MINISTERIO DE OBRAS PUBLICAS Y COMUNICACIONES

DIRECCIÓN DE CAMINOS VECINALES

TRAMO: CRUCE ALPA - LIMA - DEPARTAMENTO CAAZAPA

LOTE 5 (17+000- 30+932) L= 15,93 km

PLANILLA DE COMPUTO METRICO Y PRESUPUESTO

					Consorcio Los Olivos			Construcciones integrales Avanzadas S.A			CONSORCIO TECO-CONTRUMAQ (TECO SRL-CONSTRUMAQ SUR			EDIVI SA		
ITEM	**DESCRIPCION**	**UNIDAD DE MEDIDA**	**CANTIDAD**	**PRECIO UNITARIO 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	Movilización y	gl	1,00	979.727.308	764.187.300	764.187.300	-22,00%	783.781.847	783.781.847	-20,00%	500.000.000	500.000.000	-48,97%	720.060.000	720.060.000	-26,50%
2	Limpieza y mantenimiento de camino existente, de	gl	1,00	262.563.054	204.799.182	204.799.182	-22,00%	210.050.100	210.050.100	-20,00%	100.000.000	100.000.000	-61,91%	196.816.400	196.816.400	-25,04%
3	Cartel de Obra	un	2,00	9.821.475	7.660.750	15.321.500	-22,00%	7.857.190	15.714.380	-20,00%	6.500.000	13.000.000	-33,82%	7.380.615	14.761.230	-24,85%
4	Desbosque, Desbroce y	Ha	15,93	8.304.605	6.477.591	103.200.980	-22,00%	6.640.600	105.798.039	-20,04%	4.500.000	71.694.000	-45,81%	5.435.362	86.596.187	-34,55%
5	Excavación no Clasificada	m3	6.519,59	30.867	24.076	156.965.655	-22,00%	24.700	161.033.879	-19,98%	23.150	150.928.514	-25,00%	22.562	147.094.995	-26,91%
6	Excavación de Bolsones	m3	5.215,67	38.577	30.090	156.939.576	-22,00%	30.400	158.556.435	-21,20%	40.000	208.626.888	3,69%	28.203	147.097.603	-26,89%
7	Excavación de Zanjas de	m3	2.050,00	34.745	27.101	55.557.050	-22,00%	28.000	57.400.000	-19,41%	45.000	92.250.000	29,52%	26.043	53.388.150	-25,04%
8	Terraplenes (ultima capa	m3	130.391,81	45.020	35.115	4.578.708.233	-22,00%	36.000	4.694.104.980	-20,04%	37.000	4.824.496.785	-17,81%	35.595	4.641.296.299	-20,93%
9	Remoción de Obras de	gl	1,00	45.055.075	35.142.958	35.142.958	-22,00%	36.100.000	36.100.000	-19,88%	15.000.000	15.000.000	-66,71%	33.782.815	33.782.815	-25,02%
10	Traslado de Alambrados	m	3.450,00	17.652	13.768	47.499.600	-22,00%	15.500	53.475.000	-12,19%	5.500	18.975.000	-68,84%	11.986	41.351.700	-32,10%
11	Traslado de Columnas	un	5,00	2.352.026	1.834.580	9.172.900	-22,00%	1.881.600	9.408.000	-20,00%	8.500.000	42.500.000	261,39%	1.764.147	8.820.735	-24,99%
12	Sub Base Macadam	m3	25.331,88	171.967	134.134	3.397.866.392	-22,00%	137.600	3.485.666.688	-19,98%	150.000	3.799.782.000	-12,77%	146.556	3.712.539.005	-14,78%
13	Base Granular Estabilizada	m3	24.614,94	274.859	214.390	5.277.196.987	-22,00%	219.900	5.412.825.306	-20,00%	270.000	6.646.033.800	-1,77%	206.230	5.076.339.076	-24,97%
14	Imprimación Asfáltica	m2	159.320,00	11.177	8.718	1.388.951.760	-22,00%	9.000	1.433.880.000	-19,48%	8.383	1.335.579.560	-25,00%	12.893	2.054.112.760	15,35%
15	Tratamiento Superficial	m2	47.796,00	19.121	14.914	712.829.544	-22,00%	15.300	731.278.800	-19,98%	8.514	406.935.144	-55,47%	13.903	664.507.788	-27,29%
