LLAMADO LPN Nº 82/2019

LICITACIÓN PÚBLICA INTERNACIONAL PARA LAS OBRAS DE CONSTRUCCIÓN DE PAVIMENTACIÓN TIPO ALFÁLTICO EN LOS TRAMOS DE CAMINOS VECINALES EN LOS DEPARTAMENTOS DE SAN PEDRO Y CAAGUAZU – GRUPO 2. ID: 366.412.

PLANILLA DE COMPUTO METRICO Y PRESUPUESTO

LOTE 1: Tramo: Calle 3 de Noviembre - Capiibary, Long.: 8,84 Km					HITO S.A			CONSORCIO BRIALES HIDRACO			CALDETEC INGENIERIA S.R.L			EDIVI S.A		
ITEM	DESCRIPCION	UNID.	CANTIDAD	PRECIO UNITARIO 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	PRECIO UNITARIO CON IVA (Gs)	PRECIO TOTAL CON IVA(Gs)	DIFERENCIA CON EL REFERENCIAL
1	DESBOSQUE, DESBROCE Y DESPEJE	Ha.	10,85	2.911.009	12.941.349	140.413.637	345%	7.384.644	80.123.387	154%	3.996.189	43.358.651	37%	2.794.000	30.314.900	-4%
2	REMOCIÓN DE ESTRUCTURAS EXISTENTES	gl.	1	56.992.769	42.375.182	42.375.182	-26%	58.874.644	58.874.644	3%	53.282.500	53.282.500	-7%	44.704.000	44.704.000	-22%
3	EXCAVACIÓN NO CLASIFICADA	m3	4.336,62	29.681	30.709	133.173.264	3%	23.276	100.939.167	-22%	26.894	116.629.058	-9%	27.940	121.165.163	-6%
4	EXCAVACIÓN DE BOLSONES	m3	500	45.019	31.682	15.841.000	-30%	36.167	18.083.500	-20%	35.474	17.737.000	-21%	36.322	18.161.000	-19%
5	EXCAVACIÓN DE ZANJAS DE DRENAJE	m3	4.620	50.882	27.378	126.486.360	-46%	32.564	150.445.680	-36%	27.438	126.763.560	-46%	41.910	193.624.200	-18%
6	TERRAPLÉN (Última capa mejorada (30 cm) CBR > 15%	m3	27.164,47	47.035	36.675	996.256.937	-22%	46.178	1.254.400.896	-2%	43.357	1.177.769.926	-8%	52.611	1.429.149.931	12%
7	CARPETA DE CONCRETO ASFÁLTICA (e= 5 cm)	m3	3.166,74	1.200.000	1.285.946	4.072.256.636	7%	1.095.983	3.470.693.205	-9%	1.424.583	4.511.283.969	19%	1.438.828	4.556.394.181	20%
8	RIEGO DE LIGA (0,5 litros / m2)	m2	63.334,75	9.000	6.603	418.199.354	-27%	5.837	369.684.936	-35%	3.874	245.358.822	-57%	6.791	430.106.287	-25%
9	IMPRIMACIÓN CON MC 30 (1,2 litros / m2)	m2	63.334,75	12.000	11.583	733.606.409	-3%	9.405	595.663.324	-22%	6.577	416.552.651	-45%	12.040	762.550.390	0%
10	BASE DE MACADAM HIDRÁULICO (15 cm)	m3	9.500,21	216.000	191.283	1.817.228.669	-11%	252.981	2.403.372.626	17%	237.252	2.253.943.823	10%	236.922	2.250.808.754	10%
11	SUB BASE DE MACADAM HIDRÁULICO (15 cm)	m3	9.500,21	180.000	178.805	1.698.685.049	-1%	231.278	2.197.189.568	28%	187.771	1.783.863.932	4%	215.364	2.046.003.226	20%
12	BANQUINA ENRIPIADA (30 cm)	m3	8.749,44	132.840	59.639	521.807.852	-55%	76.646	670.609.578	-42%	129.790	1.135.589.818	-2%	104.383	913.292.796	-21%
13	ALCANTARILLA CELULAR SIMPLE DE H°A° []=1,50 m x1,50m.	ml	15	7.501.445	4.025.322	60.379.830	-46%	5.849.955	87.749.325	-22%	3.529.895	52.948.425	-53%	5.703.672	85.555.080	-24%
14	ALCANTARILLA CELULAR DOBLE DE H°A° []=1,00 m x1,00m.	ml	45	6.626.695	3.644.175	163.987.875	-45%	4.410.452	198.470.340	-33%	4.032.469	181.461.105	-39%	5.374.477	241.851.465	-19%
15	ALCANTARILLA CELULAR DOBLE DE H°A° []=1,50 m x1,50m.	ml	15	10.423.398	5.763.846	86.457.690	-45%	7.410.610	111.159.150	-29%	5.715.732	85.735.980	-45%	8.032.660	120.489.900	-23%
16	ALCANTARILLA CELULAR TRIPLE DE H°A° []=1,00 m x1,00m.	ml	60	8.722.195	5.203.264	312.195.840	-40%	6.695.886	401.753.160	-23%	5.608.918	336.535.080	-36%	8.510.294	510.617.640	-2%
17	ALCANTARILLA CELULAR TRIPLE DE H°A° []=1,50 m x1,50m.	ml	15	13.566.648	8.265.230	123.978.450	-39%	7.410.610	111.159.150	-45%	7.417.918	111.268.770	-45%	15.162.087	227.431.305	12%
18	TRASLADO DE ALAMBRADO	ml	1.520	34.152	31.359	47.665.680	-8%	27.099	41.190.480	-21%	20.705	31.471.600	-39%	33.528	50.962.560	-2%
19	CORDÓN CUNETA DE HORMIGÓN	ml	2.000	171.708	191660	383.320.000	12%	145.746	291.492.000	-15%	115.784	231.568.000	-33%	146.199	292.398.000	-15%
20	SEÑALIZACIÓN VERTICAL	m2	20,06	1.374.272	1.166.600	23.401.996	-15%	1.282.707	25.731.102	-7%	1.204.218	24.156.613	-12%	1.606.550	32.227.393	17%
21	SEÑALIZACIÓN HORIZONTAL	m2	2.209,46	45.000	42.980	94.962.591	-4%	113.069	249.821.433	151%	34.977	77.280.282	-22%	41.910	92.598.469	-7%
22	EMPASTADO DE TALUDES	m2	17.675,64	9.398	7.719	136.438.265	-18%	10.769	190.348.967	15%	11.675	206.363.097	24%	9.779	172.850.084	4%
23	BARANDAS METÁLICAS (Tipo flex beam)	ml	620	298.582	199.288	123.558.560	-33%	303.802	188.357.240	2%	180.829	112.113.980	-39%	286.385	177.558.700	-4%
24	CUNETA REVESTIDA DE HORMIGÓN	ml	6.896	208.879	164.145	1.131.943.920	-21%	226.196	1.559.847.616	8%	141.177	973.556.592	-32%	208.259	1.436.154.064	0%
25	PROTECCIÓN FORESTAL DE PRÉSTAMOS	un	1	14.270.453	8.673.027	8.673.027	-39%	13.988.009	13.988.009	-2%	13.236.683	13.236.683	-7%	14.353.792	14.353.792	1%
26	DRENAJE EN BANQUINA	ml	972,16	1.200.000	453.152	440.536.248	-62%	528.800	514.078.208	-56%	1.156.924	1.124.715.236	-4%	909.726	884.399.228	-24%
27	REPOSICIÓN DE CAÑERIA DE RED DE AGUA POTABLE EN ZONA URBANA Ø40mm POR I/ACCESORIO	ml	1.200	10.719	10.064	12.076.800	-6%	40.719	48.862.800	280%	12.645	15.174.000	18%	10.478	12.573.600	-2%
28	MITIGACIÓN AMBIENTAL	gl.	1	44.189.110	53.547.964	53.547.964	21%	43.515.501	43.515.501	-2%	52.925.400	52.925.400	20%	35.996.038	35.996.038	-19%
29	INSTALACIÓN DE SERVICIOS ESPECIALIZADOS	mes	12	32.166.667	53.547.964	642.575.568	66%	30.205.283	362.463.396	-6%	36.841.959	442.103.508	15%	25.164.627	301.975.524	-22%
30	MOVILIZACIÓN (3,0%)	gl.	1	499.585.217	420.919.741	420.919.741	-16%	488.971.187	488.971.187	-2%	398.877.961	398.877.961	-20%	377.190.000	377.190.000	-24%
						14.982.950.395			**16.299.039.576**			**16.353.626.021**			**17.863.457.669**	
					Su oferta	14.982.950.395		Su oferta	16.299.039.576		Su oferta	16.353.996.414		Su oferta	17.863.472.058	
					Diferencia	0		Diferencia	0		Diferencia	-370.393		Diferencia	-14.389	

