CUADRO COMPARATIVO DE OFERTAS - ANEXO "A"

ESCUELA: CENTRO REGIONAL "ESCUELA ALEMANA"

OBRA: CONSTRUCCION DE DOS AULAS CON GALERIA Y SANITARIOS (PREESCOLAR)

				ARQ. ALBERTO CAYETANO ARRUA		ARQ. FEDERICO D. FLEITAS R.		NESTOR ZARZA		MANAGEL S.A.		GRUPO A+ S.R.L.	
N°	RUBRO	UNIDAD	CANTIDAD	P. UNITARIO	P. TOTAL	P. UNITARIO	P. TOTAL	P. UNITARIO	P. TOTAL	P. UNITARIO	P. TOTAL	P. UNITARIO	P. TOTAL
1	Trabajos preliminares y preparación de la obra												
	a- Demolición de cantina de existente	m2	65	11,500	747,500	14,060	913,900	22,770	1,480,050	36,500	2,372,500	41,000	2,665,000
	b- Demolición de aula de existente (salon de	m2	125.46	11,500	1,442,790	14,060	1,763,968	18,975	2,380,604	31,500	3,951,990	34,000	4,265,640
	c- Demolición de sanitario existente	m2	11.66	11,500	134,090	14,060	163,940	22,770	265,498	36,500	425,590	41,000	478,060
	d- Desmonte manual de árbol y cantero existente	un	1	575,000	575,000	421,800	421,800	341,550	341,550	500,000	500,000	600,000	600,000
	e- Limpieza general	gl.	1	460,000	460,000	850,843	850,843	493,350	493,350	650,000	650,000	850,000	850,000
	f- Replanteo de dos aulas y galería	m2	158.26	2,875	454,998	7,030	1,112,568	4,934	780,855	4,500	712,170	3,500	553,910
	g. Reacondicionamiento de muro exterior	m2	56	57,500	3,220,000	112,480	6,298,880	11,385	637,560	19,000	1,064,000	20,000	1,120,000
	h- Reparacion de canteros	un	2	575,000	1,150,000	210,900	421,800	75,900	151,800	128,500	257,000	130,000	260,000
2	**Excavaciones**				0		0		0		0		0
	a-Excavación para carga de cimiento c/ P.B.C	m3	25.15	46,000	1,156,900	35,150	884,023	30,360	763,554	38,500	968,275	54,500	1,370,675
	b- Excavación para	m3	8	80,500	644,000	42,180	337,440	30,360	242,880	38,500	308,000	54,500	436,000
3	**Cimiento**				0		0		0		0		0
	a-Cimiento de piedra bruta colocada (0,40 x0,60)	m3	25.15	230,000	5,784,500	351,500	8,840,225	136,620	3,435,993	228,000	5,734,200	245,000	6,161,750

4	Estructura de H° A° :				0		0		0		0		0
	a- Zapatas	m3	1	1,725,000	1,725,000	1,757,500	1,757,500	994,290	994,290	1,450,000	1,450,000	1,650,000	1,650,000
	b- Encadenado H°A° (inferior) de H° A° (13cm x 30cm.)	ml	78.6	65,550	5,152,230	98,420	7,735,812	60,720	4,772,592	98,500	7,742,100	105,500	8,292,300
	c- Encadenado H°A° (superior) de H° A° (13cm x 30cm.)	ml	72.5	65,550	4,752,375	98,420	7,135,450	60,720	4,402,200	98,500	7,141,250	105,500	7,648,750
	d- Losa de H° A°	m3	0.26	1,725,000	448,500	2,038,700	530,062	1,062,600	276,276	1,450,000	377,000	1,700,000	442,000
	e- Pilares de H° A°	m3	3.78	1,725,000	6,520,500	2,038,700	7,706,286	1,047,420	3,959,248	1,450,000	5,481,000	1,700,000	6,426,000
	f- Viga de H° A° en galeria (15cm x 30cm)	m3	0.65	1,725,000	1,121,250	2,038,700	1,325,155	1,062,600	690,690	1,450,000	942,500	1,700,000	1,105,000
5	Muros de Nivelación						0		0		0		0
	a- De 0,30 cm.	m2	39.3	120,750	4,745,475	154,660	6,078,138	91,080	3,579,444	148,500	5,836,050	150,000	5,895,000
	Muro de contencion lado sur	m2	15	103,500	1,552,500	182,780	2,741,700	53,130	796,950		0	95,000	1,425,000
6	Relleno y apisonado de interiores	m3	97.5	11,500	1,121,250	42,180	4,112,550	68,310	6,660,225	65,800	6,415,500	123,500	12,041,250
7	Aislación Asfaltica de				0		0		0		0		0
	a- De 0,15- Horizontal c/panderete	m2	12.67	80,500	1,019,935	24,605	311,745	53,130	673,157	85,600	1,084,552	95,000	1,203,650
	b- De 0,30- Horizontal	m2	7.2	57,500	414,000	30,932	222,710	75,900	546,480	125,000	900,000	133,000	957,600
	c- De canteros	m2	5.25	57,500	301,875	24,605	129,176	53,130	278,933	85,000	446,250	95,000	498,750
8	Muros de elevación :				0		0		0		0		0
	a- De 0,15 de ladrillos comunes para revoque	m2	226	63,250	14,294,500	91,390	20,654,140	49,335	11,149,710	68,500	15,481,000	86,000	19,436,000
	b- De 0,30 ladrillos comunes para revoquede	m2	85	120,750	10,263,750	182,780	15,536,300	91,080	7,741,800	128,500	10,922,500	150,000	12,750,000

