OBRA: AMPLIACIÓN DE LA RUTA N° 3 – GRAL. ELIZARDO AQUINO
TRAMO: MARIANO ROQUE ALONSO - LIMPIO

ANEXO 2 : LISTA DE CANTIDADES Y SUS PRECIOS
CONVENIO MODIFICATORIO N° 5

Ítem N°	Descripción	Un.	Cantidades						Precio Unitario	Precio Total						Indencia Var /M. Contrato
			Oferta	CMO Nº 01	CMO Nº 02	CMO Nº 03	CMO Nº 05	Var. CM5-CM3		Oferta	CMO Nº 01	CMO Nº 02	CMO Nº 03	CMO Nº 05	Var. CM 05 - CM 03	
128.1	Excavación estructural en suelo	m3		168.50	168.50	168.50	168.50		50,384		8,489,704	8,489,704	8,489,704	8,489,704		(*)
129	Pilotes diámetro 0,60 m	m	187.92						866,477	162,828,358						
129.1	Pilotes diámetro 0,80 m	m		300.00	300.00	300.00	300.00		1,466,286		439,885,800	439,885,800	439,885,800	439,885,800		(*)
130	Pilotes diámetro 1,00m	m	706.88	148.00	148.00	148.00	148.00		1,810,822	1,280,033,855	268,001,656	268,001,656	268,001,656	268,001,656		
130.1	Pilotes diámetro 0,40 m	m		324.00	324.00	324.00	324.00		779,730		252,632,520	252,632,520	252,632,520	252,632,520		(*)
131	Cabezales de pilotes	m3	495.21	305.30	305.30	305.30	305.30		1,424,612	705,482,109	434,934,044	434,934,044	434,934,044	434,934,044		
132	Estribos	m3	184.78	160.07	160.07	160.07	160.07		1,676,088	309,707,541	268,291,406	268,291,406	268,291,406	268,291,406		
133	Losa de aproximación	m3	38.25	36.00	36.00	36.00	36.00		1,350,730	51,665,423	48,626,280	48,626,280	48,626,280	48,626,280		
134	Pilas	m3	77.73	51.64	51.64	51.64	51.64		1,400,152	108,833,815	72,303,849	72,303,849	72,303,849	72,303,849		
135	Vigas longitudinales	m3	168.66	185.13	185.13	185.13	185.13		1,863,346	314,271,936	344,961,245	344,961,245	344,961,245	344,961,245		
136	Vigas transversales Principales	m3	6.66	17.48	17.48	17.48	17.48		1,503,064	10,010,406	26,273,559	26,273,559	26,273,559	26,273,559		
137	Viga transversales secundarias	m3	17.48	6.66	6.66	6.66	6.66		1,503,064	26,273,559	10,010,406	10,010,406	10,010,406	10,010,406		
138	Ménsula	m3	3.17	2.11	2.11	2.11	2.11		1,397,346	4,429,587	2,948,400	2,948,400	2,948,400	2,948,400		
139	Tablero	m3	198.00	198.00	198.00	198.00	198.00		1,374,480	272,147,040	272,147,040	272,147,040	272,147,040	272,147,040		
140	Veredas Prefabricadas	m	211.20	212.00	212.00	211.20	211.20		490,380	103,568,256	103,960,560	103,960,560	103,568,256	103,568,256		
141	Aparatos de apoyo (Neoprene)	un	48.00	48.00	48.00	48.00	48.00		2,397,085	115,060,080	115,060,080	115,060,080	115,060,080	115,060,080		
142	Barandas Metálicas	m	211.20	212.00	212.00	214.00	214.00		1,927,726	407,135,731	408,677,912	408,677,912	412,533,364	412,533,364		
143	Protección taludes	m2	202.64	145.60	145.60	87.36	87.36		268,747	54,458,892	39,129,563	39,129,563	23,477,738	23,477,738		
144	Drenaje	m	104.57	34.00	34.00	18.00	18.00		19,900	2,080,943	676,600	676,600	358,200	358,200		
145	Acero pasivo	kg	191,600.00	107,508.00	101,154.96	101,154.96	101,154.96		8,401	1,609,631,600	903,174,708	849,802,819	849,802,819	849,802,819		
	PUENTE SOBRE ALIVIADERO ARROYO ITAY															
109.1 A	Excavación estructural en suelo	m3		291.14	291.14	291.14	291.14		50,384		14,668,798	14,668,798	14,668,798	14,668,798		(*)
110 A	Pilotes diámetro 0,60 m	m		377.20	377.20	377.20	377.20		921,062		347,424,586	347,424,586	347,424,586	347,424,586		(*)
110.1 A	Pilotes diámetro 0,80 m	m		262.60	260.00	260.00	260.00		1,466,286		385,046,704	381,234,360	381,234,360	381,234,360		(*)
