OBRA DE DESAGÜE PLUVIAL EN LA CUENCA DE LAS CALLES ISABEL LA CATÓLICA Y TTE. 1º KANONNIKOFF - ID Nº 388.594

PLANILLA DE CÓMPUTO MÉTRICO Y PRESUPUESTO ESTIMATIVO				CONSORCIO CPV		ALFA & OMEGA		CONSORCIO VARADERO		CONSORCIO G y B		COVIPA S.A.		TECNOLOGIA DEL SUR		SOCIEDAD CONSTRUCTORA CMACO		CONCRET MIX S.A.-		FELDMANN S.A.-		PROEL INGENIERIA.-		E.D.B CONSTRUCCIONES.-		CONSORCIO NUEVA ESPERANZA		CONSORCIO CPV		TECNOEDIL S.A. CONSTRUCTORA		CHAVES CONSTRUCCIONES	
IT	RUBRO - DESCRIPCIÓN	UN	CANT.	PRECIO UNITARIO	PRECIO TOTAL	PRECIO UNITARIO	PRECIO TOTAL	PRECIO UNITARIO	PRECIO TOTAL	PRECIO UNITARIO	PRECIO TOTAL	PRECIO UNITARIO	PRECIO TOTAL	PRECIO UNITARIO	PRECIO TOTAL	PRECIO UNITARIO	PRECIO TOTAL	Precio Unitario	Precio Total	Precio Promedio	Precio Total	Precio Promedio	Precio Total	Precio Promedio	Precio Total	Precio Promedio	Precio Total	Precio Unitario Promedio	Precio Total	Precio Unitario Promedio	Precio Total	Precio Unitario Promedio	Precio Total
1	LEVANTAMIENTO Y REPOSICIÓN DE TAPAS DE REGISTROS CLOACALES	un	13	382.700	4.975.100	298.198	3.876.580	751.637	9.771.281	577.500	7.507.500	777.315	10.105.095	905.454	11.770.902	188.954	2.456.402	809.458	10.522.954	629.364	8.181.732	522.704	6.795.152	813.126	10.570.632	614.150	7.983.950	382.700	4.975.100	962.566	12.513.358	614.295	7.985.835
2	LEVANTAMIENTO Y REPOSICIÓN DE VÁLVULAS DE AGUA CORRIENTE	un	13	470.400	6.115.200	298.198	3.876.580	415.705	5.404.165	418.226	5.436.938	394.639	5.130.307	500.000	6.500.000	318.464	4.140.032	404.729	5.261.477	382.569	4.973.397	427.631	5.559.203	432.216	5.618.813	435.126	5.656.638	470.400	6.115.200	261.031	3.393.403	613.941	7.981.233
3	REMOCION Y REPOSICIÓN DE CORDONES DE H° PREFABRICADO	ml	360	57.400	20.664.000	37.331	13.438.989	59.569	21.444.840	57.080	20.548.800	58.575	21.087.000	66.156	23.816.160	81.252	29.250.720	145.021	52.207.560	56.238	20.245.680	53.264	19.175.040	139.686	50.286.852	51.664	18.599.040	57.400	20.664.000	106.272	38.257.920	75.016	27.005.760
4	REMOCIÓN Y REPOSICIÓN DE EMPEDRADO	m2	6.903	69.100	476.997.300	35.520	245.192.593	52.733	364.015.899	45.247	312.340.041	42.075	290.443.725	55.795	385.152.885	57.706	398.344.518	48.681	336.044.943	44.991	1.892.996.325	39.417	272.095.551	49.229	339.830.548	50.422	348.063.066	69.100	476.997.300	83.730	577.988.190	54.318	374.957.154
5	REMOCIÓN DE PAVIMENTO ASFÁLTICO	m2	4.144	9.700	40.196.800	19.965	82.736.328	25.848	107.114.112	23.100	95.726.400	17.786	73.705.184	19.669	81.508.336	30.049	124.523.056	35.316	146.349.504	26.254	466.953.644	24.575	101.838.800	36.451	151.051.701	41.696	172.788.224	9.700	40.196.800	31.320	129.790.080	15.398	63.809.312
6	BASE TELFORD - e= 0,25 m	m2	6.903	69.900	482.519.700	84.425	582.784.560	84.986	586.658.358	80.446	555.318.738	90.653	625.777.659	61.752	426.274.056	78.958	545.047.074	59.564	411.170.292	80.296	7.279.073.288	55.284	381.625.452	89.696	619.172.869	42.115	290.719.845	69.900	482.519.700	90.648	625.743.144	66.254	457.351.362