	c- Envarillado bajo aberturas 2 Ø 8 por hilada (2 hiladas)	ml	80.5	11,500	925,750	44,992	3,621,856	18,216	1,466,388	22,500	1,811,250	30,000	2,415,000
9	**Pilares :**				0		0		0		0		0
	a- De 0,45 x 0,45 visto para corredor c/ nucleo de HºAº 4 Ø de 6 mm.	ml	14.5	115,000	1,667,500	154,660	2,242,570	72,105	1,045,523	115,000	1,667,500	125,000	1,812,500
10	**Pilares en galeria de museo**				0		0		0		0		0
	a- De 0,45 x 0,45 visto para corredor c/ nucleo de HºAº 4 Ø de 6 mm.	ml	8.5	115,000	977,500	154,660	1,314,610	72,105	612,893	115,000	977,500	125,000	1,062,500
11	**Techo :**				0		0		0		0		0
	a- De Chapa Trapezoidal con estructura metálica y membrana Isolant	m2	195.4	218,500	42,694,900	210,900	41,209,860	129,030	25,212,462	215,000	42,011,000	230,000	44,942,000
	b- Cenfa de chapa Nº26 desarrollo 80cm	ml	11	230,000	2,530,000	70,300	773,300	75,900	834,900	125,000	1,375,000	133,000	1,463,000
	c- Cielorraso de PVC en aula	m2	102.12	74,750	7,633,470	84,360	8,614,843	45,540	4,650,545	79,800	8,149,176	75,000	7,659,000
	d- Cielorraso de PVC en galería	m2	65	74,750	4,858,750	84,360	5,483,400	45,540	2,960,100	79,800	5,187,000	75,000	4,875,000
12	**Rampa de Acceso al Preescolar Revoque**				0		0		0		0		0
	a-Demolicion de cantero existente	m2	6	34,500	207,000	14,060	84,360	7,590	45,540	12,500	75,000	13,000	78,000
	b- De 0,15 de ladrillos comunes para revoque	m2	8	63,250	506,000	91,390	731,120	49,333	394,664	68,500	548,000	86,000	688,000
	c- Relleno y apisonado de interiores	m3	6	11,500	69,000	42,180	253,080	68,310	409,860	65,800	394,800	122,000	732,000
	d-Alisado de cemento	m2	10	34,500	345,000	35,150	351,500	11,385	113,850	21,000	210,000	20,000	200,000

