeye, AZ 85326

Attn: Dr. Drew Davis, Assistant Superintendent of Operations and Innovations

Re: PROPOSAL FOR THE CIVIL DESIGN AND

CONSRUCTION ADMINISTRATION SERVICES FOR THE JOHN McCAIN ELEMENTARY SCHOOL

IN THE MONTE VERDE SUBDIVISION

Dear Dr. Davis,

Thank you for the opportunity to submit a proposal for the above referenced project. We see our scope of services and associated fees as follows:

A. ALTA SURVEY

Perform field boundary survey based on legal description and title report. Compute calculation for the true boundary point locations. Set permanent property corners. Draft results of boundary survey along with topographic survey information at scale of 1" = 20'. Provide AutoCAD disk of survey and one reproducible mylar. The fee includes obtaining a current title report. The fee includes setting the property corners for the site as required by state law.

ONSITE FEE: N/A
OFFSITE FEE: \$ 5,700.00

B. TOPOGRAPHIC SURVEY

Perform topographic survey of the new school site and the proposed roadways from the school site to Lower Buckeye Road and Miller Road. Field acquire locations and elevations of existing improvements within the survey area. Finish grades will be obtained at 50-foot intervals and grade breaks. Above ground utility locations and underground utility locations shown on as-builts provided by the Owner or utility companies will be shown on the drawings. Rim and invert of the existing storm drainage system will be obtained if accessible. Rim and invert elevations of existing sanitary sewer manholes will be obtained as needed for design purposes. We will obtain location of all trees with a trunk of 2 inches in diameter. Shrubs and groundcover will not be located.

ONSITE FEE: \$ 3,800.00 OFFSITE FEE: \$ 4,800.00

C. GRADING AND DRAINAGE

Analyses, design and preparation of plans, specifications and drainage report. Design includes onsite paving, parking lots, striping and signing, site storm drain lines, retention basins and appropriate details. A drainage report with retention calculations, inlet sizing calculations and pipe sizing calculations will be provided per the City of Buckeye requirements. We will prepare a stormwater pollution prevention plan (SWPP) in accordance with ADEQ requirements. We will assist in the preparation of the associated Notice of Intent (NOI) for signature by the Owner. We will coordinate the design with the Owner, Architect and City.

ONSITE FEE: \$ 26,400.00 OFFSITE FEE: \$ 4,600.00

D. ONSITE WATER AND SEWER

Analyses, design and preparation of plans and specifications for the design of water and sewer services for the new school. A water and sewer report will be provided per the governmental agencies requirements.

ONSITE FEE: \$ 5,500.00 OFFSITE FEE: \$ N/A

E. ONSITE FIRE LINE

Analyses, design, preparation of plans and specifications for onsite fire line up to within five feet (5') of the buildings. Submit to governing agencies for review. Fire Protection Engineer to provide locations and elevations of lines coming out of buildings. Includes fire flow test and fire flow calculations. The fee for the offsite water and in the streets adjacent to the school site is in a separate line item.

ONSITE FEE: \$ 5,000.00 OFFSITE FEE: \$ N/A

F. OFFSITE IRRIGATION

Analyses, design, preparation of plans and specifications to remove the existing flood irrigation ditches and install underground piping and new ditches to replace the existing ditches.

ONSITE FEE: \$ N/A OFFSITE FEE: \$ 4,000.00

G. CONSTRUCTION SERVICES

We will provide quality control inspections/site meetings to monitor the construction for general conformance with the contract documents. We will review all civil related submittals, requests for information, pay applications and change order requests.

ONSITE FEE: \$ 8,000.00 OFFSITE FEE: \$ 12,000.00

H. DESIGN CONTINGENCY

The design contingency is for unforeseen design work not anticipated, but which is required for the completion of the project. Work under this item will be billed on a time and material basis. No work under this will be started without approval from the construction manager and/or the School District.

ONSITE FEE: \$ 4,000.00 OFFSITE FEE: \$ 4,000.00

I. TRAFFIC IMPACT ANALYSIS AND SIGNING AND STRIPING PLANS

United Civil Group will provide a traffic impact analysis per the City of Buckeye standards. They will also provide the roundabout design and the school crossing signing and striping plans that are required by the City.

ONSITE FEE: \$ N/A OFFSITE FEE: \$ 14,200.00

J. REIMBURSABLE EXPENSES

Reimbursable expenses will be billed on an actual cost basis. Hess-Rountree, Inc. does not mark up to the actual cost. Reimbursable expenses typically consist of printing plans, specifications and reports for submittals to the City and utility companies, plan review fees for the state fire marshal and ADEQ.

ONSITE FEE: \$ 3,000.00 OFFSITE FEE: \$ 1,000.00

K. OFFSITE DRAINAGE STUDY (ERIE & ASSOCIATES)

Erie and Associates will provide an offsite drainage study to determine if offsite flows impact the site and to assist in safely routing offsite flows through the site. They will determine the water surface elevation of the 100-year storm at the site so we can set the finish floor a minimum of 1 foot above the 100-water surface elevation as required by the City.

ONSITE FEE: N/A
OFFSITE FEE: \$ 6,800.00

L. SOILS REPORT (RAMM)

Ricker, Atkinson, McBee, Morman and Associates (RAMM) will provide the soils report for the project. The proposal from RAMM is attached for your review. We have assumed that 20% of the total site area is fire lane, bus drops or offsite improvement areas, thus we have put 20% of the fee for the soils report as part of the adjacent ways fee.

