ITEM	DESCRIPCION	UN.	Contractual	Convenio 1	Convenio 2	Convenio 3	Diferencia	Precio unitario	Monto Contractual	Monto Convenio 1	Monto Convenio 2	Monto Convenio 3	% Variación CM 3/CM2	% Incidencia
	MOVILIZACION													
1.1	Movilización y Desmovilización	gl	1	1.00	1.00	1.00	-	355,595,568	355,595,568	355,595,568	355,595,568	355,595,568	0.00%	2.43%
	MOVIMIENTO DE SUELO													
1.2	Desbosque, Desbroce y Despeje	ha	13.00	13.00	13.00	12.98	-0.02	5,148,416	66,929,408	66,929,408	66,929,408	66,826,440	-0.15%	0.46%
1.3	Excavación no Clasificada	m3	2,500.00	3,000.00	3,411.30	3,411.30	-	24,126	60,315,000	72,378,000	82,301,024	82,301,024	0.00%	0.56%
1.4	Excavación de Bolsones	m3	700.00	6,500.00	4,778.02	4,778.02	-	33,360	23,352,000	216,840,000	159,394,747	159,394,747	0.00%	1.09%
1.5	Excavación de Zanjas de Drenaje	m3	810.00	810.00	896.53	1,216.53	320.00	28,736	23,276,160	23,276,160	25,762,686	34,958,206	35.69%	0.24%
1.6	Terraplén (ultima capa mejorada CBR mayor a 15)	m3	47,750.00	60,188.63	63,338.63	63,434.47	95.84	35,938	1,716,039,500	2,163,058,985	2,276,263,685	2,279,707,983	0.15%	15.55%
	REMOCIONES Y TRASLADOS													
1.7	Remoción de Obras de Arte	gl	1.00	1.00	1.00	1.00	-	17,845,940	17,845,940	17,845,940	17,845,940	17,845,940	0.00%	0.12%
1.8	Traslado de Columnas Eléctricas	un	29.00	45.00	52.00	52.00	-	2,043,323	59,256,367	91,949,535	106,252,796	106,252,796	0.00%	0.72%
1.9	Traslado de Cañerias de Agua	m	800.00	800.00	1,203.40	1,093.40	-110.00	49,066	39,252,800	39,252,800	59,046,024	53,648,764	-9.14%	0.37%
	PAVIMENTO													
	EMPEDRADO TRAMO 0+000 AL 4+650													
	Pavimento Tipo Empedrado	m2	35,210.63					34,071	1,199,661,375	0		0	0.00%	0.00%
1.11	Carpeta de Concreto Asfáltico (e=3 cm)	m3	2,428.72	1,494.60	1,505.51	1,504.23	-1.28	1,135,322	2,757,379,248	1,696,852,261	1,709,238,624	1,707,785,412	-0.09%	11.65%
1.12	Riego de Liga (0,5 litros / m2)	m2	48,574.40	101,632.80	99,978.40	100,071.56	93.16	6,373	309,564,651	647,705,834	637,162,343	637,756,052	0.09%	4.35%
1.13	Imprimación con MC 30 (1,2 litros / m2)	m2	48,574.40	50,816.40	50,054.00	49,686.68	-367.32	8,705	422,840,152	442,356,762	435,720,070	432,522,549	-0.73%	2.95%
1.14	Base de Macadam Hidraulico (10 cm). 4+650 A 11+589	m3	7,286.16	5,231.10	4,959.16	4,983.68	24.52	206,787	1,506,683,168	1,081,723,476	1,025,489,819	1,030,560,236	0.49%	7.03%
1.15	Sub Base de Macadam Hidráulico (15 cm)	m3	7,286.16	7,846.65	7,486.05	7,438.69	-47.36	204,237	1,488,103,460	1,602,576,256	1,528,927,373	1,519,255,730	-0.63%	10.37%
1.16	Banquina de Ripio	m3	4,780.00					69,194	330,747,320	0		0	0.00%	0.00%
	OBRAS DE ARTE													
1.17	Alcantarillas	m3	55.00	55.00			-	268,645	14,775,475	14,775,475		0	0.00%	0.00%
1.18	ATHºAº 100.80	m	37.00	60.00	12.70	12.70	-	1,836,988	67,968,556	110,219,280	23,329,748	23,329,748	0.00%	0.16%
1.19	ACHºAº 1x1,0X1.0m	m	10.00				-	2,570,907	25,709,070	0		0	0.00%	0.00%
1.20	ACHºAº 3x1,0X1,0m	m	10.00	11.60	11.60	11.60	-	5,927,331	59,273,310	68,757,040	68,757,040	68,757,040	0.00%	0.47%
1.21	ACHºAº 1x1,50X1,50m	m	24.00	10.40	10.40	10.40	-	3,543,245	85,037,880	36,849,748	36,849,748	36,849,748	0.00%	0.25%
1.22	ACHºAº 2x1,50x1,50m	m	37.00	39.92	38.58	38.58	-	6,019,581	222,724,497	240,301,674	232,235,435	232,235,435	0.00%	1.58%