112 A	Muros de H Ciclopeo	m3		169.09	169.09	169.09	169.09		1,329,335		224,777,255	224,777,255	224,777,255	224,777,255		(*)
113 A	Estribos	m3		370.89	337.81	337.81	337.81		1,684,112		624,620,300	568,909,875	568,909,875	568,909,875		(*)
114 A	Losa de aproximación	m3		69.08	60.30	60.30	60.30		1,358,755		93,862,795	81,932,927	81,932,927	81,932,927		(*)
116 A	Vigas longitudinales	m3		65.62	65.62	65.62	65.62		1,863,346		122,272,765	122,272,765	122,272,765	122,272,765		(*)
117 A	Vigas transversales Principales	m3		11.19	10.38	10.38	10.38		1,478,271		16,541,852	15,344,453	15,344,453	15,344,453		(*)
120 A	Tablero	m3		84.83	89.06	89.06	89.06		1,382,204		117,252,365	123,099,088	123,099,088	123,099,088		(*)
121 A	Veredas Prefabricadas	m		76.80	78.60	77.20	77.20		407,285		31,279,488	32,012,601	31,442,402	31,442,402		(*)
123 A	Barandas Metálicas	m		76.80	78.60	77.20	77.20		1,927,726		148,049,357	151,519,264	148,820,447	148,820,447		(*)
126 A	Drenaje	m		100.00	100.00	4.80	4.80		19,900		1,990,000	1,990,000	95,520	95,520		(*)
127 A	Acero pasivo	kg		44,506.00	42,582.03	42,582.03	42,582.03		8,402		373,939,412	357,774,216	357,774,216	357,774,216		(*)
	PASO A DESNIVEL RETORNO PROGRESIVA 2+600															
79 A	Excavación estructural en suelo	m3		1,773.33	414.85	394.11	394.11		48,771		86,487,077	20,232,649	19,221,139	19,221,139		(*)
80 A	Zapatas de estribos y Pilas	m3		270.38					1,454,886		393,372,077					(*)
080.1 A	Pilotes preperforados Ø1,00 m (fck 240 kg/cm2)	m		192.00	240.00	240.00	240.00		1,716,833		329,631,936	412,039,920	412,039,920	412,039,920		(*)
080.2 A	Cabezales de Pilotes (fck 300 kg/cm2)	m3		164.70	183.00	183.00	183.00		1,410,587		232,323,679	258,137,421	258,137,421	258,137,421		(*)
81 A	Hormigón de limpieza y regularización (Zapatas y pilas)	m3		105.10	19.45	19.45	19.45		1,085,497		114,085,735	21,112,917	21,112,917	21,112,917		(*)
82 A	Estribos	m3		472.90	250.73	250.73	250.73		1,597,244		755,336,688	400,476,988	400,476,988	400,476,988		(*)
82.1 A	Muro de Contención Sistema Terramesh	m2			2,545.00	2,545.00	2,545.00		1,291,105			3,285,862,225	3,285,862,225	3,285,862,225		(***)
82.2 A	Gaviones Refuerzo	m3			115.00	97.00	97.00		586,122			67,404,030	56,853,834	56,853,834		(***)
84 A	Losa de Aproximación	m3		51.30	51.92	51.30	51.30		1,290,991		66,227,838	67,028,253	66,227,838	66,227,838		(*)
85 A	Hormigón de limpieza y regularización (losa de aproximación)	m3		17.10	17.32	17.10	17.10		1,085,497		18,561,999	18,800,808	18,561,999	18,561,999		(*)
86.2 A	Viga Prefabricada (fck 350 Kg/cm2)	m3		119.86	119.90	119.86	119.86		2,926,898		350,817,994	350,935,070	350,817,994	350,817,994		(*)
86.3 A	Tablero (fck 300 kg/cm2)	m3		97.50	113.90	103.84	103.84		1,608,947		156,872,333	183,259,063	167,073,056	167,073,056		(*)
86.4 A	Vigas Transversales centrales y extremas (fck 350 kg/cm2)	m3		6.37	5.95	5.95	5.95		1,523,899		9,707,237	9,067,199	9,067,199	9,067,199		(*)
087.1 A	Acero pretensado	kg		5,390.35	5,390.35	4,650.00	4,650.00		54,371		293,078,720	293,078,720	252,825,150	252,825,150		(*)
89 A	Separadores Tipo New Jersey	m		400.00	641.00	671.00	671.00		201,856		80,742,400	129,389,696	135,445,376	135,445,376		(*)
89.1 A	Cenefas	m		100.00	98.40	98.40	98.40		110,641		11,064,100	10,887,074	10,887,074	10,887,074		(*)
89.2 A	Base de New Jersey	m3				107.47	107.47		1,454,886				156,356,598	156,356,598		(***)