7	RIEGO DE LIGA	lts	14.657	11.000	161.227.000	6.251	91.615.505	7.392	108.344.544	6.697	98.157.929	6.305	92.412.385	8.669	127.061.533	6.793	99.565.001	6.569	96.281.833	6.657	41.972.385	6.070	88.967.990	7.445	109.118.434	6.699	98.187.243	11.000	161.227.000	7.986	117.050.802	7.679	112.551.103
8	REGULARIZACIÓN ASFÁLTICA - Tasa 50 kg/m2	tn	611	674.400	412.058.400	650.167	397.251.829	707.259	432.135.249	579.810	354.263.910	613.117	374.614.487	682.952	417.283.672	640.597	391.404.767	589.360	360.098.960	625.607	383.570.287.019	814.738	497.804.918	567.892	346.981.707	642.096	392.320.656	674.400	412.058.400	564.640	344.995.040	661.871	404.403.181
9	CARPETA CON HORMIGÓN ASFÁLTICO EN CALIENTE - Tasa 100 kg/m2	tn	1.221	691.000	843.711.000	644.363	786.766.960	722.338	881.974.698	605.220	738.973.620	613.117	748.615.857	690.707	843.353.247	640.597	782.168.937	590.876	721.459.596	697.399	851.524.179	814.738	994.795.098	571.258	697.505.408	1.276.815	1.558.991.115	691.000	843.711.000	568.572	694.226.412	661.871	808.144.491
10	EXCAVACIÓN	m3	13.084	13.200	172.708.800	22.331	292.180.112	21.243	277.943.412	23.100	302.240.400	18.746	245.272.664	28.928	378.493.952	24.156	316.057.104	26.004	340.236.336	22.485	421.503.810	31.939	417.889.876	25.737	336.738.983	28.969	379.030.396	13.200	172.708.800	24.174	316.292.616	15.411	201.637.524
11	ENTIBADO	m2	2.240	105.000	235.200.000	111.722	250.256.899	68.264	152.911.360	112.671	252.383.040	78.986	176.928.640	149.364	334.575.360	71.301	159.714.240	128.445	287.716.800	118.627	265.724.480	132.733	297.321.920	126.900	284.256.896	29.720	66.572.800	105.000	235.200.000	131.899	295.453.760	69.108	155.003.520
12	**Relleno y compactación**																																
12.1	ASIENTO DE PIEDRA TRITURADA V - e= 0,15 m	m3	771	303.100	233.690.100	119.394	92.052.774	148.919	114.816.549	110.880	85.488.480	187.281	144.393.651	188.307	145.184.697	172.179	132.750.009	198.458	153.011.118	130.208	100.390.368	170.782	131.672.922	197.605	152.353.532	163.997	126.441.687	303.100	233.690.100	250.884	193.431.564	238.261	183.699.231
12.2	RELLENO COMPACTADO CON ARENA LAVADA	m3	3.148	82.400	259.395.200	80.923	254.744.345	61.038	192.147.624	80.850	254.515.800	89.711	282.410.228	71.651	225.557.348	103.090	324.527.320	103.563	326.016.324	80.279	252.718.292	76.787	241.725.476	105.853	333.225.244	116.073	365.397.804	82.400	259.395.200	97.005	305.371.740	73.268	230.647.664
12.3	RELLENO COMPACTADO CON DESTAPE DE CANTERA e= 0,50 m	m3	1.698	113.400	192.553.200	73.553	124.892.315	86.423	146.746.254	88.935	151.011.630	138.966	235.964.268	88.927	150.998.046	171.388	291.016.824	153.242	260.204.916	81.643	138.629.814	207.874	352.970.052	162.155	275.339.869	87.034	147.783.732	113.400	192.553.200	215.372	365.701.656	164.547	279.400.806
13	**Desagüe pluvial**																																
