MINISTERIO DE OBRAS PUBLICAS Y COMUNICACIONES

DIRECCIÓN DE CAMINOS VECINALES

TRAMO: COLONIA (ALMACEN 50) - SAN GERVASIO - STA. CECILIA - YROYSA - PIREKA - DESVÍO KAGUEREÍ-DEPARTAMENTO GUAIRA

LOTE 1 (0+000 - 16+060) L= 16,06 km

PLANILLA DE COMPUTO METRICO Y PRESUPUESTO

ITEM	DESCRIPCION	UNIDAD DE MEDIDA	CANTIDAD	PRECIO UNITARIO REFERENCIAL GS. IVA INCLUIDO	CONSTRUCTORA FELDMANN SA			EDIVI SA			CONSORCIO NACIONAL (B & B S.A-INGAER S.A)			CONSORCIO INDEPENDENCIA		
					PRECIO UNITARIO CON IVA (Gs)	PRECIO TOTAL CON IVA(Gs)	DIFERENCIA CON EL REFERENCIAL	PRECIO UNITARIO CON IVA (Gs)	PRECIO TOTAL CON IVA(Gs)	DIFERENCIA CON EL REFERENCIAL	PRECIO UNITARIO CON IVA (Gs)	PRECIO TOTAL CON IVA(Gs)	DIFERENCIA CON EL REFERENCIAL	PRECIO UNITARIO CON IVA (Gs)	PRECIO TOTAL CON IVA(Gs)	DIFERENCIA CON EL REFERENCIAL
1	Desbroce, despeje y limpieza	Ha	16,06	4.415.929	3.572.634	57.376.502	-19,10%	3.343.842	53.702.103	-24,28%	2.572.753	41.318.413	-41,74%	2.599.552	41.748.805	-41,13%
2	Excavación no clasificada	m3	14.713,14	27.398	18.680	274.841.412	-31,82%	20.114	295.940.052	-28,59%	19.804	291.378.979	-27,72%	20.011	294.424.599	-26,96%
3	Excavación de zanjas de drenajes	m3	530,00	31.009	21.794	11.550.820	-29,72%	23.071	12.227.630	-25,60%	22.021	11.671.130	-28,99%	22.250	11.792.500	-28,25%
4	Excavación de Bolsones	m3	2.000,00	31.634	21.176	42.352.000	-33,06%	23.427	46.854.000	-25,94%	23.298	46.596.000	-26,35%	23.541	47.082.000	-25,58%
5	Excavación en Roca	m3	10.228,12	150.226	96.319	985.162.194	-35,88%	111.217	1.137.540.711	-25,97%	104.118	1.064.931.294	-30,69%	105.203	1.076.028.803	-29,97%
6	Terraplén con Transporte 5 Km	m3	155.940,64	38.123	33.762	5.264.874.708	-11,44%	33.330	5.197.508.264	-12,57%	31.805	4.959.698.480	-16,57%	32.138	5.011.626.780	-15,70%
7	Alcantarilla Tubular Simple de 0.80 m.	m	84,00	3.943.576	2.607.929	219.066.036	-33,87%	2.944.187	247.311.708	-25,34%	2.694.344	226.324.896	-31,68%	2.722.411	228.682.524	-30,97%
8	Alcantarilla celular simple 1,00 m x 1,00 m	m	140,00	4.341.166	3.075.507	430.570.980	-29,15%	3.360.202	470.428.280	-22,60%	3.186.191	446.066.740	-26,61%	3.219.380	450.713.200	-25,84%
9	Alcantarilla celular doble 1,00 m x 1,00 m	m	30,00	5.946.377	5.241.377	157.241.310	-11,86%	5.141.879	154.256.370	-13,53%	5.092.502	152.775.060	-14,36%	5.145.549	154.366.470	-13,47%
10	Alcantarilla celular simple 1,50 m x 1,50 m	m	32,00	7.767.316	4.020.877	128.668.064	-48,23%	4.244.370	135.819.840	-45,36%	5.697.933	182.333.856	-26,64%	5.757.287	184.233.184	-25,88%
11	Alcantarilla celular doble 1,50 m x 1,50 m	m	54,00	10.986.971	5.799.692	313.183.368	-47,21%	6.573.554	354.971.916	-40,17%	7.773.482	419.768.028	-29,25%	7.854.457	424.140.678	-28,51%
12	Alcantarilla celular triple 3,00 m x 3,00 m	m	13,00	42.688.101	26.878.024	349.414.312	-37,04%	26.739.692	347.615.996	-37,36%	29.732.141	386.517.833	-30,35%	30.041.850	390.544.050	-29,82%
13	Accesos Laterales con Losa H°A° y Mamp. De Piedra	m	5,00	5.386.480	3.631.327	18.156.635	-32,58%	4.010.650	20.053.250	-25,54%	3.849.133	19.245.665	-28,54%	3.889.229	19.446.145	-27,80%
14	Cuneta revestida de hormigón	m3	2.971,60	915.450	744.340	2.211.880.744	-18,69%	687.002	2.041.495.143	-24,95%	741.392	2.203.120.467	-19,01%	749.115	2.226.070.134	-18,17%
15	Disipadores de energía de hormigón	m3	220,20	915.450	760.028	167.358.166	-16,98%	687.002	151.277.840	-24,95%	996.808	219.497.122	8,89%	1.007.191	221.783.458	10,02%
16	Cordón Cuneta de Hormigón	m3	1.291,40	845.575	721.015	931.118.771	-14,73%	687.002	887.194.383	-18,75%	762.627	984.856.508	-9,81%	770.571	995.115.389	-8,87%
17	Baden de Hormigón	m3	35,64	978.208	810.457	28.884.687	-17,15%	770.097	27.446.257	-21,27%	897.626	31.991.391	-8,24%	906.976	32.324.625	-7,28%
18	Sub Base Cementada RC7 ≥ 2,8 Mpa (e=20 cm)	m3	35.543,05	262.454	149.895	5.327.725.180	-42,89%	182.259	6.478.040.385	-30,56%	194.570	6.915.610.849	-25,87%	196.598	6.987.692.151	-25,09%
19	Base Granular (CBR ≥ 100%) (e= 20 cm)	m3	34.393,65	316.067	169.185	5.818.890.352	-46,47%	193.697	6.661.847.599	-38,72%	167.826	5.772.149.376	-46,90%	169.574	5.832.269.483	-46,35%
20	Riego de Imprimación	lt	172.002,60	10.264	8.706	1.497.454.636	-15,18%	10.335	1.777.646.871	0,69%	8.176	1.406.293.258	-20,34%	8.261	1.420.913.479	-19,51%
21	Riego de Liga	lt	90.000,00	8.436	6.941	624.690.000	-17,72%	6.615	595.350.000	-21,59%	6.410	576.900.000	-24,02%	6.476	582.840.000	-23,23%
22	Carpeta de concreto Asfaltico e= 5 cm	m3	5.863,31	1.105.226	1.179.935	6.915.975.822	6,72%	1.167.454	6.845.141.210	5,63%	1.313.851	7.703.511.765	18,88%	1.327.537	7.783.756.985	20,11%
23	Banquina Concreto Asfaltico e= 2 cm	m3	872,52	1.105.226	1.185.503	1.034.372.707	7,26%	1.191.335	1.039.461.232	7,79%	1.311.551	1.144.351.855	18,67%	1.325.213	1.156.272.196	19,90%
24	Construcción de alambrado	m	5.126,00	26.834	22.407	114.858.282	-16,50%	22.176	113.674.176	-17,36%	18.591	95.297.466	-30,72%	18.785	96.291.910	-30,00%
25	Señalización horizontal (Termo plastica-Caliente)	m2	7.112,75	71.249	61.120	434.731.448	-14,22%	61.879	440.130.027	-13,15%	64.324	457.520.707	-9,72%	64.994	462.286.252	-8,78%
26	Tachas reflectantes bidireccionales	un.	2.732	34.316	25.276	69.046.474	-26,34%	27.213	74.337.779	-20,70%	28.245	77.156.895	-17,69%	28.540	77.962.747	-16,83%
27	Tachones 25 x 15 x 5	un.	231,00	81.112	72.265	16.693.215	-10,91%	47.326	10.932.306	-41,65%	83.621	19.316.451	3,09%	84.491	19.517.421	4,17%
28	Señalización vertical	m2	142,39	1.549.007	1.416.881	201.755.353	-8,53%	1.183.160	168.474.885	-23,62%	1.222.151	174.026.969	-21,10%	1.234.882	175.839.788	-20,28%
29	Pórticos	un	2,00	75.000.000	55.920.643	111.841.286	-25,44%	46.143.240	92.286.480	-38,48%	64.323.742	128.647.484	-14,24%	64.993.781	129.987.562	-13,34%
30	Empastado	m2	96.360,00	13.399	6.558	631.928.880	-51,06%	5.679	547.228.440	-57,62%	9.648	929.561.280	-27,99%	9.749	939.413.640	-27,24%
31	Refugio para darsena y alumbrado público	un	6,00	32.919.763	27.993.783	167.962.698	-14,96%	22.823.156	136.938.936	-30,67%	24.726.046	148.356.276	-24,89%	24.983.609	149.901.654	-24,11%
32	Baranda de defensa metálica	m	6.460,28	349.518	298.634	1.929.259.258	-14,56%	283.958	1.834.448.188	-18,76%	295.889	1.911.525.789	-15,34%	298.971	1.931.436.372	-14,46%
33	Traslado de Estructuras del Servicio Público	un	29,00	11.443.329	4.561.392	132.280.368	-60,14%	8.577.910	248.759.390	-25,04%	8.362.087	242.500.523	-26,93%	8.449.191	245.026.539	-26,16%
34	Reposición y traslado de agua cte.	m	110,00	39.441	32.623	3.588.530	-17,29%	29.579	3.253.690	-25,00%	29.823	3.280.530	-24,39%	30.135	3.314.850	-23,59%
35	Remoción de alcantarillas y pontillones existentes	un	19,00	6.330.699	5.180.389	98.427.391	-18,17%	4.793.747	91.081.193	-24,28%	4.249.392	80.738.448	-32,88%	4.293.656	81.579.464	-32,18%
36	Protección préstamos	un	5,00	30.705.613	24.835.274	124.176.370	-19,12%	22.742.220	113.711.100	-25,93%	21.832.875	109.164.375	-28,90%	22.060.301	110.301.505	-28,16%
37	Instalaciones y Servicios Especializados	mes	18,00	19.800.000	17.191.260	309.442.680	-13,18%	14.091.655	253.649.790	-28,83%	17.399.572	313.192.296	-12,12%	17.580.817	316.454.706	-11,21%
38	Movilización	gl	1,00	1.602.215.443	985.970.141	985.970.141	-38,46%	1.185.526.320	1.185.526.320	-26,01%	834.562.402	834.562.402	-47,91%	843.261.339	843.261.339	-47,37%
39	Implementación del PGA-DIA	gl	1,00	825.775.500	696.673.971	696.673.971	-15,63%	611.693.720	611.693.720	-25,92%	578.952.274	578.952.274	-29,89%	584.883.026	584.883.026	-29,16%
				TOTAL GS. IVA INCLUIDO		**38.839.445.751**			**40.905.157.460**			**41.310.829.130**			**41.741.426.413**	
				Total según acta	**38.839.453.078**			40.905.364.035			**41.310.838.882**			**41.741.436.263**		
				Total según oferta física	**38.839.453.078**			**40.905.364.035**			**41.310.838.882**			**41.741.436.263**		
				Diferencia	**-7.327**			-6.575			-9.752			**-9.850**		