16	Tratamiento Superficial	m2	120.613,00	34.437	26.860	3.239.665.180	-22,00%	27.582	3.326.747.766	-19,90%	17.219	2.076.835.247	-50,00%	30.699	3.702.698.487	-10,85%
17	Relleno Granular	m3	64,12	275.570	214.944	13.781.564	-22,00%	220.500	14.137.798	-19,98%	350.000	22.440.950	27,01%	165.814	10.628.673	-39,90%
18	ACHºAº 1 1,00 x 1,00	m	97,00	3.130.747	2.441.982	236.872.254	-22,00%	2.505.096	242.994.312	-19,98%	2.348.060	227.761.820	-25,00%	3.458.106	335.436.282	10,46%
19	ACHºAº 2 1,50 x 1,50	m	64,00	6.232.030	4.860.983	311.102.912	-22,00%	4.988.116	319.239.424	-19,96%	4.674.023	299.137.472	-25,00%	6.766.221	433.038.144	8,57%
20	ACHºAº 2 2,50 x 2,50	m	57,00	12.915.431	10.074.036	574.220.052	-22,00%	10.332.341	588.943.437	-20,00%	9.686.573	552.134.661	-25,00%	13.229.600	754.087.200	2,43%
21	ACH"A"3 2,50x2,50	m	32,00	18.934.499	14.768.909	472.605.088	-22,00%	15.147.574	484.722.368	-20,00%	14.200.874	454.427.968	-25,00%	17.745.628	567.860.096	-6,28%
22	Cuneta revestida de	m3	1.646,40	896.344	699.148	1.151.077.267	-22,00%	717.100	1.180.633.440	-20,00%	950.000	1.564.080.000	5,99%	709.045	1.167.171.688	-20,90%
23	Disipadores de Energia	un	9,00	1.620.928	1.264.323	11.378.907	-22,00%	1.298.277	11.684.493	-19,91%	1.100.000	9.900.000	-32,14%	1.229.357	11.064.213	-24,16%
24	Señalización Vertical	m2	32,80	127.405	99.375	3.259.500	-22,00%	1.239.000	40.639.200	872,49%	1.200.000	39.360.000	841,88%	1.200.100	39.363.280	841,95%
25	Pórticos de Señalización	un	1,00	67.701.050	52.806.819	52.806.819	-22,00%	54.160.840	54.160.840	-20,00%	50.775.788	50.775.788	-25,00%	46.803.900	46.803.900	-30,87%
26	Señalización Horizontal	m²	5.576,20	41.483	32.356	180.423.527	-22,00%	33.200	185.129.840	-19,97%	40.000	223.048.000	-3,58%	33.603	187.377.049	-19,00%
27	Barandas Metálicas de	m	600,00	435.411	339.620	203.772.000	-22,00%	348.597	209.158.200	-19,94%	400.000	240.000.000	-8,13%	288.024	172.814.400	-33,85%
28	Tacha Reflectiva	un	2.524,00	61.298	47.812	120.677.488	-22,00%	27.464	69.319.136	-55,20%	30.000	75.720.000	-51,06%	40.204	101.474.896	-34,41%
29	Postes de Kilometraje	un	16,00	530.525	413.809	6.620.944	-22,00%	424.200	6.787.200	-20,04%	397.894	6.366.304	-25,00%	408.034	6.528.544	-23,09%
30	Protección Vegetal de	m2	63.756,00	9.535	7.437	474.153.372	-22,00%	7.700	490.921.200	-19,24%	7.151	455.919.156	-25,00%	5.761	367.298.316	-39,58%
31	Alambrado	m	12.594,00	33.176	25.877	325.894.938	-22,00%	26.662	335.781.228	-19,63%	65.000	818.610.000	95,92%	25.862	325.706.028	-22,05%
32	Servicios Especializados	mes	18,00	19.800.000	15.444.000	277.992.000	-22,00%	18.546.365	333.834.570	-6,33%	9.500.000	171.000.000	-52,02%	14.293.413	257.281.434	-27,81%
				TOTAL GS. IVA INCLUIDO		**24.560.643.429**			**25.243.907.907**			**25.513.319.057**			**26.085.387.373**	
				Total según acta	**24.560.631.222**			25.243.895.374			25.513.311.199			**26.085.377.111**		
				Total según oferta fisica	**24.560.631.222**			25.243.895.374			25.513.311.199			26.085.377.111		
				Diferencia	**12.207**			**12.533**			**7.858**			10.262		