C.P. Lourdes Paiva
DCV - MOPC

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LICITACIÓN PÚBLICA INTERNACIONAL PARA LAS OBRAS DE CONSTRUCCIÓN DE PAVIMENTACIÓN TIPO ALFÁLTICO EN LOS TRAMOS DE CAMINOS VECINALES EN LOS DEPARTAMENTOS DE SAN PEDRO Y CAAGUAZU – GRUPO 2. ID: 366.412.

PLANILLA DE COMPUTO METRICO Y PRESUPUESTO

LOTE 2:					EDIVI S.A			CONSORCIO RUTA 412			ROVIAL S.A			BOR COM S.A			CONSORCIO ARROYO GUAZÚ		
A. Tramo: Capiibary - Primero de Marzo - Mariscal López-I; Seccion I: Traza Principal																			
ITEM	DESCRIPCION	UNID.	CANTIDAD	PRECIO UNITARIO 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	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	MOVILIZACIÓN (3,0%)	gl.	1	1.149.690.028	830.830.000	830.830.000	-28%	841.293.750	841.293.750	-27%	1.052.064.000	1.052.064.000	-8%	1.093.058.917	1.093.058.917	-5%	1.117.216.276	1.117.216.276	-3%
2	Mantenimiento de Transito Temporal y Seguridad	mes	18	36.828.000	25.883.550	465.903.900	-30%	26.774.124	481.934.232	-27%	32.512.284	585.221.112	-12%	45.535.172	819.633.096	24%	35.734.382	643.218.876	-3%
3	Mantenimiento del Puente Existente	gl	1	18.538.913	19.173.000	19.173.000	3%	17.326.527	17.326.527	-7%	26.976.000	26.976.000	46%	10.922.504	10.922.504	-41%	80.558.208	80.558.208	335%
4	Cartel de Obra	un	2	9.852.940	7.030.100	14.060.200	-29%	7.593.609	15.187.218	-23%	8.092.800	16.185.600	-18%	3.751.843	7.503.686	-62%	7.692.190	15.384.380	-22%
5	Desbosque, Desbroce y Despeje	ha	30,0	6.283.127	4.473.700	134.211.000	-29%	5.926.832	177.804.960	-6%	6.784.507	203.535.210	8%	3.760.865	112.825.950	-40%	9.811.207	294.336.210	56%
6	Excavación no Clasificada	m3	6.100,0	25.692	20.451	124.751.100	-20%	19.472	118.779.200	-24%	20.465	124.836.500	-20%	22.417	136.743.700	-13%	26.207	159.862.700	2%
7	Excavación en Roca	m3	1.595,0	173.199	207.068	330.273.460	20%	125.463	200.113.485	-28%	125.534	200.226.730	-28%	131.056	209.034.320	-24%	129.160	206.010.200	-25%
8	Excavación de Bolsones	m3	1.664,0	30.775	23.008	38.285.312	-25%	22.169	36.889.216	-28%	23.023	38.310.272	-25%	24.920	41.466.880	-19%	31.174	51.873.536	1%
9	Excavación de Zanjas de Drenaje	m3	320,0	32.253	23.008	7.362.560	-29%	23.811	7.619.520	-26%	33.268	10.645.760	3%	26.423	8.455.360	-18%	36.047	11.535.040	12%
10	Terraplenes	m3	199.076,0	42.008	38.742	7.712.602.392	-8%	43.393	8.638.504.868	3%	41.777	8.316.798.052	-1%	38.214	7.607.490.264	-9%	44.212	8.801.548.112	5%
11	Suelo Seleccionado en Banquina	m3	20.226,0	53.431	45.005	910.271.130	-16%	48.591	982.801.566	-9%	46.511	940.731.486	-13%	43.995	889.842.870	-18%	44.184	893.665.584	-17%
12	Remoción de obras de arte	gl	1,0	17.432.164	12.782.000	12.782.000	-27%	13.439.052	13.439.052	-23%	48.911.468	48.911.468	181%	14.210.781	14.210.781	-18%	12.175.728	12.175.728	-30%
13	Remoción de puentes de madera	gl	1,0	19.555.203	19.173.000	19.173.000	-2%	15.706.888	15.706.888	-20%	24.455.734	24.455.734	25%	6.821.175	6.821.175	-65%	24.433.783	24.433.783	25%
14	Traslado de Alambrados	ml	14.605,0	14.252	15.978	233.358.690	12%	12.599	184.008.395	-12%	20.232	295.488.360	42%	45.901	670.384.105	222%	43.799	639.684.395	207%
15	Traslado de Columnas Eléctricas	un	249,0	2.164.859	1.533.840	381.926.160	-29%	2.546.328	634.035.672	18%	2.023.200	503.776.800	-7%	2.801.415	697.552.335	29%	3.519.496	876.354.504	63%
16	Reposición de Red de Agua	m	7.500,0	41.106	30.677	230.077.500	-25%	37.079	278.092.500	-10%	33.720	252.900.000	-18%	21.938	164.535.000	-47%	53.146	398.595.000	29%
17	Sub Base macadam hidráulico	m3	19.428,0	213.629	215.934	4.195.165.752	1%	189.057	3.672.999.396	-12%	207.300	4.027.424.400	-3%	171.454	3.331.008.312	-20%	168.862	3.280.650.936	-21%