Lic. Rocio Diarte
DPP-DCV

Ing. Pablo Portillo
DPP - DCV

(29)

MINISTERIO DE OBRAS PUBLICAS Y COMUNICACIONES

DIRECCIÓN DE CAMINOS VECINALES

TRAMO: COLONIA (ALMACEN 50) - SAN GERVASIO - STA. CECILIA - YROYSA - PIREKA - DESVÍO KAGUEREÍ-DEPARTAMENTO GUAIRA

LOTE 1 (0+000 - 16+060) L= 16,06 km

PLANILLA DE COMPUTO METRICO Y PRESUPUESTO

ITEM	DESCRIPCION	UNIDAD DE MEDIDA	CANTIDAD	PRECIO UNITARIO REFERENCIAL GS. IVA INCLUIDO	COVIPA			Construcciones integrales Avanzadas S.A			DC INGENIERIA			CONSORCIO VIAL GUAIRA (MIGUEL ANGEL CHAVES HAUSMAN-CAMINOS PARAGUAYOS S.A)		
					PRECIO UNITARIO CON IVA (Gs)	PRECIO TOTAL CON IVA(Gs)	DIFERENCIA CON EL REFERENCIAL	PRECIO UNITARIO CON IVA (Gs)	PRECIO TOTAL CON IVA(Gs)	DIFERENCIA CON EL REFERENCIAL	PRECIO UNITARIO CON IVA (Gs)	PRECIO TOTAL CON IVA(Gs)	DIFERENCIA CON EL REFERENCIAL	PRECIO UNITARIO CON IVA (Gs)	PRECIO TOTAL CON IVA(Gs)	DIFERENCIA CON EL REFERENCIAL
1	Desbroce, desoeie y limpieza	Ha	16,06	4.415.929	5.264.483	84.547.597	19,22%	3.550.000	57.013.000	-19,61%	6.807.240	109.324.274	54,15%	4.260.479	68.423.293	-3,52%
2	Excavación no clasificada	m3	14.713,14	27.398	22.969	337.946.060	-16,17%	22.000	323.689.029	-19,70%	17.567	258.465.690	-35,88%	21.506	316.420.739	-21,51%
3	Excavación de zanjas de drenajes	m3	530,00	31.009	23.643	12.530.790	-23,75%	24.800	13.144.000	-20,02%	27.039	14.330.670	-12,80%	25.917	13.736.010	-16,42%
4	Excavación de Bolsones	m3	2.000,00	31.634	24.575	49.150.000	-22,31%	25.300	50.600.000	-20,02%	19.371	38.742.000	-38,77%	29.299	58.598.000	-7,38%
5	Excavación en Roca	m3	10.226,12	150.226	78.995	807.970.260	-47,42%	120.200	1.229.419.994	-19,99%	75.979	777.122.254	-49,42%	158.402	1.620.154.506	5,44%
6	Terraplén con Transporte 5 Km	m3	155.940,84	38.123	33.607	5.240.703.877	-11,85%	30.500	4.756.195.681	-20,00%	36.726	5.727.083.363	-3,66%	38.540	6.009.960.051	1,09%
7	Alcantarilla Tubular Simple de 0,80 m.	m	84,00	3.943.576	1.608.807	135.139.788	-59,20%	3.158.000	265.272.000	-19,92%	1.911.505	160.566.420	-51,53%	2.275.639	191.153.676	-42,30%
8	Alcantarilla celular simple 1,00 m x 1,00 m	m	140,00	4.341.166	3.393.075	475.030.500	-21,84%	3.480.000	487.200.000	-19,84%	3.607.162	505.002.680	-16,91%	3.983.568	557.699.520	-8,24%
9	Alcantarilla celular doble 1,00 m x 1,00 m	m	30,00	5.946.377	5.048.505	151.455.150	-15,10%	4.758.974	142.769.220	-19,97%	5.541.969	166.259.070	-6,80%	7.005.775	210.173.250	17,82%
10	Alcantarilla celular simple 1,50 m x 1,50 m	m	32,00	7.767.316	4.193.185	134.181.920	-46,02%	6.212.000	198.784.000	-20,02%	4.889.401	156.460.832	-37,05%	5.564.239	178.055.648	-28,36%
11	Alcantarilla celular doble 1,50 m x 1,50 m	m	54,00	10.986.971	6.262.431	338.171.274	-43,00%	8.789.700	474.643.800	-20,00%	7.251.868	391.600.872	-34,00%	9.459.519	510.814.026	-13,90%
12	Alcantarilla celular triple 3,00 m x 3,00 m	m	13,00	42.688.101	24.111.498	313.449.474	-43,52%	34.150.495	443.956.435	-20,00%	25.205.538	327.671.994	-40,95%	29.008.851	377.115.063	-32,04%
13	Accesos Laterales con Losa H°A° y Mamp. De Piedra	m	5,00	5.386.480	4.365.588	21.827.940	-18,95%	4.309.420	21.547.100	-20,00%	6.353.889	31.769.445	17,96%	3.373.454	16.867.270	-37,37%
14	Cuneta revestida de hormigón	m3	2.971,60	915.450	759.380	2.256.573.608	-17,05%	732.400	2.176.399.840	-20,00%	842.624	2.503.941.478	-7,94%	736.338	2.188.102.001	-19,57%
15	Disipadores de energía de hormigón	m3	220,20	915.450	867.913	191.114.443	-5,19%	732.400	161.274.480	-20,00%	1.232.123	271.313.485	34,59%	736.338	162.141.628	-19,57%
16	Cordón Cuneta de Hormigón	m3	1.291,40	845.575	779.501	1.006.647.591	-7,81%	676.500	873.632.100	-20,00%	827.689	1.068.877.575	-2,12%	684.497	858.131.426	-21,41%
17	Badén de Hormigón	m3	35,64	978.208	894.476	31.879.125	-8,56%	782.500	27.888.300	-20,01%	1.024.985	36.530.465	4,78%	795.923	28.366.696	-18,63%
18	Sub Base Cementada RC? ≥ 2,8 Mpa (e=20 cm)	m3	35.543,05	262.454	185.863	6.606.137.530	-29,18%	210.000	7.464.040.080	-19,99%	205.597	7.307.544.040	-21,66%	172.635	6.135.974.091	-34,22%