13.1	ALCANTARILLA 1,0 x 1,0 m	ml	112	1.773.700	198.654.400	2.040.350	228.519.193	2.483.481	278.149.872	1.995.840	223.534.080	1.606.846	179.966.752	2.048.006	229.376.672	2.226.710	249.391.520	2.581.408	289.117.696	2.384.730	267.089.760	1.633.220	182.920.640	2.553.602	286.003.379	1.916.606	214.659.872	1.773.700	198.654.400	2.382.329	266.820.848	2.219.576	248.592.512
13.2	ALCANTARILLA 1,5 x 1,5 m	ml	827	2.204.900	1.823.452.300	3.138.144	2.595.245.401	3.480.962	2.878.755.574	3.143.104	2.599.347.008	2.269.326	1.876.732.602	2.488.636	2.058.101.972	3.079.117	2.546.429.759	3.719.935	3.076.386.245	3.429.751	2.836.404.077	2.186.438	1.808.184.226	3.353.906	2.773.679.849	1.980.384	1.637.777.568	2.204.900	1.823.452.300	3.390.789	2.804.182.503	3.676.259	3.040.266.193
13.3	ALCANTARILLA 2,0 x 2,0 m	ml	281	2.586.400	726.778.400	4.998.559	1.404.595.184	4.742.086	1.332.526.166	5.068.602	1.424.277.162	3.043.092	855.108.852	3.079.859	865.440.379	3.994.073	1.122.334.513	4.729.874	1.329.094.594	4.582.198	1.287.597.638	3.019.310	848.426.110	4.742.373	1.332.606.757	3.100.240	871.167.440	2.586.400	726.778.400	4.232.041	1.189.203.521	5.142.557	1.445.058.517
13.4	PROVISIÓN Y COLOCACIÓN DE TUBOS DE Ø 600 mm	ml	180	403.100	72.558.000	507.159	91.288.652	519.885	93.579.300	449.295	80.873.100	618.197	111.275.460	495.981	89.276.580	935.911	168.463.980	496.616	89.390.880	559.240	100.663.200	584.333	105.179.940	485.253	87.345.522	543.805	97.884.900	403.100	72.558.000	441.571	79.482.789	555.214	99.938.520
13.5	PROVISIÓN Y COLOCACIÓN DE TUBOS DE Ø 800 mm	ml	200	633.100	126.620.000	707.608	141.521.688	809.263	161.852.600	712.060	142.412.000	883.663	176.732.600	852.503	170.500.600	1.291.469	258.293.800	760.534	152.106.800	831.233	166.246.600	608.738	121.747.600	753.349	150.669.860	944.228	188.845.600	663.100	126.620.000	674.669	134.933.800	1.011.306	202.261.200
13.6	SUMIDEROS DE UNA BOCA	un	42	6.052.000	254.184.000	3.709.187	155.785.848	5.004.955	210.208.110	5.411.608	227.287.536	4.544.354	190.862.868	3.213.346	134.960.532	3.058.349	128.450.658	8.176.130	343.397.460	5.809.410	243.995.220	3.376.693	141.821.106	8.462.431	355.422.098	4.168.084	175.059.528	6.052.000	254.184.000	6.401.255	268.852.710	4.854.700	203.897.400
13.7	SUMIDEROS DE DOS BOCAS	un	16	7.483.900	119.742.400	8.309.939	132.959.026	9.211.430	147.382.880	8.799.021	140.784.336	13.214.411	211.430.576	4.457.606	71.321.696	5.614.037	89.824.592	13.747.105	219.953.680	9.622.620	153.961.920	5.575.246	89.203.936	13.968.282	223.492.509	10.668.274	170.692.384	7.483.900	119.742.400	11.903.371	190.453.936	12.122.007	193.952.112
13.8	REGISTROS DE INSPECCIÓN 2,4 x 2,4	un	23	14.220.400	327.069.200	20.000.000	460.000.000	19.825.323	455.982.429	19.949.160	458.830.680	25.547.393	587.590.039	15.701.500	361.134.500	24.658.538	567.146.374	18.275.027	420.325.621	21.220.621	488.074.283	19.412.309	446.483.107	18.084.711	415.948.344	15.182.451	349.196.373	14.220.400	327.069.200	11.707.109	269.263.507	22.665.965	521.317.195