18	Base macadam hidráulico	m3	19.428,0	247.563	222.791	4.328.383.548	-10%	207.169	4.024.879.332	-16%	222.879	4.330.093.212	-10%	175.112	3.402.075.936	-29%	198.119	3.849.055.932	-20%
19	Imprimación Asfáltica	m2	111.086,0	10.596	9.739	1.081.866.554	-8%	12.647	1.404.904.642	19%	9.725	1.080.311.350	-8%	8.353	927.901.358	-21%	9.436	1.048.207.496	-11%
20	Riego de liga	m2	111.086,0	6.791	3.135	348.254.610	-54%	4.888	542.988.368	-28%	3.668	407.463.448	-46%	4.843	537.989.498	-29%	4.885	542.655.110	-28%
21	Carpeta de concreto asfáltico e= 5cm.	m3	6.324,00	1.415.937	1.375.343	8.697.669.132	-3%	1.431.758	9.054.437.592	1%	1.311.176	8.291.877.024	-7%	1.223.189	7.735.447.236	-14%	1.279.308	8.090.343.792	-10%
22	Relleno Granular	m3	59,0	235.859	233.272	13.763.048	-1%	195.078	11.509.602	-17%	242.784	14.324.256	3%	154.528	9.117.152	-34%	172.789	10.194.551	-27%
23	ATHºAº 1Ø 0,80 m	ml	110,0	1.908.335	2.134.594	234.805.340	12%	1.914.388	210.582.680	0%	2.023.200	222.552.000	6%	1.298.103	142.791.330	-32%	1.822.036	200.423.960	-5%
24	ATHºAº 1Ø 1,00 m	ml	54,0	2.374.624	2.236.850	120.789.900	-6%	2.675.281	144.465.174	13%	2.630.166	142.028.964	11%	1.968.531	106.300.674	-17%	2.574.791	139.038.714	8%
25	ATHºAº 2Ø 1,00 m	ml	32,0	4.087.299	4.729.340	151.338.880	16%	4.621.101	147.875.232	13%	4.734.288	151.497.216	16%	3.722.215	119.110.880	-9%	5.149.581	164.786.592	26%
26	ATHºAº 1Ø 1,20 m	ml	12,0	2.915.902	3.348.884	40.186.608	15%	3.479.322	41.751.864	19%	5.681.146	68.173.752	95%	2.649.780	31.797.360	-9%	3.362.472	40.349.664	15%
27	ACHºAº 1Ø 1x 1,0x1,0 m	ml	64,0	3.726.649	4.002.364	256.151.296	7%	3.006.296	192.402.944	-19%	3.911.520	250.337.280	5%	2.945.397	188.505.408	-21%	3.629.668	232.298.752	-3%
28	ACHºAº 1Ø 2x 1,5x1,5 m	ml	20,0	8.216.567	8.527.636	170.552.720	4%	6.531.017	130.620.340	-21%	9.387.648	187.752.960	14%	8.378.293	167.565.860	2%	8.524.500	170.490.000	4%
29	Drenes Profundos	ml	1.040,0	389.701	387.026	402.507.040	-1%	277.231	288.320.240	-29%	376.374	391.428.960	-3%	255.403	265.619.120	-34%	273.256	284.186.240	-30%
30	Cunetas revestidas de concreto	m3	2.447,0	1.506.484	1.152.045	2.819.054.115	-24%	1.109.534	2.715.029.698	-26%	1.331.621	3.258.476.587	-12%	1.376.475	3.368.234.325	-9%	1.311.916	3.210.258.452	-13%
31	Disipadores de energia	m3	24,0	1.166.288	1.159.611	27.830.664	-1%	970.170	23.284.080	-17%	1.213.920	29.134.080	4%	1.405.797	33.739.128	21%	2.783.282	66.798.768	139%
32	Señalización vertical	m2	87,0	1.654.950	1.214.290	105.643.230	-27%	1.486.495	129.325.065	-10%	944.160	82.141.920	-43%	545.548	47.462.676	-67%	1.337.409	116.354.583	-19%
33	Pórtico de señalización	un	1,0	68.267.022	51.128.000	51.128.000	-25%	60.599.325	60.599.325	-11%	53.952.000	53.952.000	-21%	24.261.189	24.261.189	-64%	59.035.562	59.035.562	-14%
34	Señalización horizontal	m2	5.960,1	37.715	38.346	228.544.077	2%	38.683	230.552.614	3%	51.254	305.476.403	36%	227.582	1.356.400.099	503%	47.887	285.408.914	27%
35	Baranda metálicas de contención	ml	410,0	393.094	293.986	120.534.260	-25%	331.940	136.095.400	-16%	337.899	138.538.590	-14%	290.325	119.033.250	-26%	300.695	123.284.950	-24%
36	Tacha reflectiva	un	3.943,0	54.368	38.985	153.717.855	-28%	39.379	155.271.397	-28%	32.371	127.638.853	-40%	31.139	122.781.077	-43%	25.502	100.554.386	-53%
37	Tachon reflectivo	un	50,0	98.344	89.474	4.473.700	-9%	103.496	5.174.800	5%	53.952	2.697.600	-45%	42.233	2.111.650	-57%	92.821	4.641.050	-6%
38	Protección vegetal de taludes	m2	6.963,9	9.535	11.249	78.337.024	18%	10.296	71.700.417	8%	8.391	58.434.169	-12%	9.072	63.176.592	-5%	12.267	85.426.284	29%