19	Base Granular (CBR ≥ 100%) (e= 20 cm)	m3	34.393,65	316.067	161.920	5.569.020.456	-48,77%	252.900	8.698.155.097	-19,99%	163.791	5.633.370.982	-48,18%	225.667	7.761.512.717	-28,60%
20	Riego de Imprimación	lt	172.002,60	10.264	11.882	2.043.734.893	15,76%	8.215	1.413.001.359	-19,96%	7.482	1.286.923.453	-27,10%	7.394	1.271.787.224	-27,96%
21	Riego de Liga	lt	90.000,00	8.436	7.303	657.270.000	-13,43%	6.752	607.680.000	-19,96%	7.401	666.090.000	-12,27%	3.490	314.100.000	-58,63%
22	Carpeta de concreto Asfaltico e= 5 cm	m3	5.863,31	1.105.226	1.491.185	8.743.275.449	34,92%	1.000.000	5.863.307.000	-9,52%	1.481.274	8.685.164.213	34,02%	1.319.478	7.736.504.594	19,39%
23	Banquina Concreto Asfaltico e= 2 cm	m3	872,52	1.105.226	1.502.832	1.311.247.971	35,98%	1.000.000	872.518.000	-9,52%	1.436.904	1.253.724.604	30,01%	1.307.559	1.140.868.764	18,31%
24	Construccion de alambrado	m	5.126,00	26.834	28.116	144.122.616	4,78%	21.517	110.296.142	-19,81%	25.557	131.005.182	-4,76%	26.041	133.486.166	-2,96%
25	Señalización horizontal (Termo plastica-Caliente)	m2	7.112,75	71.249	74.297	528.456.190	4,28%	66.800	475.131.883	-6,24%	57.204	406.877.908	-19,71%	95.854	681.785.801	34,53%
26	Tachas reflectantes bidireccionales	un.	2.732	34.316	25.251	68.978.182	-26,42%	27.464	75.023.436	-19,97%	18.335	50.085.738	-46,57%	26.266	71.750.858	-23,46%
27	Tachones 25 x 15 x 3	un.	231,00	81.112	79.858	18.447.198	-1,55%	64.890	14.989.590	-20,00%	59.592	13.765.752	-26,53%	79.537	18.373.047	-1,94%
28	Señalización vertical	m2	142,39	1.549.007	1.512.788	215.411.934	-2,34%	1.239.000	176.426.166	-20,01%	1.489.800	212.138.581	-3,82%	1.137.254	161.938.146	-26,58%
29	Pórticos	un	2,00	75.000.000	63.156.620	126.313.240	-15,79%	60.000.000	120.000.000	-20,00%	75.636.000	151.272.000	0,85%	48.797.438	97.594.876	-34,94%
30	Empastado	m2	96.360,00	13.899	8.246	794.584.560	-40,49%	10.812	1.041.844.320	-19,31%	6.681	643.781.160	-50,14%	9.811	945.387.960	-26,78%
31	Refugio para darsena y alumbrado público	un	6,00	32.919.763	34.623.512	207.741.072	5,18%	26.335.812	158.014.872	-20,00%	32.951.932	197.711.592	0,10%	20.308.529	121.851.174	-38,31%
32	Baranda de defensa metálica	m	6.460,28	349.518	343.622	2.219.894.334	-1,69%	279.625	1.806.455.795	-20,00%	279.235	1.803.166.426	-19,97%	309.599	2.000.096.228	-11,42%
33	Traslado de Estructuras del Servicio Público	un	29,00	11.443.329	7.484.398	217.047.542	-34,60%	9.138.664	265.021.256	-20,14%	1.802.658	52.277.082	-84,25%	10.242.276	297.026.004	-10,50%
34	Reposición y traslado de agua cte.	m	110,00	39.441	31.698	3.486.780	-19,63%	31.752	3.492.720	-19,49%	33.499	3.684.890	-15,07%	38.108	4.191.880	-3,38%
35	Remoción de alcantarillas y pontillones existentes	un	19,00	6.330.699	5.419.343	102.967.517	-14,40%	5.091.372	96.736.068	-19,58%	5.134.080	97.547.520	-18,90%	6.164.787	117.130.953	-2,62%
36	Protección préstamos	un	5,00	30.705.613	23.758.730	118.793.650	-22,62%	24.565.150	122.825.750	-20,00%	25.085.940	125.429.700	-18,30%	16.913.292	84.566.460	-44,92%
37	Instalaciones y Servicios Especializados	mes	18,00	19.800.000	22.763.058	409.735.044	14,96%	18.546.365	333.834.570	-6,33%	15.954.644	287.183.592	-19,42%	18.792.607	338.266.926	-5,09%
38	Movilización	gl	1,00	1.602.215.443	1.172.160.000	1.172.160.000	-26,84%	1.281.779.991	1.281.779.991	-20,00%	1.224.133.610	1.224.133.610	-23,60%	1.319.625.000	1.319.625.000	-17,64%
39	Implementación del PGA-DIA	gl	1,00	825.775.500	479.511.120	479.511.120	-41,93%	660.620.400	660.620.400	-20,00%	662.716.809	662.716.809	-19,75%	757.350.000	757.350.000	-8,29%
				TOTAL GS. IVA INCLUIDO		**43.346.656.675**			**43.364.623.384**			**43.444.657.401**			**44.877.081.672**	
				Total según acta	**43.346.665.239**			43.364.630.975			**43.444.663.883**			**48.777.090.860**		
				Total según oferta física	**43.346.665.239**			**43.364.630.975**			**43.444.663.883**			**44.877.090.860**		
				Diferencia	**-8.564**			**-7.591**			**-6.482**			**-9.188**		