13.9	REGISTROS DE INSPECCIÓN 3,0 x 3,0	un	8	18.751.000	150.008.000	22.000.000	176.000.000	25.715.051	205.720.408	24.872.925	198.983.400	34.205.234	273.641.872	16.975.423	135.803.384	32.306.694	258.453.552	27.446.231	219.569.848	26.706.145	213.649.160	33.063.370	264.506.960	27.299.232	218.393.859	34.282.135	274.257.080	18.751.000	150.008.000	19.826.709	158.613.672	26.989.507	215.916.056
13.10	ESTRUCTURA DE SALIDA	m3	30	441.000	13.230.000	394.000	11.820.006	568.580	17.057.400	391.776	11.753.280	354.209	10.626.270	2.507.595	75.227.850	462.367	13.871.010	2.784.462	83.533.860	393.239	11.797.170	472.491	14.174.730	2.776.319	83.289.558	590.750	17.722.500	441.000	13.230.000	1.605.336	48.160.080	606.352	18.190.560
14	RETIRO DE MATERIAL EXCEDENTE	m3	17.009	19.100	324.871.900	19.000	323.171.000	21.871	372.003.839	24.833	422.384.497	31.921	542.944.289	32.748	557.010.732	48.349	822.368.141	47.733	811.890.597	22.237	378.229.133	20.760	353.106.840	47.147	801.925.024	19.888	338.274.992	19.100	324.871.900	44.898	763.670.082	26.021	442.591.189
15	**Readecuación del desagüe cloacal - cañerías y accesorios proveídos por Essap**																																
15.1	Remoción de pavimento asfáltico	m2	114	9.700	1.105.800	19.965	2.276.048	25.848	2.946.672	23.100	2.633.400	17.786	2.027.604	29.426	3.354.564	30.049	3.425.586	35.316	4.026.024	26.254	2.992.956	24.575	2.801.550	35.294	4.023.459	41.696	4.753.344	9.700	1.105.800	31.320	3.570.480	15.398	1.755.372
15.2	Remoción y reposición de empedrado	m2	80	69.100	5.528.000	35.520	2.841.577	52.733	4.218.640	45.247	3.619.760	42.075	3.366.000	55.795	4.463.600	57.706	4.616.480	48.681	3.894.480	44.991	1.892.996.325	39.417	3.153.360	49.353	3.948.208	50.422	4.033.760	69.100	5.528.000	83.730	6.698.400	54.318	4.345.440
15.3	Remoción de veredas con contrapiso	m2	720	130.000	93.600.000	70.000	50.400.000	100.407	72.293.040	89.265	64.270.800	110.935	79.873.200	100.706	72.508.320	22.448	16.162.560	26.025	18.738.000	95.939	69.076.080	119.017	85.692.240	25.863	18.621.504	23.034	16.584.480	130.000	93.600.000	27.179	19.568.880	141.875	102.150.000
15.4	Excavación	m3	2.046	13.200	27.007.200	22.331	45.689.431	23.859	48.815.514	23.100	47.262.600	18.746	38.354.316	28.928	59.186.688	24.156	49.423.176	26.004	53.204.184	22.485	421.503.810	31.939	65.347.194	25.737	52.657.288	28.969	59.270.574	13.200	27.007.200	24.174	49.460.004	15.411	31.530.906
15.5	Colocación de ramales domiciliarios PVC Ø 100 mm	un	240	33.200	7.968.000	37.000	8.880.000	53.020	12.724.800	31.763	7.623.120	29.239	7.017.360	93.986	22.556.640	87.230	20.935.200	127.215	30.531.600	28.245	6.778.800	171.127	41.070.480	124.648	29.915.424	19.394	4.654.560	33.200	7.968.000	54.504	13.080.960	184.063	44.175.120
15.6	Colocación de tuberías de PVC de Ø 150 mm	ml	2.450	81.500	199.675.000	56.000	137.200.000	19.883	48.713.350	48.510	118.849.500	29.239	71.635.550	103.613	253.851.850	13.286	32.550.700	147.861	362.259.450	42.227	103.456.150	161.006	394.464.700	144.585	354.233.495	28.093	68.827.850	81.500	19.675.000	111.012	271.979.400	63.281	155.038.450