ONSITE FEE: \$ 4,400.00 OFFSITE FEE: \$ 1,100.00

M. PHASE II ENVIRONMENTAL STUDY (EBI CONSULTING)

EBE Consulting Inc. will provide the environmental testing for the project. They will prepare a Phase 1 Environment study and they will provide Phase II soil sampling and testing to determine if there are residual pesticides or herbicides in the soil that are above acceptable limits. A copy of the proposals from EBI Consulting are attached for your review. Since EBI Consulting is a consultant to Hess-Rountree Inc., we request the standard conditions indicated in the proposal by EBI Consulting be included and become part of the agreement between Hess-Rountree Inc and the District. We have assumed that 20% of the total site area is fire lane, bus drops or offsite improvement areas, thus we have put 20% of the fee for the testing as part of the adjacent ways fee.

ONSITE FEE:

\$ 6,160.00

ADJACENT WAYS FEE:

\$ 1,540.00

N. MATERIAL TESTING (RAMM)

Material testing during construction will be performed by Ricker, Atkinson, McBee, Morman & Associates. The proposal from RAMM is attached for your review. The testing will be done on a time and material basis up to the estimated fee.

ONSITE FEE:

\$ 29,420.00

ADJACENT WAYS FEE:

\$ 15,320.00

O. CONSTRUCTION STAKING

Provide construction staking for the project. The work will be done on a time and material basis up to the below not to exceed fee.

ONSITE FEE:

\$ 35,200.00

ADJACENT WAYS FEE:

\$ 34.800.00

P. MANAGEMENT AND PROCESSING OF CONSULTANTS

Hess-Rountree, Inc. does not usually add any fees to those of our consultants when working with the Buckeye Elementary School District. We typically only have one consultant with relatively low fees so it is not typically an issue. For this project, we are including the fees associated with the traffic impact study, the soils report, the environmental testing, construction materials testing, and the offsite drainage study. The total cost of these items is \$78,940.00. Because of the large amount of the consultants and the time it takes to get proposals, review and approve the proposals and the time to pay all of the invoices for the work throughout construction, we have added a 4% fee for managing the consultants.

ONSITE FEE:

1,600.00

ADJACENT WAYS FEE:

\$ 1,559.00

Q. OFFSITE ROADWAY GRADING AND PAVING

Provide offsite roadway design for the new collector road from Lower Buckeye to the southwest corner of the school site. Fee includes design for fire access from the southwest corner of the school site to Miller Road.

ONSITE FEE:

N/A

OFFSITE FEE:

\$ 44,000.00

R. OFFSITE WATER AND SEWER

Design of offsite water from Miller Road to Lower Buckeye Road. Design of offsite sewer from Miller Road to the school site.

ONSITE FEE:

N/A

OFFSITE FEE:

\$ 32,000.00

S. <u>OFFSITE STREET LIGHTS (WRIGHT ENGINEERING)</u>

Design of the offsite street light. See attached proposal from Wright Engineering.

ONSITE FEE:

N/A

OFFSITE FEE:

\$ 2,995.00

T. SPRINKLER IRRIGATION PLANS (COATES IRRIGATION)

Coates Irrigation will prepare of sprinkler plans and specifications. See attached proposal from Coates Irrigation

ONSITE FEE:

\$ 2,695.00

OFFSITE FEE:

N/A

SUM	SUMMARY		ONSITE	 OFFSITE
A.	ALTA SURVEY	\$		\$ 5,700.00
B.	TOPOGRAPHIC SURVEY	\$	3,800.00	\$ 4,800.00
C.	GRADING AND DRAINAGE	\$	26,400.00	\$ 4,600.00
D.	ONSITE WATER AND SEWER	\$	5,500.00	\$
E.	ONSITE FIRE LINE	\$	5,000.00	\$
F.	OFFSITE IRRIGATION	\$		\$ 4,000.00
G.	CONSTRUCTION SERVICES	\$	8,000.00	\$ 12,000.00
Н.	DESIGN CONTINGENCY	\$	4,000.00	\$ 4,000.00
l.	TRAFFIC IMPACT ANALYSES & STRIPING	\$	MAIN MAN TANK	\$ 14,200.00
J.	REIMBUSEABLE EXPENSES	\$	3,000.00	\$ 1,000.00
K.	OFFSITE DRAINAGE STUDY (ERIE)	\$		\$ 6,800.00
L.	SOILS REPORT (RAMM)	\$	4,400.00	\$ 1,100.00
M.	PHASE II ENVIRONMENTAL STUDY (EBI)	\$	6,160.00	\$ 1,540.00
N.	MATERIALS TESTING (RAMM)	\$	29,420.00	\$ 15,320.00
Ο.	CONSTRUCTION STAKING	\$	35,200.00	\$ 34,800.00
P.	MANAGEMENT OF CONSULTANTS	\$	1,599.20	\$ 1,558.40

Q.	OFFSITE ROADWAY GRADING & PAVING	\$ 	\$ 44,000.00
R.	OFFSITE WATER & SEWER	\$ 	\$ 32,000.00
S.	OFFSITE STREET LIGHTS (WRIGHT ENGR)	\$ 	\$ 2,995.00
S.	SPRINKLER IRRIGATION (COATES IRR)	\$ 2,695.00	\$
	TOTAL	\$ 135.175.00	\$ 190.414.00

This proposal excludes, utility locating, pot-holing and any governmental review fees except as defined in the reimbursable expenses line item.

Any designs, details, layouts, specifications, etc. prepared by HESS-ROUNTREE, INC. are the exclusive property of HESS-ROUNTREE, INC. and may not be used on any other project without express permission by HESS-ROUNTREE, INC.

If the above meets with your approval, please have the District issue a purchase order for these services.

Sincerely,

HESS-ROUNTREE, INC.

President

DO:sl