Lic. Rocio Diarte
DPP-DCV

Ing. Pablo Portillo
DPP - DCV

(30)

MINISTERIO DE OBRAS PUBLICAS Y COMUNICACIONES

DIRECCIÓN DE CAMINOS VECINALES

TRAMO: COLONIA (ALMACEN 50) - SAN GERVASIO - STA. CECILIA - YROYSA - PIREKA - DESVÍO KAGUEREÍ-DEPARTAMENTO GUAIRA

LOTE 1 (0+000 - 16+060) L= 16,06 km

PLANILLA DE COMPUTO METRICO Y PRESUPUESTO

					CONSORCIO VIAL CAAZAPA			CONSTRUPAR S.A.			CONSORCIO BH Y ASOCIADOS (CONSTRUCTORA PETRICEVIC S.A.-BARRAIL HERMANOS S.A. DE CONSTRUCCIONES)			SACEEM		
ITEM	**DESCRIPCION**	**UNIDAD DE MEDIDA**	**CANTIDAD**	**PRECIO UNITARIO REFERENCIAL GS. IVA INCLUIDO**	**PRECIO UNITARIO CON IVA (Gs)**	**PRECIO TOTAL CON IVA(Gs)**	**DIFERENCIA CON EL REFERENCIAL**	**PRECIO UNITARIO CON IVA (Gs)**	**PRECIO TOTAL CON IVA(Gs)**	**DIFERENCIA CON EL REFERENCIAL**	**PRECIO UNITARIO CON IVA (Gs)**	**PRECIO TOTAL CON IVA(Gs)**	**DIFERENCIA CON EL REFERENCIAL**	**PRECIO UNITARIO CON IVA (Gs)**	**PRECIO TOTAL CON IVA(Gs)**	**DIFERENCIA CON EL REFERENCIAL**
1	Desbroce, despeje y limpieza	Ha	16,06	4.415.929	3.725.560	59.832.494	-15,63%	12.117.038	194.599.630	174,39%	3.775.097	60.628.058	-14,51%	3.219.617	51.707.049	-27,09%
2	Excavación no clasificada	m3	14.713,14	27.398	16.161	237.779.018	-41,01%	27.601	406.097.314	0,74%	16.376	240.942.343	-40,23%	19.125	281.388.759	-30,20%
3	Excavación de zanjas de drenajes	m3	530,00	31.009	26.935	14.275.550	-13,14%	35.963	19.060.390	15,98%	27.292	14.464.760	-11,99%	24.223	12.838.190	-21,88%
4	Excavación de Bolsones	m3	2.000,00	31.634	26.935	53.870.000	-14,85%	32.033	64.066.000	1,26%	27.292	54.584.000	-13,73%	26.883	53.766.000	-15,02%
5	Excavación en Roca	m3	10.228,12	150.226	157.935	1.615.377.974	5,13%	71.473	731.034.349	-52,42%	160.035	1.636.857.024	6,53%	149.244	1.526.485.392	-0,65%
6	Terraplén con Transporte 5 Km	m3	155.940,84	38.123	33.463	5.218.248.396	-12,22%	37.610	5.864.935.068	-1,35%	33.909	5.287.798.011	-11,05%	35.791	5.581.278.676	-6,12%
7	Alcantarilla Tubular Simple de 0,80 m.	m	84,00	3.943.576	2.662.044	223.611.696	-32,50%	1.931.772	162.268.848	-51,01%	2.697.441	226.585.044	-31,60%	2.733.626	229.624.584	-30,68%
8	Alcantarilla celular simple 1,00 m x 1,00 m	m	140,00	4.341.166	6.469.341	905.707.740	49,02%	3.400.365	476.051.100	-21,67%	6.555.362	917.750.680	51,00%	3.448.450	482.783.000	-20,56%
9	Alcantarilla celular doble 1,00 m x 1,00 m	m	30,00	5.946.377	7.125.668	213.770.040	19,83%	5.059.452	151.783.560	-14,92%	7.220.415	216.612.450	21,43%	5.204.127	156.123.810	-12,48%
10	Alcantarilla celular simple 1,50 m x 1,50 m	m	32,00	7.767.316	9.360.781	299.544.992	20,52%	4.895.582	156.658.624	-36,97%	9.485.248	303.527.936	22,12%	5.141.349	164.523.168	-33,81%
11	Alcantarilla celular doble 1,50 m x 1,50 m	m	54,00	10.986.971	11.997.062	647.841.348	9,19%	7.603.553	410.591.862	-30,79%	12.156.584	656.455.536	10,65%	8.288.581	447.583.374	-24,56%
12	Alcantarilla celular triple 3,00 m x 3,00 m	m	13,00	42.888.101	34.529.107	448.878.391	-19,11%	36.805.588	478.472.644	-13,78%	34.988.229	454.846.977	-18,04%	24.980.950	324.752.350	-41,48%
13	Accesos Laterales con Losa H°A° y Mamp. De Piedra	m	5,00	5.386.480	3.392.919	16.964.595	-37,01%	5.208.287	26.041.435	-3,31%	3.438.034	17.190.170	-36,17%	5.670.515	28.352.575	5,27%
14	Cuneta revestida de hormigón	m3	2.971,60	915.450	909.757	2.703.433.901	-0,62%	1.025.244	3.046.615.070	11,99%	921.855	2.739.384.318	0,70%	713.281	2.119.585.820	-22,08%
15	Disipadores de energía de hormigón	m3	220,20	915.450	935.141	205.918.048	2,15%	1.000.795	220.375.059	9,32%	947.575	208.656.015	3,51%	716.526	157.779.025	-21,73%
16	Cardón Cuneta de Hormigón	m3	1.291,40	845.575	813.157	1.050.110.950	-3,83%	893.450	1.153.801.330	5,66%	823.970	1.064.074.858	-2,56%	722.366	932.863.452	-14,57%
17	Baden de Hormigón	m3	35,84	978.208	813.157	28.980.915	-16,87%	1.102.936	39.308.639	12,75%	823.970	29.366.291	-15,77%	892.301	31.801.608	-8,78%
18	Sub Base Cementada RC7 ≥ 2,8 Mpa (e=20 cm)	m3	35.543,05	262.454	157.523	5.598.847.550	-39,98%	196.879	6.997.679.747	-24,99%	159.618	5.673.310.236	-39,18%	204.286	7.260.947.104	-22,16%