15.7	Asiento de zanja para colectores	m3	171	90.200	15.424.200	80.923	13.837.765	67.998	11.627.658	80.850	13.825.350	90.459	15.468.489	123.242	21.074.382	103.090	17.628.390	102.767	17.573.157	72.170	12.341.070	170.782	29.203.722	104.194	17.817.208	53.912	9.218.952	90.200	15.424.200	363.370	62.136.270	83.037	14.199.327
15.8	Relleno y compactación de zanjas	m3	1.364	40.700	55.514.800	45.000	61.380.000	22.534	30.736.376	46.200	63.016.800	36.461	49.732.804	42.214	57.579.896	16.775	22.881.100	48.387	65.999.868	34.875	47.569.500	40.362	55.053.768	47.617	64.949.315	14.452	19.712.528	40.700	55.514.800	49.713	67.808.532	61.138	83.392.232
15.9	Registro con tapa triangular de HºFº de 130Kg	un	26	8.572.800	222.892.800	3.709.187	96.438.859	6.259.011	162.734.286	3.722.565	96.786.690	5.135.599	133.525.574	3.594.348	93.453.048	4.668.905	121.391.530	8.665.371	225.299.646	4.143.314	107.726.164	4.072.081	105.874.106	8.662.210	225.217.450	3.938.125	102.391.250	8.572.800	222.892.800	3.132.158	81.436.108	7.064.862	183.686.412
15.10	Prueba hidráulica en tuberías	ml	3.890	7.600	29.564.000	8.000	31.120.000	8.616	33.516.240	6.930	26.957.700	5.616	21.846.240	6.452	25.098.280	5.368	20.881.520	7.900	30.731.000	6.371	24.783.190	6.348	24.693.720	7.510	29.212.733	3.460	13.459.400	7.600	29.564.000	9.603	37.335.670	7.384	28.723.760
16	**Readecuación de agua corriente - cañerías y accesorios proveídos por Essap**																																
16.1	Remoción de pavimento asfáltico	m2	114	9.700	1.105.800	19.965	2.276.048	25.848	2.946.672	23.100	2.633.400	17.786	2.027.604	29.426	3.354.564	30.049	3.425.586	35.316	4.026.024	26.254	466.953.644	24.575	2.801.550	35.374	4.032.613	41.696	4.753.344	9.700	1.105.800	31.320	3.570.480	15.398	1.755.372
16.2	Remoción y reposición de empedrado	m2	80	69.100	5.528.000	35.520	2.841.577	52.733	4.218.640	45.247	3.619.760	42.075	3.366.000	55.795	4.463.600	57.706	4.616.480	48.681	3.894.480	44.991	1.892.996.325	39.417	3.153.360	49.353	3.948.208	50.422	4.033.760	69.100	5.528.000	83.730	6.698.400	54.318	4.345.440
16.3	Excavación	m3	1.364	13.200	18.004.800	22.331	30.459.620	23.859	32.543.676	23.100	31.508.400	18.746	25.569.544	28.928	39.457.792	24.156	32.948.784	26.004	35.469.456	22.485	421.503.810	31.939	43.564.796	25.737	35.104.859	28.969	39.513.716	13.200	18.004.800	24.174	32.973.336	15.411	21.020.604
16.4	Remoción de veredas con contrapiso	m2	1.945	130.000	252.850.000	70.000	136.150.000	100.407	195.291.615	89.265	173.620.425	110.935	215.768.575	100.706	195.873.170	22.448	43.661.360	26.025	50.618.625	95.939	10.642.992.965	119.017	231.488.065	26.782	52.090.407	23.034	44.801.130	130.000	252.850.000	27.179	52.863.155	141.875	275.946.875
16.5	Asiento y relleno de material arenoso	m3	171	106.900	18.279.900	80.923	13.837.765	67.998	11.627.658	80.850	13.825.350	93.732	16.028.172	71.651	12.252.321	103.090	17.628.390	103.563	17.709.273	72.170	12.341.070	73.282	12.531.222	103.101	17.630.237	53.912	9.218.952	106.900	18.279.900	98.704	16.878.384	73.268	12.528.828