Llc. Rocio Diarte
DPP-DCV

Ing. Pablo Portillo
DPP - DCV

(47)

MINISTERIO DE OBRAS PUBLICAS Y COMUNICACIONES

DIRECCIÓN DE CAMINOS VECINALES

TRAMO: CRUCE ALPA - LIMA - DEPARTAMENTO CAAZAPA

LOTE 5 (17+000- 30+932) L= 15,93 km

PLANILLA DE COMPUTO METRICO Y PRESUPUESTO

					CALDETEC SRL			TECNOLOGIA DE SUR SAE			SACEEM			CONSTRUCTORA FELDMANN SA			CONSORCIO BH Y ASOCIADOS (CONSTRUCTORA PETRICEVIC		
ITEM	**DESCRIPCION**	**UNIDAD DE MEDIDA**	**CANTIDAD**	**PRECIO UNITARIO 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**	**PRECIO UNITARIO CON IVA (Gs)**	**PRECIO TOTAL CON IVA(Gs)**	**DIFERENCIA CON EL REFERENCIAL**
1	Movilización y	gl	1,00	979.727.308	620.770.944	620.770.944	-36,64%	365.166.803	365.166.803	-62,73%	838.577.547	838.577.547	-14,41%	878.568.762	878.568.762	-10,33%	860.692.047	860.692.047	-12,15%
2	Limpieza y mantenimiento de camino existente, de	gl	1,00	262.563.054	276.181.193	276.181.193	5,19%	195.489.668	195.489.668	-25,55%	183.737.089	183.737.089	-30,02%	227.614.181	227.614.181	-13,31%	270.384.030	270.384.030	2,98%
3	Cartel de Obra	un	2,00	9.821.475	3.855.368	7.710.736	-60,75%	11.526.373	23.052.746	17,36%	3.664.837	7.329.674	-62,69%	8.820.541	17.641.082	-10,19%	9.437.484	18.874.968	-3,91%
4	Desbosque, Desbroce y	Ha	15,93	8.304.605	2.484.382	39.581.174	-70,08%	7.074.806	112.715.809	-14,81%	6.833.625	108.873.314	-17,71%	6.939.323	110.557.294	-16,44%	6.926.068	110.346.115	-16,60%
5	Excavación no Clasificada	m3	6.519,59	30.867	13.000	84.754.673	-57,88%	13.000	84.754.673	-57,88%	19.532	127.340.637	-36,72%	19.356	126.193.189	-37,29%	18.026	117.522.134	-41,60%
6	Excavación de Bolsones	m3	5.215,67	38.577	25.099	130.908.157	-34,94%	17.926	93.496.140	-53,53%	27.456	143.201.496	-28,83%	21.944	114.452.711	-43,12%	30.043	156.694.440	-22,12%
7	Excavación de Zanjas de	m3	2.050,00	34.745	14.634	29.999.700	-57,88%	28.311	58.037.550	-18,52%	24.372	49.962.600	-29,85%	22.586	46.301.300	-34,99%	30.043	61.588.150	-13,53%
8	Terraplenes (ultima capa	m3	130.391,81	45.020	33.178	4.326.139.306	-26,30%	34.541	4.503.863.337	-23,28%	39.235	5.115.922.469	-12,85%	36.409	4.747.435.228	-19,13%	42.805	5.581.421.213	-4,92%
9	Remoción de Obras de	gl	1,00	45.055.075	62.335.944	62.335.944	38,35%	20.560.297	20.560.297	-54,37%	11.844.373	11.844.373	-73,71%	36.940.080	36.940.080	-18,01%	36.334.619	36.334.619	-19,36%