19	Base Granular (CBR ≥ 100%) (e= 20 cm)	m3	34.393,65	316.067	209.316	7.199.142.081	-33,77%	196.770	6.767.639.298	-37,74%	212.099	7.294.859.620	-32,89%	271.427	9.335.366.324	-14,12%
20	Riego de Imprimación	lt	172.002,60	10.264	7.341	1.262.671.087	-28,48%	9.622	1.655.009.017	-6,25%	7.438	1.279.355.339	-27,53%	9.140	1.572.103.764	-10,95%
21	Riego de Liga	lt	90.000,00	8.436	3.666	329.940.000	-56,54%	6.134	552.060.000	-27,28%	3.714	334.260.000	-55,97%	8.272	744.480.000	-1,94%
22	Carpeta de concreto Asfaltico e= 5 cm	m3	5.863,31	1.105.226	1.397.854	8.196.047.143	26,48%	1.239.676	7.268.600.969	12,16%	1.416.441	8.305.028.430	28,16%	1.146.952	6.724.931.690	3,78%
23	Banquina Concreto Asfaltico e= 2 cm	m3	872,52	1.105.226	1.397.854	1.219.652.776	26,48%	1.239.676	1.081.639.624	12,16%	1.416.441	1.235.870.268	28,16%	1.146.952	1.000.736.265	3,78%
24	Construccion de alambrado	m	5.126,00	26.834	32.645	167.338.270	21,66%	27.301	139.944.926	1,74%	33.078	169.557.828	23,27%	18.909	96.927.534	-29,53%
25	Señalización horizontal (Termo plastica-Caliente)	m2	7.112,75	71.249	69.717	495.879.783	-2,15%	74.045	526.663.777	3,92%	70.644	502.473.305	-0,85%	53.728	382.153.979	-24,59%
26	Tachas reflectantes bidireccionales	un.	2.732	34.316	21.203	57.920.256	-38,21%	20.978	57.305.624	-38,87%	21.484	58.687.864	-37,39%	44.773	122.305.449	30,47%
27	Tachones 25 x 15 x 5	un.	231,00	81.112	71.716	16.565.396	-11,58%	75.277	17.388.987	-7,19%	72.669	16.786.539	-10,41%	71.637	16.548.147	-11,68%
28	Señalización vertical	m2	142,39	1.549.007	1.400.718	199.453.839	-9,57%	1.579.612	224.927.271	1,98%	1.419.342	202.105.785	-8,37%	1.297.774	184.795.231	-16,22%
29	Pórticos	un	2,00	75.000.000	45.124.091	90.248.182	-39,83%	59.906.418	119.812.836	-20,12%	45.724.092	91.448.184	-39,03%	53.727.855	107.455.710	-28,36%
30	Empastado	m2	96.360,00	13.399	7.917	762.882.120	-40,91%	9.753	939.799.080	-27,21%	8.022	772.999.920	-40,13%	7.688	740.815.680	-42,62%
31	Refugio para darsena y alumbrado público	un	6,00	32.919.763	20.064.840	120.389.040	-39,05%	45.560.119	273.360.714	38,40%	20.331.636	121.989.816	-38,24%	27.479.073	164.874.438	-16,53%
32	Baranda de defensa metálica	m	6.460,28	349.518	371.822	2.402.074.230	6,38%	394.903	2.551.183.953	12,99%	376.767	2.434.020.315	7,80%	384.141	2.481.658.419	9,91%
33	Traslado de Estructuras del Servicio Público	un	29,00	11.443.329	11.845.075	343.507.175	3,51%	4.816.875	139.689.375	-57,91%	12.002.574	348.074.646	4,89%	6.193.282	179.605.178	-45,88%
34	Reposición y traslado de agua cte.	m	110,00	39.441	25.150	2.766.500	-36,23%	55.250	6.077.500	40,08%	25.485	2.803.350	-35,38%	24.545	2.699.950	-37,77%
35	Remoción de alcantarillas y pontillones existentes	un	19,00	6.330.699	5.584.106	106.098.014	-11,79%	4.130.607	78.481.533	-34,75%	5.658.356	107.508.764	-10,62%	5.270.000	100.130.000	-16,75%
36	Protección préstamos	un	5,00	30.705.613	18.522.193	92.610.965	-39,68%	29.423.038	147.115.190	-4,18%	18.768.476	93.842.380	-38,88%	27.405.240	137.026.200	-10,75%
37	Instalaciones y Servicios Especializados	mes	18,00	19.800.000	25.126.599	452.278.782	26,90%	20.819.277	374.746.986	5,15%	25.460.698	458.292.564	28,59%	21.233.941	382.210.938	7,24%
38	Movilización	gl	1,00	1.602.215.443	1.348.126.529	1.348.126.529	-15,86%	1.124.862.806	1.124.862.806	-29,79%	1.366.052.118	1.366.052.118	-14,74%	1.263.233.301	1.263.233.301	-21,16%
39	Implementación del PGA-DIA	gl	1,00	825.775.500	727.524.452	727.524.452	-11,90%	955.483.371	955.483.371	15,71%	737.198.101	737.198.101	-10,73%	315.164.484	315.164.484	-61,83%
				TOTAL GS. IVA INCLUIDO		**45.136.111.218**			**45.601.233.506**			45.736.249.843			45.899.407.617	
				Total según acta	**45.136.118.360**			**45.601.239.122**			**45.736.257.079**			**45.899.421.035**		
				Total según oferta fisica	**45.136.118.360**			**45.601.239.122**			**45.736.257.079**			**45.899.421.035**		
				Diferencia	**-7.142**			**-5.616**			**-7.236**			**-13.418**		