39	Protección de áreas de préstamos	ml	960,0	88.901	63.910	61.353.600	-28%	68.341	65.607.360	-23%	129.818	124.625.280	46%	18.648	17.902.080	-79%	112.202	107.713.920	26%
40	Alambrado	ml	1.570,0	29.299	21.729	34.114.530	-26%	27.577	43.295.890	-6%	33.720	52.940.400	15%	50.979	80.037.030	74%	47.136	74.003.520	61%
41	Parada de omnibus	un	6,0	32.876.922	31.525.328	189.151.968	-4%	25.370.529	152.223.174	-23%	24.278.400	145.670.400	-26%	51.353.763	308.122.578	56%	27.255.240	163.531.440	-17%
42	Mitigación ambiental y social (0,8%)	GL	1,0	304.150.801	262.031.000	262.031.000	-14%	277.963.455	277.963.455	-9%	267.062.400	267.062.400	-12%	199.791.718	199.791.718	-34%	351.973.431	351.973.431	16%
43	Instalación y servicios especializados	mes	18	15.500.000	15.338.400	276.091.200	-1%	17.267.019	310.806.342	11%	15.376.320	276.773.760	-1%	167.374.350	3.012.738.300	980%	31.355.231	564.394.158	102%
B. Tramo: Capiibary - Primero de Marzo - Mariscal López-I; Acceso Calle 26 de febrero 0+000 a 1+952 - Long.: 1,952 Km																			
1	Movilización y Desmovilización (3%)	gl	1	113.173.953	92.581.724	92.581.724	-18%	97.590.075	97.590.075	-14%	80.928.000	80.928.000	-28%	97.513.834	97.513.834	-14%	112.657.008	112.657.008	0%
2	Mantenimiento del Puente Existente	gl	1	18.538.913	19.173.000	19.173.000	3%	17.326.527	17.326.527	-7%	26.976.000	26.976.000	46%	11.125.052	11.125.052	-40%	80.558.208	80.558.208	335%
3	Mantenimiento de Transito Temporal y Seguridad	mes	3	36.828.000	25.883.550	77.650.650	-30%	26.774.124	80.322.372	-27%	32.512.284	97.536.852	-12%	13.927.981	41.783.943	-62%	35.734.382	107.203.146	-3%
4	Cartel de Obra	un	1	9.852.940	7.030.100	7.030.100	-29%	7.593.743	7.593.743	-23%	8.092.800	8.092.800	-18%	3.815.977	3.815.977	-61%	7.692.190	7.692.190	-22%
5	Desbosque, Desbroce y Despeje	ha	4,0	6.283.127	4.473.700	17.894.800	-29%	5.926.832	23.707.328	-6%	6.784.507	27.138.028	8%	3.825.153	15.300.612	-39%	9.811.207	39.244.828	56%
6	Excavación en Roca	m3	766,0	173.199	207.068	158.614.088	20%	125.463	96.104.658	-28%	125.534	96.159.044	-28%	133.297	102.105.502	-23%	129.160	98.936.560	-25%
7	Excavación de Bolsones	m3	225,0	30.775	23.008	5.176.800	-25%	22.169	4.988.025	-28%	23.023	5.180.175	-25%	25.346	5.702.850	-18%	31.174	7.014.150	1%
8	Excavación de Zanjas de Drenaje	m3	72,0	32.253	23.008	1.656.576	-29%	23.811	1.714.392	-26%	33.268	2.395.296	3%	26.875	1.935.000	-17%	36.047	2.595.384	12%
9	Terraplenes	m3	26.481,0	42.008	38.742	1.025.926.902	-8%	43.393	1.149.090.033	3%	41.777	1.106.296.737	-1%	38.867	1.029.237.027	-7%	44.212	1.170.777.972	5%
10	Suelo Seleccionado en Banquina	m3	2.558,0	53.431	45.005	115.122.790	-16%	49.711	127.160.738	-7%	46.511	118.975.138	-13%	44.747	114.462.826	-16%	44.184	113.022.672	-17%
11	Traslado de Alambrados	ml	775	14.252	15.978	12.382.950	12%	12.601	9.765.775	-12%	20.232	15.679.800	42%	46.685	36.180.875	228%	43.799	33.944.225	207%
12	Reposición de Red de Agua	ml	976	41.106	30.677	29.940.752	-25%	37.084	36.193.984	-10%	33.720	32.910.720	-18%	22.313	21.777.488	-46%	53.146	51.870.496	29%
13	Sub Base macadam hidráulico	m3	2401	213.629	215.934	518.457.534	1%	192.927	463.217.727	-10%	207.300	497.727.300	-3%	169.025	405.829.025	-21%	168.862	405.437.662	-21%
14	Base macadam hidráulico	m3	2401	247.563	222.791	534.921.191	-10%	210.976	506.553.376	-15%	222.879	535.132.479	-10%	172.607	414.429.407	-30%	198.119	475.683.719	-20%
15	Imprimación Asfáltica	m2	13664	10.596	9.739	133.073.696	-8%	12.647	172.808.608	19%	9.725	132.882.400	-8%	8.956	122.374.784	-15%	9.436	128.933.504	-11%