10	Traslado de Alambrados	m	3.450,00	17.652	9.612	33.161.400	-45,55%	17.955	62.082.750	1,94%	17.776	61.327.200	0,70%	15.785	54.458.250	-10,58%	22.547	77.787.150	27,73%
11	Traslado de Columnas	un	5,00	2.352.026	2.043.272	10.216.360	-13,13%	2.076.360	10.381.800	-11,72%	3.345.630	16.728.150	42,24%	2.298.014	11.490.070	-2,30%	2.579.578	12.897.890	9,67%
12	Sub Base Macadam	m3	25.331,88	171.967	178.330	4.517.434.160	3,70%	176.593	4.473.432.685	2,69%	163.637	4.145.232.848	-4,84%	213.576	5.410.291.603	24,20%	141.384	3.581.522.522	-17,78%
13	Base Granular Estabilizada	m3	24.614,94	274.859	234.441	5.770.751.149	-14,71%	253.035	6.228.441.343	-7,94%	254.224	6.257.708.507	-7,51%	242.995	5.981.307.345	-11,59%	228.988	5.636.525.881	-16,69%
14	Imprimación Asfáltica	m2	159.320,00	11.177	11.891	1.894.474.120	6,39%	12.733	2.028.621.560	13,92%	12.845	2.046.465.400	14,92%	10.755	1.713.486.600	-3,78%	8.188	1.304.512.160	-26,74%
15	Tratamiento Superficial	m2	47.796,00	19.121	15.646	747.816.216	-18,18%	18.069	863.625.924	-5,50%	13.708	655.187.568	-28,31%	16.826	804.215.496	-12,00%	19.170	916.249.320	0,25%
16	Tratamiento Superficial	m2	120.613,00	34.437	30.264	3.650.231.832	-12,12%	29.972	3.615.012.836	-12,96%	27.416	3.306.726.008	-20,39%	31.180	3.760.713.340	-9,46%	40.493	4.883.982.209	17,59%
17	Relleno Granular	m3	64,12	275.570	186.434	11.953.589	-32,35%	214.085	13.726.488	-22,31%	144.839	9.286.642	-47,44%	240.016	15.389.106	-12,90%	197.418	12.657.850	-28,36%
18	ACHºAº 1,00 x 1,00	m	97,00	3.130.747	5.229.457	507.257.329	67,04%	2.878.453	279.209.941	-8,06%	3.517.138	341.162.386	12,34%	3.279.972	318.157.284	4,77%	2.567.246	249.022.862	-18,00%
19	ACHºAº 2 1,50 x 1,50	m	64,00	6.232.030	9.084.407	581.402.048	45,77%	7.048.357	451.094.848	13,10%	8.270.229	529.294.656	32,71%	6.198.850	396.726.400	-0,53%	6.704.748	429.103.872	7,59%
20	ACHºAº 2 2,50 x 2,50	m	57,00	12.915.431	17.197.336	980.248.152	33,15%	16.949.287	966.109.359	31,23%	16.909.017	963.813.969	30,92%	12.115.640	690.591.480	-6,19%	13.620.992	776.396.544	5,46%
21	ACHºAº3 2,50x2,50	m	32,00	18.934.499	21.404.318	684.938.176	13,04%	25.024.926	800.797.632	32,17%	21.162.857	677.211.424	11,77%	17.931.477	573.807.264	-5,30%	17.249.767	551.992.544	-8,90%
22	Cuneta revestida de	m3	1.646,40	896.344	1.073.061	1.766.687.630	19,72%	1.114.867	1.835.517.029	24,38%	949.218	1.562.792.515	5,90%	951.075	1.565.849.880	6,11%	971.146	1.598.894.774	8,35%