Lic. Rocio Diarte
DPP-DCV

Ing. Pablo Portillo
DPP - DCV

MINISTERIO DE OBRAS PUBLICAS Y COMUNICACIONES

DIRECCIÓN DE CAMINOS VECINALES

TRAMO: COLONIA (ALMACEN 50) - SAN GERVASIO - STA. CECILIA - YROYSA - PIREKA - DESVÍO KAGUEREÍ-DEPARTAMENTO GUAIRA

LOTE 1 (0+000 - 16+060) L= 16,06 km

PLANILLA DE COMPUTO METRICO Y PRESUPUESTO

					14 DE JULIO S.A			MEYAN S.A			CONSTRUCTORA CARLOS V. GUEYRAUD			COMPAÑÍA DE CONSTRUCCIONES CIVILES S.A.		
ITEM	**DESCRIPCION**	**UNIDAD DE MEDIDA**	**CANTIDAD**	**PRECIO UNITARIO REFERENCIAL GS. IVA INCLUIDO**	**PRECIO UNITARIO CON IVA (Gs)**	**PRECIO TOTAL CON IVA(Gs)**	**DIFERENCIA CON EL REFERENCIAL**	**PRECIO UNITARIO CON IVA (Gs)**	**PRECIO TOTAL CON IVA(Gs)**	**DIFERENCIA CON EL REFERENCIAL**	**PRECIO UNITARIO CON IVA (Gs)**	**PRECIO TOTAL CON IVA(Gs)**	**DIFERENCIA CON EL REFERENCIAL**	**PRECIO UNITARIO CON IVA (Gs)**	**PRECIO TOTAL CON IVA(Gs)**	**DIFERENCIA CON EL REFERENCIAL**
1	Desbroce, desonte y limpieza	Ha	16,06	4.415.929	3.312.511	53.198.927	-24,99%	10.835.684	174.021.085	145,38%	4.389.000	70.487.340	-0,61%	7.425.780	119.258.027	68,16%
2	Excavación no clasificada	m3	14.713,14	27.398	20.379	299.839.033	-25,62%	15.887	233.747.619	-42,91%	24.255	356.867.155	-11,47%	17.090	251.447.523	-37,62%
3	Excavación de zanjas de drenajes	m3	530,00	31.009	23.077	12.230.810	-25,58%	26.100	13.833.000	-15,83%	32.340	17.140.200	4,29%	30.560	16.196.800	-1,45%
4	Excavación de Bolsones	m3	2.000,00	31.634	23.326	46.652.000	-26,26%	24.954	49.908.000	-21,12%	28.875	57.750.000	-8,72%	32.800	65.600.000	3,69%
5	Excavación en Roca	m3	10.228,12	150.226	113.979	1.165.790.776	-24,13%	104.826	1.072.172.802	-30,22%	100.254	1.025.409.842	-33,26%	74.880	765.881.551	-50,16%
6	Terraplén con Transporte 5 Km	m3	155.940,84	38.123	42.088	6.563.238.158	10,40%	34.006	5.302.924.273	-10,80%	33.331	5.197.664.205	-12,57%	37.130	5.790.083.463	-2,60%
7	Alcantarilla Tubular Simple de 0,80 m.	m	84,00	3.943.576	3.084.234	259.075.656	-21,79%	1.742.769	146.392.596	-55,81%	3.418.907	287.188.188	-13,30%	1.531.650	128.658.600	-61,16%
8	Alcantarilla celular simple 1,00 m x 1,00 m	m	140,00	4.341.166	3.480.482	487.267.480	-19,83%	3.695.699	517.397.860	-14,87%	3.793.136	531.039.040	-12,62%	3.076.540	430.715.600	-29,13%
9	Alcantarilla celular doble 1,00 m x 1,00 m	m	30,00	5.946.377	5.436.438	163.093.140	-8,58%	6.067.702	182.031.060	2,04%	6.366.515	190.995.450	7,07%	5.035.950	151.078.500	-15,31%
10	Alcantarilla celular simple 1,50 m x 1,50 m	m	32,00	7.767.316	5.817.415	186.157.280	-25,10%	4.769.894	152.636.608	-38,59%	7.437.481	237.999.392	-4,25%	4.083.590	130.674.880	-47,43%
11	Alcantarilla celular doble 1,50 m x 1,50 m	m	54,00	10.966.971	8.643.309	466.738.686	-21,33%	7.313.842	394.947.468	-33,43%	9.395.176	507.339.504	-14,49%	7.391.360	399.133.440	-32,73%
12	Alcantarilla celular triple 3,00 m x 3,00 m	m	13,00	42.688.101	37.928.547	493.045.111	-11,15%	37.250.134	484.251.742	-12,74%	34.715.839	451.305.907	-18,68%	21.289.290	276.760.770	-50,13%
13	Accesos Laterales con Losa H°A° y Mamp. De Piedra	m	5,00	5.386.480	5.545.221	27.726.105	2,95%	1.652.973	8.264.865	-69,31%	4.514.338	22.571.690	-16,19%	4.038.110	20.190.550	-25,03%
14	Cuneta revestida de hormigón	m3	2.971,60	915.450	918.031	2.728.020.920	0,28%	934.440	2.776.781.904	2,07%	840.294	2.497.017.650	-8,21%	956.910	2.843.553.756	4,53%
15	Disipadores de energía de hormigón	m3	220,20	915.450	995.382	219.183.116	8,73%	923.303	203.311.321	0,86%	831.632	183.125.366	-9,16%	1.022.990	225.262.398	11,75%
16	Cordón Cuneta de Hormigón	m3	1.291,40	845.575	918.031	1.185.545.233	8,57%	935.553	1.208.173.144	10,64%	921.748	1.190.345.367	9,01%	912.200	1.178.015.080	7,88%
17	Baden de Hormigón	m3	35,64	978.208	966.180	34.434.655	-1,23%	990.185	35.290.193	1,22%	921.748	32.851.099	-5,77%	1.093.880	38.985.883	11,82%
18	Sub Base Cementada RC7 ≥ 2,8 Mpa (e=20 cm)	m3	35.543,05	262.454	199.819	7.102.176.308	-23,87%	192.056	6.826.255.627	-26,82%	216.678	7.701.396.555	-17,44%	199.750	7.099.723.838	-23,89%