	e-Revoque exterior c/hidrófugo, fratachado	m2	10	27,600	276,000	27,417	274,170	21,525	215,250	33,500	335,000	36,000	360,000
	f-Baranda metálica	m2	9	287,500	2,587,500	210,900	1,898,100	91,080	819,720	158,500	1,426,500	163,000	1,467,000
13	**Revoque**				0		0		0		0		0
	a-Revoque interior c/hidrófugo, fratachado y filtrado	m2	294	27,600	8,114,400	27,417	8,060,598	21,252	6,248,088	33,500	9,849,000	35,500	10,437,000
	b-Revoque exterior c/hidrófugo, fratachado y filtrado	m2	165.3	27,600	4,562,280	35,150	5,810,295	21,252	3,512,956	33,500	5,537,550	35,500	5,868,150
14	Contrapiso de H° de cascotes - h=10 cm. (en aulas)	m2	145	23,000	3,335,000	28,120	4,077,400	22,011	3,191,595	34,500	5,002,500	36,000	5,220,000
15	Contrapiso de H° de cascotes - h=10 cm. (en galeria y borde lado sur)	m2	40	23,000	920,000	28,120	1,124,800	22,012	880,480	34,500	1,380,000	36,000	1,440,000
16	**Piso en aula**				0		0		0		0		0
	a- Baldosa Calcárea en aula (20cm x 20cm)	m2	112	51,750	5,796,000	77,330	8,660,960	44,402	4,973,024	63,500	7,112,000	78,000	8,736,000
	b- Zócalo calcáreos	ml	50	18,400	920,000	21,090	1,054,500	13,662	683,100	21,500	1,075,000	23,500	1,175,000
17	**Piso en galería y borde lado sur**				0		0		0		0		0
	a- Baldosa Calcárea (20cmx20cm)	m2	76	51,750	3,933,000	77,330	5,877,080	21,632	1,644,032	63,500	4,826,000	38,000	2,888,000
	b- Zócalo	ml	37	18,400	680,800	21,090	780,330	13,662	505,494	21,500	795,500	24,000	888,000
	c- Piso en patio	m2	182	51,750	9,418,500	84,360	15,353,520	21,632	3,937,024	36,500	6,643,000	37,500	6,825,000
18	**Colocación de aberturas de madera:**				0		0		0		0		0
	a- Contramarco de madera	ml	40	11,500	460,000	21,090	843,600	7,590	303,600	13,500	540,000	13,000	520,000
	b- De marco 0,15 y puerta de 0,80 x 2,10 tablero	un	2	747,500	1,495,000	1,335,700	2,671,400	683,100	1,366,200	1,150,000	2,300,000	1,100,000	2,200,000

	c- De marco 0,15 y puerta para boxes - baño 0,60 x 1,20	un	4	747,500	2,990,000	421,800	1,687,200	455,400	1,821,600	650,000	2,600,000	800,000	3,200,000
19	**Colocación de Aberturas Metalicas:**				0		0		0		0		0
	a- Ventanas tipo balancín de 1.50 x 1,00	m2	9	310,500	2,794,500	351,500	3,163,500	342,916	3,086,244	385,000	3,465,000	600,000	5,400,000
	b- Ventanas tipo balancín de 1.50 x 1,70	m2	20.4	310,500	6,334,200	351,500	7,170,600	342,916	6,995,486	385,000	7,854,000	600,000	12,240,000
	c- Ventanas tipo balancín de 1.50 x 0,50 (sanitarios)	m3	1.5	310,500	465,750	351,500	527,250	342,916	514,374	385,000	577,500	600,000	900,000
	d- Marco y Puerta 1,30 x 2,50 (2 hojas)	un	2	1,725,000	3,450,000	1,054,500	2,109,000	910,800	1,821,600	1,485,000	2,970,000	1,500,000	3,000,000
	e- Rejas de hierro amurado c/antioxido	m2	36	287,500	10,350,000	281,200	10,123,200	91,080	3,278,880	165,000	5,940,000	155,000	5,580,000
	f- Rejas de hierro amurado c/antioxido en patio	m2	8	287,500	2,300,000	281,200	2,249,600	91,080	728,640	165,000	1,320,000	155,000	1,240,000
	g- Portón de Acceso reacondicionamiento y colocación	un	1	2,875,000	2,875,000	210,900	210,900	455,400	455,400	785,000	785,000	800,000	800,000
20	**Pinturas :**				0		0		0		0		0
	a- De paredes al látex sin enduido	m2	459.3	17,250	7,922,925	21,090	9,686,637	20,493	9,412,435	26,500	12,171,450	35,000	16,075,500
	b- De pilares vistos con antimoho incoloro	m2	26.1	17,250	450,225	21,090	550,449	12,903	336,768	23,500	613,350	22,500	587,250
	d- De aberturas metálicas con pintura sintética	m2	70	17,250	1,207,500	33,744	2,362,080	18,975	1,328,250	28,500	1,995,000	33,500	2,345,000
	e- De aberturas de madera con barniz (boxes y depósito)	m2	14	17,250	241,500	21,090	295,260	13,662	191,268	22,500	315,000	22,500	315,000