16.6	En PEAD de diámetro 2"	ml	2.450	33.400	81.830.000	28.000	68.600.000	9.942	24.357.900	25.410	62.254.500	17.993	44.082.850	38.519	94.371.550	20.130	49.318.500	40.251	98.614.950	23.647	425.480.471	53.152	130.222.400	40.344	98.841.820	47.419	116.176.550	33.400	81.830.000	57.103	139.902.350	44.450	108.902.500
16.7	En PEAD de diámetro 3/4" (ramales)	un	240	26.100	6.264.000	20.000	4.800.000	39.765	9.543.600	20.790	4.989.600	13.451	3.228.240	18.405	4.417.200	20.130	4.831.200	18.637	4.472.880	16.891	227.200.841	23.839	5.721.360	21.725	5.106.024	39.276	9.426.240	26.100	6.264.000	42.169	10.120.560	48.346	11.603.040
16.8	Válvulas 2"	un	26	1.764.100	45.866.600	1.500.000	39.000.000	1.325.500	34.463.000	1.593.900	41.441.400	1.597.292	41.529.592	1.022.139	26.575.614	64.050	1.665.300	88.050	2.289.300	1.727.595	44.917.470	709.832	18.455.632	92.000	2.391.990	1.785.922	46.443.972	1.764.100	45.866.600	981.742	25.525.292	1.915.760	49.809.760
16.9	Prueba hidráulica en tuberías	ml	3.410	7.600	25.916.000	8.000	27.280.000	13.255	45.199.550	6.930	23.631.300	6.640	22.642.400	6.452	22.001.320	5.368	18.304.880	7.900	26.939.000	6.371	42.303.440	6.348	21.646.680	8.137	27.746.147	3.460	11.798.600	7.600	25.916.000	9.603	32.746.230	7.384	25.179.440
16.10	Interconexiones y derivaciones con tuberías existentes - Diámetro 50 mm a 50 mm	un	16	607.600	9.721.600	619.000	9.904.000	649.495	10.391.920	638.715	10.219.440	455.613	7.289.808	405.635	6.490.160	457.468	7.319.488	40.251	644.016	569.195	259.332.641.535	2.539.240	40.627.840	40.040	640.640	804.720	12.875.520	607.600	9.721.600	646.307	10.340.912	656.417	10.502.672
17	**Varios**																																
17.1	Señalización horizontal - pintura termoplástica de colores blanco y amarillo	m2	720	89.800	64.656.000	129.000	92.880.000	115.982	83.507.040	105.105	75.675.600	108.165	77.878.800	94.554	68.078.880	100.650	72.468.000	123.542	88.950.240	98.394	70.843.680	77.909	56.094.480	122.558	88.241.472	99.458	71.609.760	89.800	64.656.000	121.722	87.639.840	133.652	96.229.440
17.2	Cartel de obra	un	2	2.245.200	4.490.400	3.000.000	6.000.000	2.916.100	5.832.200	3.077.400	6.154.800	2.691.063	5.382.126	3.565.025	7.130.050	3.355.000	6.710.000	3.676.126	7.352.252	3.650.613	7.301.226	6.067.515	12.135.028	3.690.830	7.381.660	3.729.655	7.459.310	2.245.200	4.490.400	3.549.602	7.099.204	2.953.575	5.907.150
17.3	Remoción de pavimento de hormigón hidráulico	m2	2.000	54.300	108.600.000	99.000	198.000.000	51.695	103.390.000	80.850	161.700.000	79.046	158.092.000	22.644	45.288.000	30.049	60.098.000	53.143	106.286.000	91.582	183.164.000	103.222	206.444.000	53.405	106.810.000	52.342	104.684.000	54.300	108.600.000	179.946	359.892.000	68.003	136.006.000
	Total				**8.980.573.300**		**10.024.665.057**		**10.546.286.970**		**10.220.500.000**		**9.389.506.178**		**9.448.566.580**		**10.458.886.113**		**11.800.873.799**		**10.597.339.403**		**9.778.233.898**		**11.691.390.404**		**9.099.765.985**		**8.980.573.300**		**11.593.191.971**		**11.355.293.770**