19	Base Granular (CBR ≥ 100%) (e= 20 cm)	m3	34.393,65	316.067	234.511	8.065.690.193	-25,80%	253.841	8.730.519.525	-19,69%	258.983	8.907.371.694	-18,06%	202.250	6.956.116.522	-36,01%
20	Riego de Imprimación	lt	172.002,60	10.264	8.949	1.539.251.267	-12,81%	8.441	1.451.873.947	-17,76%	11.240	1.933.309.224	9,51%	13.100	2.253.234.060	27,63%
21	Riego de Liga	lt	90.000,00	8.436	5.527	497.430.000	-34,48%	6.763	608.670.000	-19,83%	8.900	801.000.000	5,50%	9.130	821.700.000	8,23%
22	Carpeta de concreto Asfaltico e= 5 cm	m3	5.863,31	1.105.226	1.062.765	6.231.317.464	-3,84%	1.257.264	7.371.724.812	13,76%	1.212.855	7.111.341.211	9,74%	1.514.990	8.882.851.472	37,08%
23	Ranquina Concreto Asfaltico e= 2 cm	m3	872,52	1.105.226	1.062.765	927.281.592	-3,84%	1.322.615	1.154.005.395	19,67%	1.212.855	1.058.237.819	9,74%	1.514.990	1.321.836.045	37,08%
24	Construccion de alambrado	m	5.126,00	26.834	33.110	169.721.860	23,39%	21.996	112.751.496	-18,03%	23.331	119.594.706	-13,05%	42.860	219.700.360	59,72%
25	Señalización horizontal (Termo plastica-Caliente)	m2	7.112,75	71.249	85.259	606.426.186	19,66%	54.740	389.352.085	-23,17%	57.750	410.761.471	-18,95%	71.140	506.001.230	-0,15%
26	Tachas reflectantes bidireccionales	un.	2.732	34.316	24.764	67.647.844	-27,84%	28.949	79.080.012	-15,64%	34.650	94.653.440	0,97%	19.460	53.158.901	-43,29%
27	Tachones 25 x 15 x 5	un.	231,00	81.112	86.680	20.023.080	6,86%	68.425	15.806.175	-15,64%	69.300	16.008.300	-14,56%	71.750	16.574.250	-11,54%
28	Señalización vertical	m2	142,39	1.549.007	1.510.663	215.109.347	-2,48%	1.155.616	164.552.785	-25,40%	1.386.000	197.358.084	-10,52%	1.270.780	180.951.447	-17,96%
29	Pórticos	un	2,00	75.000.000	59.467.716	118.935.432	-20,71%	47.371.022	94.742.044	-36,84%	63.525.000	127.050.000	-15,30%	60.194.700	120.389.400	-19,74%
30	Empastado	m2	96.360,00	13.399	10.002	963.792.720	-25,35%	10.028	966.816.280	-25,20%	10.857	1.046.180.520	-18,97%	6.540	630.194.400	-51,19%
31	Refugio para darsena y alumbrado público	un	6,00	32.919.763	33.320.034	199.920.204	1,22%	27.896.268	167.377.608	-15,26%	29.452.500	176.715.000	-10,53%	41.154.670	246.928.020	25,02%
32	Baranda de defensa metálica	m	6.460,28	349.518	393.186	2.540.091.652	12,49%	251.856	1.627.060.280	-27,94%	285.285	1.843.020.980	-18,38%	320.270	2.069.033.876	-8,37%
33	Traslado de Estructuras del Servicio Público	un	29,00	11.443.329	8.250.016	239.250.464	-27,91%	9.474.204	274.751.916	-17,21%	10.395.000	301.455.000	-9,16%	2.140.260	62.067.540	-81,30%
34	Reposición y traslado de agua cte	m	110,00	39.441	37.249	4.097.390	-5,56%	32.423	3.566.530	-17,79%	34.650	3.811.500	-12,15%	35.050	3.855.500	-11,13%
35	Remoción de alcantarillas y pontillones existentes	un	19,00	6.330.699	4.561.293	86.664.567	-27,95%	5.592.939	106.265.841	-11,65%	5.775.000	109.725.000	-8,78%	6.539.470	124.249.930	3,30%
36	Protección préstamos	un	5,00	30.705.613	22.122.018	110.610.090	-27,95%	23.159.166	115.795.830	-24,58%	26.565.000	132.825.000	-13,48%	20.986.710	104.933.550	-31,65%
37	Instalaciones y Servicios Especializados	mes	18,00	19.800.000	14.627.607	263.296.926	-26,12%	16.708.812	300.758.616	-15,61%	21.252.000	382.536.000	7,33%	30.547.650	549.857.700	54,28%
38	Movilización	gl	1,00	1.602.215.443	988.757.524	988.757.524	-38,29%	903.331.318	903.331.318	-43,62%	1.325.570.400	1.325.570.400	-17,27%	1.412.613.080	1.412.613.080	-11,83%
39	Implementación del PGA-DIA	gl	1,00	825.775.500	689.800.672	689.800.672	-16,47%	2.004.545.455	2.004.545.455	142,75%	692.410.950	692.410.950	-16,15%	936.361.960	936.361.960	13,39%
				TOTAL GS. IVA INCLUIDO		**46.038.529.868**			**46.424.689.117**			**47.349.430.249**			**47.403.849.902**	
				Total según acta	**46.038.535.848**			**46.979.273.757**				**47.349.440.458**		**47.403.857.648**		
				Total según oferta física	**46.038.535.848**			**46.979.273.757**				**47.349.440.458**		**47.403.857.648**		
				Diferencia	-5.980			-554.584.640				-10.209		-7.746		
								Obs.: Item 21 Riego de Liga (Se equivocaron en cantidad)								