	f- De Cenefas, canaletas y bajadas con esmalte sintético	ml	71	10,350	734,850	21,090	1,497,390	16,698	1,185,558	28,500	2,023,500	28,500	2,023,500
	g- De rejas metalicas con pintura sintética	m2	44	17,250	759,000	33,744	1,484,736	13,662	601,128	23,500	1,034,000	22,500	990,000
	h- De Portón de Acceso	m2	2.5	115,000	287,500	33,744	84,360	21,252	53,130	23,500	58,750	36,500	91,250
21	Vidrios triples	m2	29.4	92,000	2,704,800	126,540	3,720,276	47,058	1,383,505	84,000	2,469,600	82,000	2,410,800
22	**Instalación Pluvial**				0		0		0		0		0
	a- Canaleta y Bajada N° 26 - desarrollo 50cm.	ml	60	51,750	3,105,000	77,330	4,639,800	45,540	2,732,400	68,500	4,110,000	75,000	4,500,000
23	**Instalación eléctrica**				0		0		0		0		0
	a-Línea subterránea trifásica con de 6 a 10 mm	ml	20	35,075	701,500	63,270	1,265,400	26,675	533,500	38,500	770,000	46,500	930,000
	b-Puntos y tomas	un	24	115,000	2,760,000	112,480	2,699,520	51,612	1,238,688	78,500	1,884,000	90,000	2,160,000
	c-Circuito Ventilador de techo	un	4	120,750	483,000	140,600	562,400	49,335	197,340	100,000	400,000	88,500	354,000
	d-Tablero seccional c/6 llaves TM.	un	2	862,500	1,725,000	351,500	703,000	299,805	599,610	435,000	870,000	540,000	1,080,000
	e-Provisión y coloc. de artef. Tipo florecente 3 x 40	un	8	316,250	2,530,000	253,080	2,024,640	60,720	485,760	105,000	840,000	105,000	840,000
	f-Provisión y coloc. de artef. Tipo florecente 1 x 40	un	10	201,250	2,012,500	112,480	1,124,800	22,770	227,700	53,500	535,000	38,000	380,000
	g-Circuitos Independientes (A.A) con llave de corte	un	2	186,875	373,750	492,100	984,200	254,265	508,530	365,000	730,000	380,000	760,000

	h-Provisión y coloc. de Ventilador de Techo	un	4	345,000	1,380,000	421,800	1,687,200	151,800	607,200	350,000	1,400,000	250,000	1,000,000
24	**Revestimiento**				0		0		0		0		0
	a- Azulejos blancos 20 x 30 h= 2,0 en sanitarios	m2.	56	86,250	4,830,000	63,270	3,543,120	47,817	2,677,752	68,500	3,836,000	85,000	4,760,000
25	**Instalacion Sanitaria**				0		0		0		0		0
	a-Alimentacion de Agua corriente fria	un	6	310,500	1,863,000	597,550	3,585,300	235,290	1,411,740	385,000	2,310,000	420,000	2,520,000
	b-Desague cloacal hasta el primer registro	un	6	310,500	1,863,000	597,550	3,585,300	212,520	1,275,120	350,000	2,100,000	380,000	2,280,000
	c-Rejilla en patio desague pluvial (0,30 m. ancho)	ml.	5	138,000	690,000	210,900	1,054,500	45,540	227,700	75,000	375,000	80,000	400,000
	d-Camara de Inspeccion 30x30 inst. pluvial	un	8	230,000	1,840,000	210,900	1,687,200	189,750	1,518,000	295,000	2,360,000	342,000	2,736,000
	e-Camara de Inspeccion 40x40	un	4	230,000	920,000	281,200	1,124,800	189,750	759,000	315,000	1,260,000	310,000	1,240,000
	f-Caño PVC 100mm	ml.	60	34,500	2,070,000	24,605	1,476,300	21,252	1,275,120	28,500	1,710,000	35,640	2,138,400
	g-Artefactos sanitarios (2) inodoros colocados	un	4	540,500	2,162,000	351,500	1,406,000	288,420	1,153,680	485,000	1,940,000	500,000	2,000,000
	h-Mesada granítica reconst. con 3 bacha colocada c/grifería "FV"	m2.	2	948,750	1,897,500	421,800	843,600	561,660	1,123,320	1,150,000	2,300,000	990,000	1,980,000
26	**Mobiliarios :**				0		0		0		0		0
	a- Pizarrones	un	2	345,000	690,000	548,340	1,096,680	1,138,500	2,277,000	1,850,000	3,700,000	2,000,000	4,000,000
27	Limpieza final	gl.	1	575,000	575,000	843,600	843,600	550,000	550,000	450,000	450,000	850,000	850,000
				TOTAL GENERAL	**254,455,268**	**TOTAL GENERAL**	**302,013,161**	**TOTAL GENERAL**	**178,096,401**	**TOTAL GENERAL**	**270,463,853**	**TOTAL GENERAL**	**306,590,185**