091.1 A	Apoyos de neopreno para viaductos	un		20.00	20.00	20.00	20.00	2,721,282		54,425,640	54,425,640	54,425,640	54,425,640			(*)
93 A	Drenaje	m		50.00				1,464,867		73,243,350						(*)
93 A1	Desague Terramesh	ml				100.80	100.80	248,131				25,011,605	25,011,605			(***)
93 A2	Registro para Desagüe Terramesh	un				4.00	4.00	2,410,898				9,643,592	9,643,592			(***)
94 A	Acero pasivo	kg		124,118.26	76,096.43	87,727.56	87,727.56	8,404		1,043,089,838	639,514,398	737,262,414	737,262,414			(*)
	PASO A DESNIVEL RETORNO PROGRESIVA 4+000															(*)
79 B	Excavación estructural en suelo	m3		1,773.33	376.40	376.40	376.40	48,771		86,487,077	18,357,404	18,357,404	18,357,404			(*)
80 B	Zapatas de estribos y Pilas	m3		270.38				1,454,886		393,372,077						(*)
080.1 B	Pilotes preperforados Ø1,00 m (fck 240 kg/cm2)	m		192.00	240.00	240.00	240.00	1,716,833		329,631,936	412,039,920	412,039,920	412,039,920			(*)
080.2 B	Cabezales de Pilotes (fck 300 kg/cm2)	m3		164.70	183.00	183.00	183.00	1,410,587		232,323,679	258,137,421	258,137,421	258,137,421			(*)
81 B	Hormigón de limpieza y regularización (Zapatas y pilas)	m3		105.10	19.45	19.45	19.45	1,085,497		114,085,735	21,112,917	21,112,917	21,112,917			(*)
82 B	Estribos	m3		472.90	243.65	243.65	243.65	1,597,244		755,336,688	389,168,501	389,168,501	389,168,501			(*)
82.1 B	Muro de Contención Sistema Terramesh	m2			3,109.00	3,109.00	3,109.00	1,291,105			4,014,045,445	4,014,045,445	4,014,045,445			(**)
82.2 B	Gaviones Refuerzo	m3			66.00	66.00	66.00	586,122			38,684,052	38,684,052	38,684,052			(**)
84 B	Losa de Aproximación	m3		51.30	51.30	51.00	51.00	1,290,991		66,227,838	66,227,838	65,840,541	65,840,541			(*)
85 B	Hormigón de limpieza y regularización (losa de aproximación)	m3		17.10	17.10			1,085,497		18,561,999	18,561,999					(*)
86.2 B	Viga Prefabricada (fck 350 Kg/cm2)	m3		119.86	133.12	133.12	133.12	2,926,898		350,817,994	389,628,662	389,628,662	389,628,662			(*)
86.3 B	Tablero (fck 300 kg/cm2)	m3		97.50	90.69	90.69	90.69	1,608,947		156,872,333	145,915,403	145,915,403	145,915,403			(*)
86.4 B	Vigas Transversales centrales y extremas (fck 350 kg/cm2)	m3		6.37	6.09	6.09	6.09	1,523,899		9,707,237	9,280,545	9,280,545	9,280,545			(*)
087.1 B	Acero pretensado	kg		5,390.35	5,429.79	5,761.35	5,761.35	54,371		293,078,720	295,223,112	313,250,361	313,250,361			(*)
89 B	Separadores Tipo New Jersey	m		400.00	600.00	768.00	723.20	-44,80	201,856	80,742,400	121,113,600	155,025,408	145,982,259	-9,043,149	0.00%	(*)
89.1 B	Cenefas	m		100.00	99.20	99.20	99.20		110,641	11,064,100	10,975,587	10,975,587	10,975,587			(*)
89.2 B	Base de New Jersey	m3				98.50	98.50		1,454,886			143,306,271	143,306,271			(***)
091.1 B	Apoyos de neopreno para viaductos	un		20.00	20.00	20.00	20.00		2,721,282	54,425,640	54,425,640	54,425,640	54,425,640			(*)
93 B	Drenaje	m		50.00					1,464,867	73,243,350						(*)
93 B1	Desague Terramesh	ml				76.00	76.00		637,507			48,450,532	48,450,532			(***)
93 B2	Registro para Desagüe Terramesh	un				4.00	4.00		2,410,898			9,643,592	9,643,592			(***)
94 B	Acero pasivo	kg		124,118.26	75,105.03	80,040.50	80,040.50		8,404	1,043,089,838	631,182,672	672,660,362	672,660,362			(*)
	ITEM 6 - MOVILIZACIÓN															
146	Movilización	Gl	1.00	1.00	1.00	1.00	1.00	4,871,970,858	4,871,970,858	4,871,970,858	4,871,970,858	4,871,970,858	4,871,970,858			
	ITEM 8 - ESTUDIO DE PROYECTO															
146.1	Ingenieria	Gl		1.00	1.00	1.00	1.00	2,864,465,410		2,864,465,410	2,864,465,410	2,864,465,410	2,864,465,410			(*)
	ITEM 7 - INDEMNIZACIÓN															
147	Indemnización	Gl	1.00	0.20	0.20	0.20	0.20	15,000,000,000	15,000,000,000	3,000,000,000	3,000,000,000	3,000,000,000	3,000,000,000			
PRECIO TOTAL (IVA Inc.)									182,999,373,356	210,953,650,835	219,566,004,318	219,566,004,318	219,566,004,318	-	0.000%	