	ACHºAº 2x3,0x3,0m	m	27.00				-	13,357,445	360,651,015	0		0	0.00%	0.00%
1.24	ACHºAº 3x3,0x3,0m	m	10.00				-	19,727,734	197,277,340	0		0	0.00%	0.00%
1.25	Cunetas Revestidas de Hormigón (fck=18MPA)	m3	1,520.00	996.00	605.56	604.59	-0.97	901,626	1,370,471,520	898,019,496	545,988,641	545,114,063	-0.16%	3.72%
1.26	Disipadores de Energía (fck=18MPA)	m3	12.00	12.00	12.00	12.00	-	1,302,700	15,632,400	15,632,400	15,632,400	15,632,400	0.00%	0.11%
1.27	Cordón Cuneta de Hormigón (fck=25MPA)	m3	294.00	475.00	420.00	362.25	-57.75	954,408	280,595,952	453,343,800	400,851,360	345,734,298	-13.75%	2.36%
1.28	Dren de banquina (cada 30 m)	m	902.10	1,417.20	1,260.44	1,235.66	-24.78	111,764	100,822,304	158,391,941	140,871,816	138,102,304	-1.97%	0.94%
	OBRAS COMPLEMENTARIAS													
1.29	Señalización Vertical	m2	26.00	26.00	31.00	48.10	17.10	1,228,880	31,950,880	31,950,880	38,095,280	59,109,128	55.16%	0.40%
1.30	Señalización horizontal	m2	1,734.80	3,100.00	3,800.00	3,805.30	5.30	50,729	88,004,669	157,259,900	192,770,200	193,039,064	0.14%	1.32%
1.31	Defensas Metálicas	m	320.00	320.00	400.00	400.00	-	260,074	83,223,680	83,223,680	104,029,600	104,029,600	0.00%	0.71%
1.32	Cobertura de Cesped	m2	23,178.40	33,178.00	30,000.00	30,000.00	-	8,555	198,291,212	283,837,790	256,650,000	256,650,000	0.00%	1.75%
1.33	Protección de Áreas de Prestamos	m	1,000.00	800.00			-	52,149	52,149,000	41,719,200		0	0.00%	0.00%
1.34	Cordón de Hormigón (fck=21Mpa)	m	11,785.14	3,294.00	3,150.00	2,602.80	-547.20	77,235	910,225,288	254,412,090	243,290,250	201,027,258	-17.37%	1.37%
1.35	Alambrado	m	1,220.00	1,220.00	450.00	450.00	-	27,267	33,265,740	33,265,740	12,270,150	12,270,150	0.00%	0.08%
1.36	Cartel de Obra	un	2.00	2.00	2.00	2.00	-	6,647,488	13,294,976	13,294,976	13,294,976	13,294,976	0.00%	0.09%
	INSTALACIONES Y SERVICIOS ESPECIALIZADOS													
1.37	Instalaciones y servicios especializados	mes	12.00	15.00	19.00	20.00	1.00	5,747,500	68,970,000	86,212,500	109,202,500	114,950,000	5.26%	0.78%
2	**ITEMS NUEVOS - CONVENIO Nº 1**													
2.1	Regularización en calzada 50Kg/m2 Tramo 4+560 a 11+589	Tn		2,491.00	2,524.36	2,497.17	-27.18	453,482		1,129,623,662	1,144,749,554	1,132,422,553	-1.08%	7.73%
2.2	Base de Macadam Hidraulico (15 cm).Tramo 0+000 a 4+650	m3		4,900.50	5,180.72	5,059.53	-121.20	206,787		1,013,359,694	1,071,306,208	1,046,244,410	-2.34%	7.14%
2.3	Riego de Liga en Calzada 0+000 - 4+650	m2		34,303.50	34,538.19	33,782.25	-755.93	6,373		218,616,206	220,111,872	215,294,305	-2.19%	1.47%
2.4	Imprimación con MC 30 (1,2 litros / m2). Tramo 0+000 a 4+650	m2		34,303.50	34,538.19	33,782.25	-755.94	8,705		298,611,968	300,654,927	294,074,486	-2.19%	2.01%
2.5	Regularización de Concreto Asfáltico 70 Kg/m2. Tramo 0+000 a 4+65	Tn		2,286.90	2,417.68	2,364.77	-52.91	453,482		1,037,067,986	1,096,372,167	1,072,380,629	-2.19%	7.32%
2.6	**BANQUINAS PAVIMENTADAS TRAMO 6+650 A 11+589**													
2.7	Macadam Banquina Tramo 4+650 a 11+589 (6.939 m)	m3		2,186.00	2,025.60	1,973.62	-51.98	206,787		452,036,382	418,867,747	408,118,959	-2.57%	2.78%
2.8	Imprimación con MC 30 en Banquina (1,2 litros / m2) 4+650 - 11+590			21,861.00	20,256.00	19,736.16	-519.84	8,705		190,300,005	176,328,480	171,803,273	-2.57%	1.17%