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(32)

MINISTERIO DE OBRAS PUBLICAS Y COMUNICACIONES

DIRECCIÓN DE CAMINOS VECINALES

TRAMO: COLONIA (ALMACEN 50) - SAN GERVASIO - STA. CECILIA - YROYSA - PIREKA - DESVÍO KAGUEREÉ-DEPARTAMENTO GUAIRA

LOTE 1 (0+000 - 16+060) L= 16,06 km

PLANILLA DE COMPUTO METRICO Y PRESUPUESTO

					CALDETEC SRL			TECNOLOGÍA DEL SUR SAE			CONSTRUCTORA ASUNCION S.A		
ITEM	**DESCRIPCION**	**UNIDAD DE MEDIDA**	**CANTIDAD**	**PRECIO UNITARIO REFERENCIAL GS. IVA INCLUIDO**	**PRECIO UNITARIO CON IVA (Gs)**	**PRECIO TOTAL CON IVA(Gs)**	**DIFERENCIA CON EL REFERENCIAL**	**PRECIO UNITARIO CON IVA (Gs)**	**PRECIO TOTAL CON IVA(Gs)**	**DIFERENCIA CON EL REFERENCIAL**	**PRECIO UNITARIO CON IVA (Gs)**	**PRECIO TOTAL CON IVA(Gs)**	**DIFERENCIA CON EL REFERENCIAL**
1	Desbroce, despeje y limpieza	Ha	16,06	4.415.929	6.983.439	112.154.030	58,14%	5.999.600	96.353.576	35,86%	4.708.463	75.617.916	6,62%
2	Excavación no clasificada	m3	14.713,14	27.398	22.470	330.604.204	-17,99%	13.000	191.270.790	-52,55%	27.000	397.254.718	-1,45%
3	Excavación de zanjas de drenajes	m3	530,00	31.009	12.256	6.495.680	-60,48%	17.049	9.035.970	-45,02%	33.136	17.562.080	6,86%
4	Excavación de Bolsones	m3	2.000,00	31.634	21.742	43.484.000	-31,27%	26.925	53.850.000	-14,89%	31.161	62.322.000	-1,50%
5	Excavación en Roca	m3	10.228,12	150.226	71.309	729.356.938	-52,53%	73.588	752.666.821	-51,02%	131.016	1.340.047.239	-12,79%
6	Terraplén con Transporte 5 Km	m3	155.940,84	38.123	32.648	5.091.156.610	-14,36%	36.630	5.712.113.042	-3,92%	34.929	5.446.857.670	-8,38%
7	Alcantarilla Tubular Simple de 0,80 m	m	84,00	3.943.576	1.129.156	94.849.104	-71,37%	3.943.576	331.260.384	0,00%	2.775.674	233.156.616	-29,62%
8	Alcantarilla celular simple 1,00 m x 1,00 m	m	140,00	4.341.166	2.641.494	369.809.160	-39,15%	2.894.554	405.237.560	-33,32%	4.048.327	566.905.780	-6,72%
9	Alcantarilla celular doble 1,00 m x 1,00 m	m	30,00	5.946.377	7.666.496	229.994.880	28,93%	5.789.108	173.673.240	-2,64%	6.584.966	197.549.580	10,74%
10	Alcantarilla celular simple 1,50 m x 1,50 m	m	32,00	7.767.316	6.833.070	218.658.240	-12,03%	4.247.635	135.924.320	-45,31%	5.720.759	183.064.288	-26,35%
11	Alcantarilla celular doble 1,50 m x 1,50 m	m	54,00	10.986.971	10.129.055	546.968.970	-7,81%	7.301.495	394.280.730	-33,54%	9.294.300	501.892.200	-15,41%
12	Alcantarilla celular triple 3.00 m x 3,00 m	m	13,00	42.688.101	37.829.527	491.783.851	-11,38%	36.077.113	469.002.469	-15,49%	35.311.694	459.052.022	-17,28%
13	Accesos Laterales con Losa H°A° y Mamp. De Piedra	m	5,00	5.386.480	5.236.930	26.184.650	-2,78%	5.386.480	26.932.400	0,00%	6.166.927	30.834.635	14,49%
14	Cuneta revestida de hormigón	m3	2.971,60	915.450	1.034.284	3.073.478.334	12,98%	1.049.788	3.119.550.021	14,67%	963.889	2.864.292.552	5,29%
15	Disipadores de energía de hormigón	m3	220,20	915.450	984.258	216.733.612	7,52%	1.300.907	286.459.721	42,11%	922.087	203.043.557	0,72%
16	Cordón Cuneta de Hormigón	m3	1.291,40	845.575	961.102	1.241.167.123	13,66%	945.575	1.221.115.555	11,83%	915.349	1.182.081.699	8,25%
17	Baden de Hormigón	m3	35,64	978.208	1.050.590	37.443.028	7,40%	978.208	34.863.333	0,00%	1.085.654	38.692.709	10,98%
18	Sub Base Cementada RC7 ≥ 2,8 Mpa (e=20 cm)	m3	35.543,05	262.454	281.876	10.011.823.588	7,32%	273.156	9.708.796.819	4,08%	254.935	9.061.166.942	-2,86%
19	Base Granular (CBR ≥ 100%) (e= 20 cm)	m3	34.393,65	316.067	250.367	8.611.035.971	-20,79%	245.011	8.426.823.560	-22,48%	255.278	8.779.943.206	-19,23%
20	Riego de Imprimación	lt	172.002,60	10.264	11.179	1.922.817.065	8,91%	12.109	2.082.779.483	17,98%	9.082	1.562.127.611	-11,52%
21	Riego de Liga	lt	90.000,00	8.436	7.094	638.460.000	-15,91%	5.603	504.270.000	-33,58%	7.550	679.500.000	-10,50%
22	Carpeta de concreto Asfaltico e= 5 cm	m3	5.863,31	1.105.226	1.200.245	7.037.404.910	8,60%	1.345.458	7.888.833.310	21,74%	1.345.985	7.891.923.272	21,78%
23	Banquina Concreto Asfaltico e= 2 cm	m3	872,52	1.105.226	1.234.698	1.077.296.230	11,71%	1.412.731	1.232.633.227	27,82%	1.345.985	1.174.396.140	21,78%
24	Construccion de alambrado	m	5.126,00	26.834	22.050	113.028.300	-17,83%	19.747	101.223.122	-26,41%	30.578	156.742.828	13,95%
25	Señalización horizontal (Termo plastica-Caliente)	m2	7.112,75	71.249	73.805	524.956.716	3,59%	73.963	526.080.531	3,81%	81.400	578.978.073	14,25%
26	Tachas reflectantes bidireccionales	un.	2.732	34.316	23.987	65.525.312	-30,10%	24.995	68.278.866	-27,16%	27.830	76.023.239	-18,90%
27	Tachones 25 x 15 x 5	un.	231,00	81.112	61.504	14.207.424	-24,17%	93.674	21.638.694	15,49%	71.500	16.516.500	-11,85%
28	Señalización vertical	m2	142,39	1.549.007	1.032.176	146.975.669	-33,37%	1.423.313	202.386.443	-8,24%	1.375.000	195.791.750	-11,23%
29	Pórticos	un	2,00	75.000.000	47.693.744	95.387.488	-36,41%	59.416.333	118.832.666	-20,78%	58.520.000	117.040.000	-21,97%
30	Empastado	m2	96.360,00	13.399	8.885	856.158.600	-33,69%	7.385	711.618.600	-44,88%	10.512	1.012.936.320	-21,55%
31	Refugio para darsena y alumbrado público	un	6,00	32.919.763	44.112.067	264.672.402	34,00%	32.919.763	197.518.578	0,00%	31.241.282	187.447.692	-5,10%
32	Baranda de defensa metálica	m	6.460,28	349.518	315.490	2.038.153.737	-9,74%	312.459	2.018.572.629	-10,60%	352.000	2.274.018.560	0,71%
33	Traslado de Estructuras del Servicio Público	un	29,00	11.443.329	2.043.272	59.254.888	-82,14%	1.974.720	57.266.880	-82,74%	8.926.003	258.854.087	-22,00%
34	Reposición y traslado de agua cte.	m	110,00	39.441	27.605	3.036.550	-30,01%	47.380	5.211.800	20,13%	42.187	4.640.570	6,96%
35	Remoción de alcantarillas y pontillones existentes	un	19,00	6.330.699	4.173.593	79.298.267	-34,07%	5.269.920	100.052.480	-16,82%	6.369.088	121.012.672	0,61%
36	Protección préstamos	un	5,00	30.705.613	21.212.643	106.063.215	-30,92%	19.747.200	98.736.000	-35,69%	28.859.236	144.296.180	-6,01%
37	Instalaciones y Servicios Especializados	mes	18,00	19.800.000	32.858.253	591.448.554	65,95%	17.310.464	311.588.352	-12,57%	22.599.271	406.786.878	14,14%
38	Movilización	gl	1,00	1.602.215.443	1.042.487.253	1.042.487.253	-34,93%	346.413.208	346.413.208	-78,38%	1.509.585.596	1.509.585.596	-5,78%
39	Implementación del PGA-DIA	gl	1,00	825.775.500	268.648.380	268.648.380	-67,47%	329.120.000	329.120.000	-60,14%	847.000.000	847.000.000	2,57%
				TOTAL GS. IVA INCLUIDO		**48.428.262.933**			**48.472.265.180**			**50.856.955.379**	
				Total según acta	**48.428.271.465**			**48.472.273.225**			**50.856.963.019**		
				Total según oferta física	**48.428.271.465**			**48.472.273.225**			**50.856.963.019**		
				Diferencia	**-8.532**			**-8.045**			**-7.640**		

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