C.P. Lourdes Paiva

LOTE 2:					EDIVI S.A			CONSORCIO RUTA 412			ROVIAL S.A			BOR COM S.A			CONSORCIO ARROYO GUAZÚ		
A. Tramo: Capiíbary - Primero de Marzo - Mariscal López-I; Seccion I: Traza Principal																			
ITEM	DESCRIPCION	UNID.	CANTIDAD	PRECIO UNITARIO 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	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
16	Tratamiento Superficial triple en Calzada	m2	13664	50.211	36.841	503.395.424	-27%	38.971	532.499.744	-22%	43.162	589.765.568	-14%	47.237	645.446.368	-6%	50.542	690.605.888	1%
17	ATHºAº 1Ø 0,80 m	ml	64,0	1.908.335	2.134.594	136.614.016	12%	1.925.746	123.247.744	1%	2.023.200	129.484.800	6%	1.355.789	86.770.496	-29%	1.822.036	116.610.304	-5%
18	Señalización horizontal	m2	526,0	37.715	38.346	20.169.996	2%	38.683	20.347.258	3%	51.254	26.959.604	36%	231.472	121.754.272	514%	47.887	25.188.562	27%
19	Tacha Reflectiva	un	492,0	54.368	38.985	19.180.620	-28%	39.379	19.374.468	-28%	32.371	15.926.532	-40%	31.671	15.582.132	-42%	25.502	12.546.984	-53%
20	Tachon Reflectivo	un	50,0	98.344	70.940	3.547.000	-28%	103.496	5.174.800	5%	53.952	2.697.600	-45%	42.954	2.147.700	-56%	92.821	4.641.050	-6%
21	Protección Vegetal de Taludes	m2	5712,0	9.535	11.249	64.254.288	18%	10.296	58.810.752	8%	8.391	47.929.392	-12%	9.228	52.710.336	-3%	12.267	70.069.104	29%
C. Tramo: Capiíbary - Primero de Marzo - Mariscal López-I; Acceso Calle Pablo Cue 0+000 a 1+530 - Long.: 1,53 Km																			
1	Movilización y Desmovilización (3%)	gl	1	81.196.195	70.835.612	70.835.612	-13%	63.938.325	63.938.325	-21%	80.928.000	80.928.000	0%	72.005.573	72.005.573	-11%	79.467.880	79.467.880	-2%
2	Mantenimiento de Transito Temporal y Seguridad	mes	2,0	36.828.000	25.883.550	51.767.100	-30%	26.774.124	53.548.248	-27%	32.512.284	65.024.568	-12%	17.953.998	35.907.996	-51%	35.734.382	71.468.764	-3%
3	Cartel de Obra	un	1	9.852.940	7.030.100	7.030.100	-29%	7.594.148	7.594.148	-23%	8.092.800	8.092.800	-18%	3.815.977	3.815.977	-61%	7.692.190	7.692.190	-22%
4	Desbosque, Desbroce y Despeje	ha	3,1	6.283.127	4.473.700	13.868.470	-29%	5.926.832	18.373.179	-6%	6.784.507	21.031.972	8%	3.825.153	11.857.974	-39%	9.811.207	30.414.742	56%
5	Excavación en Roca	m3	510,0	173.199	207.068	105.604.680	20%	125.463	63.986.130	-28%	125.534	64.022.340	-28%	133.297	67.981.470	-23%	129.160	65.871.600	-25%
6	Excavación de Bolsones	m3	225,0	30.775	23.008	5.176.800	-25%	22.169	4.988.025	-28%	23.023	5.180.175	-25%	25.346	5.702.850	-18%	31.174	7.014.150	1%
7	Excavación de Zanjas de Drenaje	m3	18,0	32.253	23.008	414.144	-29%	23.811	428.598	-26%	33.268	598.824	3%	26.875	483.750	-17%	36.047	648.846	12%
8	Terraplenes	m3	14.035,0	42.008	38.742	543.743.970	-8%	43.393	609.020.755	3%	41.777	586.340.195	-1%	38.867	545.498.345	-7%	44.212	620.515.420	5%
9	Suelo Seleccionado en Banquina	m3	2.005,0	53.431	45.005	90.235.025	-16%	53.072	106.409.360	-1%	46.511	93.254.555	-13%	44.747	89.717.735	-16%	44.184	88.588.920	-17%
10	Traslado de Alambrados	ml	1333,0	14.252	15.978	21.298.674	12%	12.602	16.798.466	-12%	20.232	26.969.256	42%	46.685	62.231.105	228%	43.799	58.384.067	207%
11	Traslado de Columnas Eléctricas	un	13,0	2.164.859	1.533.840	19.939.920	-29%	2.546.328	33.102.264	18%	2.023.200	26.301.600	-7%	2.849.303	37.040.939	32%	3.519.496	45.753.448	63%
12	Reposición de Red de Agua	ml	765,0	41.106	30.677	23.467.905	-25%	37.101	28.382.265	-10%	33.720	25.795.800	-18%	22.313	17.069.445	-46%	53.146	40.656.690	29%
13	Sub Base Macadam Hidráulico	m3	1.882,0	213.629	215.934	406.387.788	1%	202.214	380.566.748	-5%	207.300	390.138.600	-3%	169.025	318.105.050	-21%	168.862	317.798.284	-21%
14	Base Macadam Hidráulico	m3	1.882,0	247.563	222.791	419.292.662	-10%	220.304	414.612.128	-11%	222.879	419.458.278	-10%	172.607	324.846.374	-30%	198.119	372.859.958	-20%
15	Imprimación Asfáltica	m2	10.710,0	10.596	9.739	104.304.690	-8%	12.647	135.449.370	19%	9.725	104.154.750	-8%	8.956	95.918.760	-15%	9.436	101.059.560	-11%
16	Tratamiento Superficial triple en Calzada	m2	10.710,0	50.211	36.841	394.567.110	-27%	39.136	419.146.560	-22%	43.162	462.265.020	-14%	47.237	505.908.270	-6%	50.542	541.304.820	1%
17	ATHºAº 1Ø 0,80 m	ml	16,0	1.908.335	2.134.594	34.153.504	12%	1.946.476	31.143.616	2%	2.023.200	32.371.200	6%	1.363.087	21.809.392	-29%	1.822.036	29.152.576	-5%
18	Cunetas Revestidas de Concreto	m3	66,0	1.506.484	1.152.045	76.034.970	-24%	1.123.792	74.170.272	-25%	1.331.621	87.886.986	-12%	1.372.031	90.554.046	-9%	1.311.916	86.586.456	-13%
19	Señalización Vertical	m2	3,1	1.654.950	1.214.290	3.788.585	-27%	1.487.034	4.639.546	-10%	944.160	2.945.779	-43%	554.873	1.731.204	-66%	1.337.409	4.172.716	-19%
20	Señalización Horizontal	m2	517,02	37.715	38.346	19.825.649	2%	38.683	19.999.885	3%	51.254	26.499.343	36%	231.472	119.675.653	514%	47.887	24.758.537	27%
21	Tacha Reflectiva	un	408,0	54.368	38.985	15.905.880	-28%	39.379	16.066.632	-28%	32.371	13.207.368	-40%	31.671	12.921.768	-42%	25.502	10.404.816	-53%
22	Tachon Reflectivo	un	73,0	98.344	89.474	6.531.602	-9%	103.496	7.555.208	5%	53.952	3.938.496	-45%	42.954	3.135.642	-56%	92.821	6.775.933	-6%
23	Protección Vegetal de Taludes	m2	3.065,6	9.535	11.249	34.484.934	18%	10.296	31.563.418	8%	8.391	25.723.450	-12%	9.228	28.289.357	-3%	12.267	37.605.715	29%
						41.883.905.726			**42.983.278.745**			**43.298.793.967**			**44.031.696.940**			**43.996.703.393**	
					Su oferta	41.883.881.327		Su oferta	42.983.278.745		Su oferta	43.298.777.239		Su oferta	43.348.522.461		Su oferta	43.996.678.917	
					Diferencia	24.399		Diferencia	0		Diferencia	16.728		Diferencia	683.174.479		Diferencia	24.476	

C.P. Lourdes Paiva
DCV - MOPC

LLAMADO LPN Nº 82/2019

LICITACIÓN PÚBLICA INTERNACIONAL PARA LAS OBRAS DE CONSTRUCCIÓN DE PAVIMENTACIÓN TIPO ALFÁLTICO EN LOS TRAMOS DE CAMINOS VECINALES EN LOS DEPARTAMENTOS DE SAN PEDRO Y CAAGUAZU – GRUPO 2. ID: 366.412.