(*) Nuevos Items CMN°01

(**) Nuevos Items CMN°02

(***) Nuevos Items CMN°03

(#) Nuevos Items CMN°05

Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

OBRA: AMPLIACIÓN DE LA RUTA N° 3 – GRAL. ELIZARDO AQUINO
TRAMO: MARIANO ROQUE ALONSO - LIMPIO

ANEXO 2 : LISTA DE CANTIDADES Y SUS PRECIOS
CONVENIO MODIFICATORIO N° 5

Ítem N°	Descripción	Un.	Cantidades						Precio Unitario	Precio Total						Incidencia Var /M. Contrato	
			Oferta	CMO Nº 01	CMO Nº 02	CMO Nº 03	CMO Nº 05	Var. CM5-CM3		Oferta	CMO Nº 01	CMO Nº 02	CMO Nº 03	CMO Nº 05	Var. CM 05 - CM 03		
-	SEÑALIZACIÓN																
055	Señalización horizontal	m2	4,625.86	4,625.86	6,299.12	8,401.71	7,530.00	-871.71	38,717	179,099,422	179,099,422	243,883,029	325,289,006	291,539,010	-33,749,996	-0.02%	
056	Señalización vertical	m2	699.28	699.28		163.94	177.62	13.68	1,186,332	829,578,241	829,578,241		194,487,268	210,716,290	16,229,022	0.01%	
057	Tachas reflectantes	un	1,131.00	1,131.00		3,226.00	4,444.00	1,218.00	48,507	54,861,417	54,861,417		156,483,582	215,565,108	59,081,526	0.03%	
058	Pórticos de Señalización																
059	Pórticos de Señalización Simples	un	4.00	4.00					46,588,970	186,355,880	186,355,880						
060	Pórticos de Señalización Dobles	un	11.00	11.00					73,766,553	811,432,083	811,432,083						
-	ILUMINACIÓN																
061	Luminarias Tipo Simple	un	60.00	60.00					4,984,084	299,045,040	299,045,040						
062	Luminarias Tipo Doble	un	52.00	52.00					6,273,436	326,218,672	326,218,672						
063	Empastado	m2	149,000.00	149,000.00	149,000.00	114,260.35	114,839.55	579.20	10,485	1,562,265,000	1,562,265,000	1,562,265,000	1,198,019,770	1,204,092,682	6,072,912	0.00%	
064	Refugio para dársenas	un	26.00	26.00					25,299,182	657,778,732	657,778,732						
065	Baranda de defensa metálica	m	20,658.40	5,000.00	5,000.00	4,200.60	4,207.60	7.00	198,030	4,090,982,952	990,150,000	990,150,000	831,844,818	833,231,028	1,386,210	0.00%	
066	Remoción de Estructuras de puentes existentes	m	70.00	70.00	70.00	91.20	91.20		10,029,925	702,094,750	702,094,750	702,094,750	914,729,160	914,729,160			
067	Instalaciones y servicios especiales	mes	26.00	26.00	26.00	26.00	26.00		49,797,526	1,294,735,676	1,294,735,676	1,294,735,676	1,294,735,676	1,294,735,676			
67.1	Instalaciones y servicios especiales adicionales	mes		5.00	5.00	17.00	17.00		49,351,141		246,755,705	246,755,705	838,969,397	838,969,397			(*)
068	Traslado de estructuras de H° del servicio público	un	220.00						1,278,057	281,172,540							
68.1	Adecuacion del Sistema de Energía Electrica	gl		1.00	1.00	1.00	1.00		3,013,201,475		3,013,201,475	3,013,201,475	3,013,201,475	3,013,201,475			(*)
069	Reposición y adecuación de la red de agua corriente	m	11,640.00	11,640.00	12,610.88	12,760.88	13,720.68	959.80	186,574	2,171,721,360	2,171,721,360	2,352,862,325	2,380,848,425	2,559,922,150	179,073,725	0.10%	
69.1	Reposición y adecuación de aductora de HF 500	m		240.50	247.00	247.00	247.00		3,094,766		744,291,223	764,407,202	764,407,202	764,407,202			(*)
148	Vereda y Revestimientos con Hormigón	m3				252.74	228.96	-23.78	1,264,579				319,609,696	289,538,008	-30,071,687	-0.02%	(***)
149	Cruce Semafórico	Gl					1.00	1.00	200,000,000					200,000,000	200,000,000	0.11%	(#)
070	Paso a desnivel para peatones																