2.9	Riego de Liga en Banquina 4+650 a 11+590	m2		21,861.00	23,309.40	19,777.65	-3,531.75	6,373		139,320,153	148,550,806	126,042,963	-15.15%	0.86%
2.10	Regularización de Concreto Asfáltico 50 Kg/m2	Tn		1,093.05	1,165.30	988.88	-176.42	453,482		495,678,500	528,440,307	448,439,280	-15.14%	3.06%
	OBRAS DE DRENAJE													
2.12	ACH°A° 1x1,00X1,00m sin Cabeceras	m		14.50	14.40	14.40	-	1,608,875		23,328,688	23,167,800	23,167,800	0.00%	0.16%
2.13	ACH°A° 1x1,50X1,50m sin Cabeceras	m		14.50	14.50	14.50	-	2,320,170		33,642,465	33,642,465	33,642,465	0.00%	0.23%
2.14	Hormigón Armado para Cabeceras	m3		12.00	6.23	10.00	3.77	2,184,142		26,209,704	13,607,205	21,841,420	60.51%	0.15%
2.15	Camada Drenante	m3		1,000.00	650.00	446.03	-203.97	279,499		279,499,000	181,674,350	124,664,939	-31.38%	0.85%
2.16	Baden de Hormigón	m3		14.40	18.00	13.37	-4.63	1,426,267		20,538,245	25,672,806	19,069,190	-25.72%	0.13%
2.17	Sumidero de 1,00 m x 1,00 m con Rejilla de H°F°	un		2.00	2.00	2.00	-	11,968,905		23,937,810	23,937,810	23,937,810	0.00%	0.16%
2.18	Demolición Cabeceras ACD 2,50 m x 2,50 m	m3		18.00	20.37	20.37	-	1,545,716		27,822,888	31,486,235	31,486,235	0.00%	0.21%
2.19	ACH°A° 2x2,5x2,5 m Prog. 3+460	m		11.10	11.10	11.10	-	15,099,043		167,599,377	167,599,377	167,599,377	0.00%	1.14%
2.20	ACH°A° 4x2,0x2,0 m Prog. 6+580	m		14.40	14.00	14.00	-	19,584,785		282,020,904	274,186,990	274,186,990	0.00%	1.87%
2.21	ATH°A° 1 Ø 0,60 m para Acceso a Propiedades	m		240.00	420.00	480.00	60.00	628,793		150,910,320	264,093,060	301,820,640	14.29%	2.06%
2.22	Cabeceras de H°C° para alcantarillas en accesos	m3		88.40	159.28	207.66	48.38	881,004		77,880,754	140,326,317	182,952,815	30.38%	1.25%
3	**ITEMS NUEVOS - CONVENIO N° 2**													
3.1	Excavación en Tosca	m3			530.00	804.16	274.16	69,662		0	36,920,860	56,019,394	51.73%	0.38%
3.2	Pedraplen	m3			1,085.00	1,096.20	11.20	178,882		0	194,086,970	196,090,448	1.03%	1.34%
3.3	Muro de H°C° de protección de talud	m3			172.50	150.00	-22.50	881,004		0	151,973,190	132,150,600	-13.04%	0.90%
4	**ITEMS NUEVOS - CONVENIO N° 3**													
4.1	Colocación de Alcantarillas (celular proveyó el MOPC)	m				20.50	20.50	1,937,775				39,724,388	100.00%	0.27%
4.2	Hormigón Masa para obras complementarias	m3				85.00	85.00	1,118,877				95,104,545	100.00%	0.65%
4.3	Tachones	un				405.00	405.00	96,000				38,880,000	100.00%	0.27%
4.4	Tachas reflectivas	un.				1,900.00	1,900.00	31,981				60,763,900	100.00%	0.41%
	MONTOS TOTALES								14,657,156,881	17,587,813,303	17,587,806,754	17,582,460,472		119.96%
										119.99%	119.99%	119.96%		

Consorcio Constructora
Asunción S.A. y Asociados
RUC: 80109925-5

Ing. Oscar Fernandez
Supervisor de Obras
DCV/MOPC

Folio: 10
diez

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(treinta y ocho)