23	Disipadores de Energía	un	9,00	1.620.928	1.019.528	9.175.752	-37,10%	2.410.250	21.692.250	48,70%	1.710.208	15.391.872	5,51%	1.364.468	12.280.212	-15,82%	1.199.238	10.793.142	-26,02%
24	Señalización Vertical	m2	32,80	127.405	1.088.329	35.697.191	754,23%	1.494.469	49.018.583	1073,00%	1.325.395	43.472.956	940,30%	1.544.227	50.650.646	1112,06%	1.775.631	58.240.697	1293,69%
25	Pórticos de Señalización	un	1,00	67.701.050	49.733.967	49.733.967	-26,54%	62.474.526	62.474.526	-7,72%	54.871.371	54.871.371	-18,95%	60.638.713	60.638.713	-10,43%	68.303.474	68.303.474	0,89%
26	Señalización Horizontal	m²	5.576,20	41.483	38.481	214.577.752	-7,24%	48.448	270.155.738	16,79%	54.871	305.971.670	32,27%	40.731	227.124.202	-1,81%	47.307	263.793.293	14,04%
27	Barandas Metálicas de	m	600,00	435.411	417.671	250.602.600	-4,07%	328.544	197.126.400	-24,54%	392.317	235.390.200	-9,90%	446.836	268.101.600	2,62%	505.472	303.283.200	16,09%
28	Tacha Reflectiva	un	2.524,00	61.298	25.013	63.132.812	-59,19%	26.281	66.333.244	-57,13%	45.726	115.412.424	-25,40%	51.553	130.119.772	-15,90%	22.681	57.246.844	-63,00%
29	Postes de Kilometraje	un	16,00	530.525	347.917	5.566.672	-34,42%	1.245.816	19.933.056	134,83%	530.158	8.482.528	-0,07%	562.445	8.999.120	6,02%	1.062.786	17.004.576	100,35%
30	Protección Vegetal de	m2	63.756,00	9.535	9.304	593.185.824	-2,42%	7.766	495.129.096	-18,55%	7.852	500.612.112	-17,65%	6.919	441.127.764	-27,43%	8.831	563.029.236	-7,38%
31	Alambrado	m	12.594,00	33.176	22.992	289.561.248	-30,70%	20.764	261.501.816	-37,41%	39.563	498.256.422	19,25%	26.824	337.821.456	-19,15%	36.413	458.585.322	9,76%
32	Servicios Especializados	mes	18,00	19.800.000	32.858.253	591.448.554	65,95%	17.175.343	309.156.174	-13,26%	21.685.873	390.345.714	9,52%	21.785.159	391.772.862	9,93%	28.027.229	504.490.122	41,55%
				TOTAL GS. IVA INCLUIDO		**28.837.636.360**			**28.837.712.101**			**29.327.933.741**				**29.530.814.292**			**29.550.173.200**	
				Total según acta	**28.837.632.057**				**28.837.698.723**		**29.327.880.639**					**29.530.801.261**		**29.550.160.083**	
				Total según oferta fisica	**28.837.632.057**				**28.837.698.723**		**29.327.880.639**					**29.530.801.261**		**29.550.160.083**	
				Diferencia	**4.303**				**13.378**		**53.102**					**13.031**		13.117	

Lic. Rocio Diarte
DPP-DCV

Ing. Pablo Portillo
DPP - DCV

(48)