071	Excavación	m3	1,584.00	792.00					51,148	81,018,432	40,509,216						
072	Zapatas	m3	216.00	108.00					1,303,899	281,642,184	140,821,092						
073	Pilares	m3	168.00	84.00					1,334,514	224,198,352	112,099,176						
074	Losas	m3	1,088.00	544.00					1,666,666	1,813,332,608	906,666,304						
075	Baranda metálica	m	3,216.00	1,608.00					516,544	1,661,205,504	830,602,752						
076	Acero pretensado	kg	2,256.00	1,128.00					54,371	122,660,976	61,330,488						
077	Acero pasivo	kg	153,032.00	76,516.00					8,987	1,375,298,584	687,649,292						
-	ITEM 5 - PUENTES DE HORMIGÓN ARMADO Y ESTRUCTURAS DE PASO A DESNIVEL																
078	PASO A DESNIVEL RUTA TRANSCHACO																
079	Excavación estructural en suelo	m3	2,749.24	3,406.03	3,312.85	3,309.70	3,309.70		48,771	134,083,184	166,115,489	161,571,007	161,417,379	161,417,379			
080	Zapatas de estribos y Pilas	m3	1,039.40	404.14	466.09	465.84	465.84		1,454,886	1,512,208,508	587,977,628	678,107,816	677,744,094	677,744,094			
080.1	Pilotes preperforados Ø1,00 m (fck 240 kg/cm2)	m		768.00	768.00	768.00	768.00		1,716,833		1,318,527,744	1,318,527,744	1,318,527,744	1,318,527,744			(*)
080.2	Cabezales de Pilotes (fck 300 kg/cm2)	m3		578.00	578.20	574.65	574.65		1,410,587		815,319,286	815,601,403	810,593,820	810,593,820			(*)
081	Hormigón de limpieza y regularización (zapatas y pilas)	m3	81.90	187.12	199.43	199.22	199.22		1,085,497	88,902,204	203,118,199	216,480,667	216,252,712	216,252,712			
082	Estribos	m3	245.43	159.53	159.43	159.43	159.43		1,597,244	392,011,595	254,808,335	254,648,611	254,648,611	254,648,611			
082.1	Muros de H A	m3		367.97	419.28	419.98	419.98		1,597,244		587,737,875	669,692,464	670,810,535	670,810,535			(*)
083	Pilas	m3	135.24	216.00	217.28	217.28	217.28		1,608,947	217,593,992	347,532,552	349,592,004	349,592,004	349,592,004			
084	Losa de Aproximación	m3	52.26	51.30	51.92	51.46	51.46		1,290,991	67,467,190	66,227,838	67,028,253	66,434,397	66,434,397			
085	Hormigón de limpieza y regularización (losa de aproximación)	m3	70.76	17.10	17.32	17.16	17.16		1,085,497	76,809,768	18,561,999	18,800,808	18,627,129	18,627,129			
086	Tablero de hormigón pretensado	m3	2,689.68						2,331,872	6,271,989,481							
86.1	Viga Dintel (fck 300 kg/cm2)	m3		461.51	461.51	461.51	461.51		2,116,941		976,989,441	976,989,441	976,989,441	976,989,441			(*)
86.2	Viga Prefabricada (fck 350 Kg/cm2)	m3		945.32	946.25	945.24	945.24		2,926,898		2,766,855,217	2,769,577,233	2,766,621,066	2,766,621,066			(*)
86.3	Tablero (fck 300 kg/cm2)	m3		944.59	994.35	994.33	994.33		1,608,947		1,519,795,247	1,599,856,449	1,599,824,271	1,599,824,271			(*)
86.4	Vigas Transversales centrales y extremas (fck 350 kg/cm2)	m3		70.02	70.02	69.18	69.18		1,523,899		106,703,408	106,703,408	105,423,333	105,423,333			(*)
087	Acero pretensado	kg	87,230.00						31,413	2,740,155,990							
087.1	Acero pretensado (vigas y dinteles)	kg		45,476.76	45,327.35	40,395.48	40,395.48		54,371		2,472,616,918	2,464,493,347	2,196,342,643	2,196,342,643			(*)
088	Barandas Metálicas	m	460.00						1,927,726	886,753,960							
089	Separadores Tipo New Jersey	m	920.00	1,902.96	1,768.70	1,771.45	1,771.45		201,856	185,707,520	384,123,894	357,022,707	357,577,811	357,577,811			
89.1	Cenefas	m		968.80	969.00	972.96	972.96		110,641		107,189,001	107,211,129	107,649,267	107,649,267			(*)