PLANILLA DE COMPUTO METRICO Y PRESUPUESTO

LOTE 3: A. Tramo: Caplibary - Primero de Marzo - Mariscal López-i; Seccion II: Traza Principal 15+000 a 29+920 - Long.: 14,92 Km					EDIVI S.A			BOR COM S.A			ROVIAL S.A			CONSORCIO BRIALES HIDRACO			CONSORCIO ARROYO GUAZÚ		
ITEM	DESCRIPCION	UNID.	CANTIDAD	PRECIO UNITARIO 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	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	Movilización y Desmovilización (3%)	gl	1,0	1.016.480.050	746.141.000	746.141.000	-27%	968.078.257	968.078.257	-5%	1.052.064.000	1.052.064.000	4%	1.014.139.687	1.014.139.687	0%	997.928.043	997.928.043	-2%
2	Mantenimiento del Puente Existente	gl	1,0	18.538.913	16.209.270	16.209.270	-13%	11.015.859	11.015.859	-41%	26.976.000	26.976.000	46%	17.901.001	17.901.001	-3%	75.745.728	75.745.728	309%
3	Mantenimiento de Transito Temporal y Seguridad	mes	18,0	36.828.000	27.015.450	486.278.100	-27%	13.810.939	248.596.902	-62%	32.512.284	585.221.112	-12%	34.847.452	627.254.136	-5%	33.599.640	604.793.520	-9%
4	Cartel de Obra	un	2,0	9.852.940	7.268.443	14.536.886	-26%	3.783.910	7.567.820	-62%	8.092.800	16.185.600	-18%	3.556.332	7.112.664	-64%	7.232.665	14.465.330	-27%
5	Desbosque, Desbroce y Despeje	ha	29,84	6.283.127	4.759.865	142.034.372	-24%	3.793.009	113.183.389	-40%	6.784.507	202.449.689	8%	7.088.260	211.513.678	13%	9.225.093	275.276.775	47%
6	Excavación de Bolsones	m3	1.620,0	30.775	23.156	37.512.720	-25%	25.133	40.715.460	-18%	23.023	37.297.260	-25%	29.200	47.304.000	-5%	29.312	47.485.440	-5%
7	Excavación de Zanjas de Drenaje	m3	969,0	32.253	24.443	23.685.267	-24%	26.649	25.822.881	-17%	33.268	32.236.692	3%	31.218	30.250.242	-3%	33.894	32.843.286	5%
8	Terraplenes	m3	191.481,0	41.986	37.320	7.146.070.920	-11%	38.540	7.379.677.740	-8%	41.777	7.999.501.737	0%	36.082	6.909.017.442	-14%	45.321	8.678.110.401	8%
9	Suelo Seleccionado en Banquina	m3	20.175,0	53.431	45.296	913.846.800	-15%	44.371	895.184.925	-17%	46.511	938.359.425	-13%	47.210	952.461.750	-12%	41.544	838.150.200	-22%
10	Remoción de obras de arte	gl	1,0	17.432.164	14.150.950	14.150.950	-19%	14.332.241	14.332.241	-18%	48.911.468	48.911.468	181%	18.595.030	18.595.030	7%	11.448.361	11.448.361	-34%
11	Remoción de Puente de madera	gl	1,0	19.555.203	14.794.175	14.794.175	-24%	6.879.475	6.879.475	-65%	24.455.734	24.455.734	25%	18.595.030	18.595.030	-5%	22.974.129	22.974.129	17%
12	Traslado de alambrados	ml	21.655,0	14.252	16.981	367.723.555	19%	46.293	1.002.474.915	225%	20.232	438.123.960	42%	18.395	398.343.725	29%	41.183	891.817.865	189%
13	Traslado de columnas eléctricas	un	257,0	2.164.859	1.569.469	403.353.533	-28%	2.825.359	726.117.263	31%	2.023.200	519.962.400	-7%	1.997.830	513.442.310	-8%	3.309.244	850.475.708	53%
14	Reposición de red de agua	ml	7.460,0	41.106	30.231	225.523.260	-26%	22.126	165.059.960	-46%	33.720	251.551.200	-18%	40.746	303.965.160	-1%	49.971	372.783.660	22%
15	Sub base macadam hidráulico	m3	18.994,0	230.140	213.370	4.052.749.780	-7%	167.604	3.183.470.376	-27%	207.300	3.937.456.200	-10%	242.787	4.611.496.278	5%	179.302	3.405.662.188	-22%
16	Base Macadam Hidráulico	m3	18.994,0	247.563	220.612	4.190.304.328	-11%	171.157	3.250.956.058	-31%	222.879	4.233.363.726	-10%	284.457	5.402.976.258	15%	209.941	3.987.619.354	-15%
17	Imprimación Asfáltica	m2	108.105,97	10.596	9.947	1.075.330.084	-6%	8.424	910.684.691	-21%	9.725	1.051.330.558	-8%	11.453	1.238.137.674	8%	8.873	959.224.272	-16%
18	Riego de liga	m2	108.105,97	6.791	4.932	533.178.644	-27%	4.884	527.989.557	-28%	3.668	396.532.698	-46%	11.453	1.238.137.674	69%	4.593	496.530.720	-32%