89.2	Base de New Jersey	m3				47.06	47.06	1,454,886				68,466,935	68,466,935		
090	Veredas Prefabricadas	m	460.00					739,614	340,222,440						(***)
091	Neoprenos antideslizantes	un	26.00					13,142,102	341,694,652						
091.1	Apoyos de neopreno para viaductos	un		168.00	168.00	168.00	168.00	2,721,282		457,175,376	457,175,376	457,175,376	457,175,376		
092	Muro de hormigón sistema de tierra armada	m2	1,034.79					1,432,647	1,482,488,789						(*)
093	Drenaje	m	276.36	276.36	276.36	276.36	276.36	1,464,867	404,830,644	404,830,644	404,830,644	404,830,644	404,830,644		
93.1	Desague Pluvial en Viaducto	m				250.60	250.60	219,837				55,091,152	55,091,152		
094	Acero pasivo	kg	420,700.00	475,118.80	503,812.24	510,917.57	510,917.57	8,404	3,535,562,800	3,992,898,395	4,234,038,065	4,293,751,249	4,293,751,249		(***)
.	PASO A DESNIVEL "CIRCUNVALACIÓN"														
095	Excavación estructural en suelo	m3	546.00	1,447.05	911.13	911.13	911.13	50,384	27,509,664	72,908,167	45,906,374	45,906,374	45,906,374		
096	Pilotes preperforados Ø1,00 m	m	380.00	560.00	560.00	560.00	560.00	1,724,866	655,449,080	965,924,960	965,924,960	965,924,960	965,924,960		
097	Cabezales de pilotes	m3	390.00	326.11	326.11	326.11	326.11	1,391,457	542,668,230	453,768,042	453,768,042	453,768,042	453,768,042		
098	Estribos	m3	155.13	62.76	62.76	62.41	62.41	1,580,952	245,253,084	99,220,548	99,220,548	98,667,214	98,667,214		
098.1	Zapatas para Muros H A	m3		203.17	183.84	183.84	183.84	1,454,886		295,589,189	267,466,242	267,466,242	267,466,242		(*)
098.2	Muros H A	m3		170.49	153.24	139.40	139.40	1,580,952		269,536,506	242,265,084	220,384,709	220,384,709		(*)
099	Pilas	m3	117.07	155.63	155.63	155.63	155.63	1,609,269	188,397,122	250,450,534	250,450,534	250,450,534	250,450,534		
100	Losa de Aproximación	m3	27.30	25.65	25.65	25.65	25.65	1,274,699	34,799,283	32,696,029	32,696,029	32,696,029	32,696,029		
101	Hormigón de limpieza y regularización	m3	34.59	97.75	104.33	96.37	96.37	1,070,601	37,032,089	104,651,248	111,695,802	103,173,818	103,173,818		
102	Tablero de hormigón pretensado	m3	1,215.95					2,646,009	3,217,414,644						
102.1	Viga Dintel (fck 300 kg/cm2)	m3		304.64	304.64	304.64	304.64	2,116,941		644,904,906	644,904,906	644,904,906	644,904,906		(*)
102.2	Viga Prefabricada (fck 350 Kg/cm2)	m3		562.43	562.43	562.43	562.43	2,926,898		1,646,175,242	1,646,175,242	1,646,175,242	1,646,175,242		(*)
102.3	Tablero (fck 300 kg/cm2)	m3		525.98	502.24	502.24	502.24	1,608,947		846,273,943	808,077,541	808,077,541	808,077,541		(*)
102.4	Vigas Transversales centrales y extremas (fck 350 kg/cm2)	m3		37.28	37.40	37.40	37.40	1,523,899		56,810,955	56,993,823	56,993,823	56,993,823		(*)
103	Acero pretensado	kg	38,000.00					32,551	1,236,938,000						
103.1	Acero pretensado (vigas y dinteles)	kg		27,295.00	27,175.35	23,067.80	23,067.80	54,371		1,484,056,445	1,477,550,955	1,254,219,354	1,254,219,354		(*)
104	Pretil de H° prefabric. y baranda met.	m	388.20					249,646	96,912,577						
104.1	Separadores Tipo New Jersey	m		763.32	809.32	833.32	833.32	201,856		154,080,722	163,366,098	168,210,642	168,210,642		(*)
104.2	Cenefas	m		523.32	523.32	523.32	523.32	110,641		57,900,648	57,900,648	57,900,648	57,900,648		(*)
105	Neoprenos antideslizantes	un	16.00					13,142,102	210,273,632						
105.1	Apoyos de neopreno para viaductos	un		92.00	92.00	92.00	92.00	2,721,282		250,357,944	250,357,944	250,357,944	250,357,944		(*)