19	Carpeta de concreto asfáltico e= 5cm.	m3	5.371,55	1.415.937	1.384.772	7.438.372.037	-2%	1.228.192	6.597.294.738	-13%	1.311.176	7.043.047.443	-7%	1.066.399	5.728.215.548	-25%	1.231.382	6.614.429.982	-13%
20	Relleno Granular	m3	61,44	235.859	234.777	14.424.699	0%	151.214	9.290.588	-36%	242.784	14.916.649	3%	315.249	19.368.899	34%	154.753	9.508.024	-34%
21	ATHºAº 1Ø 0,80 m	ml	153,0	1.908.335	2.277.017	348.383.601	19%	1.351.632	206.799.696	-29%	2.023.200	309.549.600	6%	1.076.302	164.674.206	-44%	1.811.817	277.208.001	-5%
22	ATHºAº 1Ø 1 m	ml	144,0	2.374.624	2.405.662	346.415.328	1%	2.033.880	292.878.720	-14%	2.630.160	378.743.040	11%	1.600.308	230.444.352	-33%	2.519.603	362.822.832	6%
23	ATHºAº 1Ø 1,2 m	ml	16,0	2.915.902	3.087.480	49.399.680	6%	2.296.745	36.747.920	-21%	3.156.192	50.499.072	8%	2.296.845	36.749.520	-21%	3.260.228	52.163.648	12%
24	ACHºAº 2 x 1 x 1 m	ml	48,0	6.106.101	5.131.072	246.291.456	-16%	4.355.658	209.071.584	-29%	6.532.238	313.547.424	7%	4.430.999	212.687.952	-27%	6.825.670	327.632.160	12%
25	ACHºAº 2 x 1,5 x 1,5 m	ml	16,0	8.216.567	6.367.133	101.874.128	-23%	7.708.514	123.336.224	-6%	9.387.648	150.202.368	14%	7.145.570	114.329.120	-13%	8.015.254	128.244.064	-2%
26	Drenes profundos	ml	500,0	389.701	301.792	150.896.000	-23%	254.381	127.190.500	-35%	376.374	188.187.000	-3%	325.696	162.848.000	-16%	265.769	132.884.500	-32%
27	Cunetas revestidas de concreto	m3	812,0	1.506.484	1.171.832	951.527.584	-22%	1.316.304	1.068.838.848	-13%	1.331.621	1.081.276.252	-12%	1.661.840	1.349.414.080	10%	1.233.543	1.001.636.916	-18%
28	Disipadores de energia	m3	15,55	1.174.892	910.730	14.161.852	-22%	1.482.108	23.046.779	26%	1.213.920	18.876.456	3%	1.299.954	20.214.285	11%	2.633.864	40.956.585	124%
29	Señalización vertical	m2	105,39	1.654.950	1.222.128	128.800.070	-26%	550.211	57.986.737	-67%	944.160	99.505.022	-43%	1.231.226	129.758.908	-26%	1.257.513	132.529.295	-24%
30	portico de señalización	un	1,0	68.267.022	51.458.000	51.458.000	-25%	24.461.354	24.461.354	-64%	53.952.000	53.952.000	-21%	68.184.766	68.184.766	0%	57.086.863	57.086.863	-16%
31	Señalización horizontal	m2	5.237,3	37.715	38.594	202.128.356	2%	229.527	1.202.101.757	509%	51.254	268.432.574	36%	104.042	544.899.167	176%	45.027	235.819.907	19%
32	Tacha reflectiva	un	4.006,0	54.368	40.523	162.335.138	-25%	31.405	125.808.430	-42%	32.371	129.678.226	-40%	36.598	146.611.588	-33%	23.978	96.055.868	-56%
33	Protección de áreas de prestamos	ml	240,0	88.901	70.755	16.981.200	-20%	18.808	4.513.920	-79%	129.818	31.156.320	46%	76.078	18.258.720	-14%	105.500	25.320.000	19%
34	alambrado	ml	980,0	29.299	21.484	21.054.320	-27%	51.414	50.385.720	75%	33.720	33.045.600	15%	80.190	78.586.200	174%	44.320	43.433.600	51%
35	Parada de omnibus	un	6,0	32.876.922	24.327.263	145.963.578	-26%	51.420.974	308.525.844	56%	24.278.400	145.670.400	-26%	21.351.289	128.107.734	-35%	25.627.035	153.762.210	-22%
36	Mitigación ambiental y social (0,8%)	gl.	1	266.529.114	227.148.965	227.148.965	-15%	201.499.339	201.499.339	-24%	267.062.400	267.062.400	0%	270.437.250	270.437.250	1%	332.202.219	332.202.219	25%
37	Plan para la Comunidad Indígena Arroyo Guazu	gl.	1	300.000.000	221.526.690	221.526.690	-26%	51.271.000	51.271.000	-83%	292.249.500	292.249.500	-3%	298.349.999	298.349.999	-1%	478.985.676	478.985.676	60%
38	Instalación y servicios especializados	mes	18	15.500.000	15.437.400	277.873.200	0%	168.804.900	3.038.488.200	989%	15.376.320	276.773.760	-1%	28.992.990	521.873.820	87%	29.482.095	530.677.710	90%

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LOTE 3:					EDIVI S.A			BOR COM S.A			ROVIAL S.A			CONSORCIO BRIALES HIDRACO			CONSORCIO ARROYO GUAZÚ		
A. Tramo: Capiibary - Primero de Marzo - Mariscal López-I; Seccion II: Traza Principal 15+000 a 29+920 - Long.: 14,92 Km																			
ITEM	DESCRIPCION	UNID.	CANTIDAD	PRECIO UNITARIO 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	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
B. Tramo: Capiibary - Primero de Marzo - Mariscal López-I; Acceso Chachi 0+000 a 1+838 - Long.: 1,838 Km																			
1	Movilización y Desmovilización (3%)	gl	1	247.712.879	180.521.097	180.521.097	-27%	216.728.235	216.728.235	-13%	203.895.000	203.895.000	-18%	226.288.741	226.288.741	-9%	237.864.213	237.864.213	-4%
2	Mantenimiento de Transito Temporal y Seguridad	mes	3	36.828.000	27.015.450	81.046.350	-27%	13.810.939	41.432.817	-62%	32.512.284	97.536.852	-12%	51.191.422	153.574.266	39%	33.599.640	100.798.920	-9%
3	Cartel de Obra	un	1	9.852.940	7.268.443	7.268.443	-26%	3.783.910	3.783.910	-62%	8.092.800	8.092.800	-18%	3.556.332	3.556.332	-64%	7.232.665	7.232.665	-27%
4	Desbosque, Desbroce y Despeje	ha	3,68	6.283.127	4.759.865	17.516.303	-24%	3.615.027	13.303.299	-42%	6.784.500	24.966.960	8%	7.088.260	26.084.797	13%	9.225.093	33.948.342	47%
5	Excavación no clasificada	m3	31.220,00	25.692	23.156	722.930.320	-10%	22.609	705.852.980	-12%	20.468	639.010.960	-20%	21.089	658.398.580	-18%	24.641	769.292.020	-4%
6	Excavación en roca	m3	5.880,21	173.199	154.374	907.751.539	-11%	132.177	777.228.517	-24%	125.534	738.166.282	-28%	95.297	560.366.372	-45%	121.444	714.116.223	-30%
7	Excavación de bolsones	m3	702,00	30.775	24.443	17.158.986	-21%	25.133	17.643.366	-18%	23.023	16.162.146	-25%	29.200	20.498.400	-5%	29.312	20.577.024	-5%
8	Excavación de zanjas de drenaje	m3	700,80	32.253	24.443	17.129.654	-24%	32.148	22.529.318	0%	33.268	23.314.214	3%	31.218	21.877.574	-3%	33.894	23.752.915	5%
9	Terraplenes	m3	54.840,00	41.986	37.320	2.046.628.800	-11%	38.540	2.113.533.600	-8%	41.777	2.291.050.680	0%	36.082	1.978.736.880	-14%	45.321	2.485.403.640	8%
10	Suelo seleccionado en banquina	m3	2.407,78	53.431	45.296	109.062.803	-15%	44.371	106.835.606	-17%	46.511	111.988.256	-13%	47.210	113.671.294	-12%	41.544	100.028.812	-22%
11	Remoción de Puente de madera	gl	1,00	19.555.203	14.794.175	14.794.175	-24%	7.512.827	7.512.827	-62%	24.455.734	24.455.734	25%	18.595.030	18.595.030	-5%	22.974.129	22.974.129	17%
12	Traslado de alambrados	ml	2.540,00	14.252	16.981	43.131.740	19%	46.293	117.584.220	225%	20.232	51.389.280	42%	18.395	46.723.300	29%	41.183	104.604.820	189%
13	Traslado de columnas eléctricas	un	11,00	2.164.859	1.569.469	17.264.159	-28%	2.825.359	31.078.949	31%	2.023.200	22.255.200	-7%	1.997.830	21.976.130	-8%	3.309.244	36.401.684	53%
14	Reposición de red de agua	ml	919,00	41.106	30.231	27.782.289	-26%	22.126	20.333.794	-46%	33.720	30.988.680	-18%	40.746	37.445.574	-1%	49.971	45.923.349	22%
15	Sub Base Macadam Hidráulico	m3	2.260,74	230.140	213.370	482.374.094	-7%	167.604	378.909.067	-27%	207.300	468.651.402	-10%	242.741	548.774.288	5%	179.302	405.355.203	-22%
16	Base Macadam Hidráulico	m3	2.260,74	247.563	229.469	518.769.747	-7%	171.157	386.941.476	-31%	222.879	503.871.470	-10%	284.406	642.968.020	15%	209.941	474.622.016	-15%
17	Imprimación Asfáltica	m2	12.866,00	10.596	9.947	127.978.102	-6%	8.424	108.383.184	-21%	9.725	125.121.850	-8%	11.453	147.354.298	8%	8.873	114.160.018	-16%
18	Tratamiento Superficial Triple en Calzada	m2	12.866,00	50.670	38.798	499.175.068	-23%	53.907	693.567.462	6%	43.162	555.322.292	-15%	34.694	446.373.004	-32%	47.555	611.842.630	-6%
19	Relleno Granular	m3	94,17	235.859	234.777	22.108.950	0%	151.214	14.239.822	-36%	242.784	22.862.969	3%	315.225	29.684.738	34%	154.753	14.573.090	-34%
20	ATHºAº 1Ø 0,80 m	ml	16,00	1.908.335	2.277.017	36.432.272	19%	1.351.632	21.626.112	-29%	2.023.200	32.371.200	6%	1.083.171	17.330.736	-43%	1.811.817	28.989.072	-5%
21	ACHºAº 3 x 2,0 x 2,0 m	ml	43,00	14.737.836	10.468.312	450.137.416	-29%	13.724.909	590.171.087	-7%	17.174.756	738.514.508	17%	15.741.849	676.899.507	7%	15.181.416	652.800.888	3%
22	Drenes profundos	ml	760,00	389.701	301.792	229.361.920	-23%	254.381	193.329.560	-35%	376.374	286.044.240	-3%	325.696	247.528.960	-16%	265.769	201.984.440	-32%
23	Cunetas revestidas de concreto	m3	327,00	1.506.484	1.171.832	383.189.064	-22%	1.349.131	441.165.837	-10%	1.331.621	435.440.067	-12%	1.661.840	543.421.680	10%	1.233.543	403.368.561	-18%
24	Disipadores de energia	m3	2,77	1.174.892	910.730	2.522.722	-22%	1.414.541	3.918.279	20%	1.213.920	3.362.558	3%	1.299.954	3.600.873	11%	2.633.864	7.295.803	124%
25	Señalización Vertical	m2	2,24	1.654.950	1.222.128	2.737.567	-26%	550.211	1.232.473	-67%	944.160	2.114.918	-43%	1.231.226	2.757.946	-26%	1.257.513	2.816.829	-24%
26	Señalización horizontal	m2	671,45	37.715	38.594	25.913.941	2%	229.527	154.115.904	509%	51.254	34.414.498	36%	106.887	71.769.276	183%	45.027	30.233.379	19%
27	Baranda Metálicas de Contención	ml	480,00	393.094	279.160	133.996.800	-29%	292.807	140.547.360	-26%	337.899	162.191.520	-14%	292.122	140.218.560	-26%	282.731	135.710.880	-28%
28	Tacha Reflectiva	un	500,00	54.368	40.523	20.261.500	-25%	31.405	15.702.500	-42%	32.371	16.185.500	-40%	36.598	18.299.000	-33%	23.987	11.993.500	-56%
29	Tachon Reflectivo	un	50,00	98.344	70.755	3.537.750	-28%	42.593	2.129.650	-57%	53.952	2.697.600	-45%	109.671	5.483.550	12%	87.276	4.363.800	-11%
30	Protección Vegetal de Taludes	m2	10.890,00	9.535	11.321	123.285.690	19%	9.150	99.643.500	-4%	8.391	91.377.990	-12%	10.349	112.700.610	9%	11.534	125.605.260	21%
						38.792.208.785			**40.678.350.380**			**40.702.168.193**			**41.347.616.171**			**41.525.329.168**	
					Su oferta	38.792.221.008		Su oferta	40.678.356.230		Su oferta	40.701.873.315		Su oferta	41.347.614.251		Su oferta	41.525.277.389	
					Diferencia	-12.223		Diferencia	-5.850		Diferencia	294.878		Diferencia	1.920		Diferencia	51.779	

C.P. Lourdes Paiv
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