106	Muro de hormigón sistema de tierra armada	m2	2,009.46					1,470,433	2,954,776,296						
107	Drenajes	m	31.20	240.00	240.00	164.80	164.80	1,464,867	45,703,850	351,568,080	351,568,080	241,410,082	241,410,082		
107.1	Desague Pluvial en Viaducto	ml				516.00	516.00	203,670				105,093,720	105,093,720		
108	Acero pasivo	kg	265,800.00	234,947.61	239,291.27	229,069.25	229,069.25	8,399	2,232,454,200	1,973,324,976	2,009,807,377	1,923,952,631	1,923,952,631		(***)
.	PUENTE SOBRE A° ITAY. L= 60 m														
109	Excavación para cabezales	m3	990.82	1,363.42	1,363.42	1,363.42	1,363.42	222,682	220,637,779	303,609,092	303,609,092	303,609,092	303,609,092		
109.1	Excavación estructural en suelo	m3		127.63	127.63	127.63	127.63	50,384		6,430,510	6,430,510	6,430,510	6,430,510		
110	Pilotes diámetro 0,60 m	m	153.76					921,062	141,622,493						(*)
110.1	Pilotes diámetro 0,80 m	m		520.80	520.80	520.80	520.80	1,466,286		763,641,749	763,641,749	763,641,749	763,641,749		(*)
111	Pilotes diámetro 1,00m	m	593.44	238.00	238.00	238.00	238.00	1,898,708	1,126,769,276	451,892,504	451,892,504	451,892,504	451,892,504		
111.1	Pilotes diámetro 0,40 m	m		252.00	252.00	252.00	252.00	779,730		196,491,960	196,491,960	196,491,960	196,491,960		(*)
112	Cabezales de pilotes	m3	706.50	471.37	471.37	479.17	479.17	1,432,638	1,012,158,747	675,302,574	675,302,574	686,480,016	686,480,016		
113	Estribos	m3	248.25	239.74	239.74	238.41	238.41	1,684,112	418,080,804	403,749,011	403,749,011	401,509,142	401,509,142		
114	Losa de aproximación	m3	63.00	63.00	63.00	55.31	55.31	1,358,755	85,601,565	85,601,565	85,601,565	75,152,739	75,152,739		
115	Pilas	m3	93.17	77.30	77.30	77.30	77.30	1,406,884	131,079,382	108,752,133	108,752,133	108,752,133	108,752,133		
116	Vigas longitudinales	m3	425.94	425.11	425.11	425.11	425.11	2,560,043	1,090,424,715	1,088,299,880	1,088,299,880	1,088,299,880	1,088,299,880		
117	Vigas transversales Principales	m3	31.48	31.48	31.48	31.48	31.48	1,478,271	46,535,971	46,535,971	46,535,971	46,535,971	46,535,971		
118	Viga transversales secundarias	m3	12.92	12.92	12.92	12.92	12.92	1,478,271	19,099,261	19,099,261	19,099,261	19,099,261	19,099,261		
119	Ménsula	m3	4.23	3.70	3.70	3.70	3.70	1,407,792	5,954,960	5,208,830	5,208,830	5,208,830	5,208,830		
120	Tablero	m3	408.62	422.40	422.40	422.40	422.40	1,382,204	564,796,198	583,842,970	583,842,970	583,842,970	583,842,970		
121	Veredas Prefabricadas	m	271.00	272.00	272.00	271.70	271.70	407,285	110,374,235	110,781,520	110,781,520	110,659,335	110,659,335		
122	Aparatos de apoyo (Neoprene)	un	78.00	78.00	78.00	78.00	78.00	2,397,090	186,973,020	186,973,020	186,973,020	186,973,020	186,973,020		
123	Barandas Metálicas	m	271.00	272.00	272.00	274.80	274.80	1,927,726	522,413,746	524,341,472	524,341,472	529,739,105	529,739,105		
124	Acero pretensado	kg	13,430.00	14,156.00	14,156.00	12,059.78	12,059.78	54,371	730,202,530	769,675,876	769,675,876	655,702,298	655,702,298		
125	Protección taludes	m2	286.24	238.00	238.00	144.64	144.64	268,747	76,926,141	63,961,786	63,961,786	38,871,566	38,871,566		
126	Drenaje	m	143.42	44.00	44.00	25.20	25.20	19,900	2,854,058	875,600	875,600	501,480	501,480		
127	Acero pasivo	kg	254,900.00	203,232.00	191,834.89	191,834.89	191,834.89	8,402	2,141,669,800	1,707,555,264	1,611,796,746	1,611,796,746	1,611,796,746		
.	PUENTE SOBRE A° PASO DAMIAN L= 45 m														
128	Excavación para cabezales	m3	973.64	870.36	870.36	870.36	870.36	222,993	217,114,906	194,084,187	194,084,187	194,084,187	194,084,187		

Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

OBRA: AMPLIACIÓN DE LA RUTA N° 3 – GRAL. ELIZARDO AQUINO
TRAMO: MARIANO ROQUE ALONSO - LIMPIO

ANEXO 2 : LISTA DE CANTIDADES Y SUS PRECIOS

CONVENIO MODIFICATORIO N° 5

Item N°	Descripción	Un.	Cantidades						Precio Unitario	Precio Total						Incidencia Var /M. Contrato
			Oferta	CMO Nº 01	CMO Nº 02	CMO Nº 03	CMO Nº 05	Var. CM5-CM3		Oferta	CMO Nº 01	CMO Nº 02	CMO Nº 03	CMO Nº 05	Var. CM 05 - CM 03	
	ITEM 1 - MOVIMIENTO DE SUELOS															
001	Desbroce, despeje y limpieza	Há	22.62	22.62	30.93	30.93	41.21	10.28	34,316,031	776,228,621	776,228,621	1,061,394,839	1,061,394,839	1,414,163,638	352,768,799	0.19%
002	Remoción de Pavimento Existente	m2	72,164.00	14,000.00	14,000.00	2,561.15	2,561.15		12,272	885,596,608	171,808,000	171,808,000	31,430,433	31,430,433		
003	Excavación no clasificada	m3	19,666.20	29,499.30	164,257.93	176,260.12	194,609.89	18,349.77	28,639	563,220,302	844,830,453	4,704,182,857	5,047,913,577	5,573,432,640	525,519,063	0.29%
004	Excavación de zanjas de drenajes (Incluye Canal A° Itay)	m3	55,560.00	15,000.00	10,448.22	8,739.93	17,455.89	8,715.96	23,999	1,333,384,440	359,985,000	250,746,832	209,749,580	418,923,904	209,174,324	0.11%
005	Excavación de Bolsones	m3	12,000.00	18,000.00	9,710.28	9,473.48	12,388.92	2,915.44	31,049	372,588,000	558,882,000	301,494,484	294,142,081	384,663,577	90,521,496	0.05%
006	Excavación Estructural	m3	54,091.40	107,106.57	95,528.56	91,219.75	93,429.55	1,709.80	50,508	2,732,048,431	5,409,738,638	4,824,956,508	4,632,581,133	4,718,939,711	86,358,578	0.05%
007	Terraplén	m3	163,945.60	163,945.60	336,122.91	308,548.17	338,024.99	29,476.82	66,509	10,903,857,910	10,903,857,910	22,355,198,621	20,521,230,239	22,481,704,273	1,960,474,034	1.07%
008	Subrasante mejorada	m3	42,000.00	42,000.00	59,859.39	57,612.72	54,841.98	-2,770.74	70,724	2,970,408,000	2,970,408,000	4,233,495,498	4,074,602,009	3,878,644,194	-195,957,815	-0.11%
	Estructuras para muros de contencion															
008.1	Hormigón de Regularización para Muros	m3		196.30	196.19	175.43	175.43		1,685,497		213,083,061	212,963,656	190,428,739	190,428,739		(*)
008.2	Zapatas Muros de H A	m3		521.05	577.71	527.61	527.61		1,454,886		758,068,350	840,502,191	767,612,402	767,612,402		(*)
008.3	Muros de H A	m3		436.96	431.11	412.09	412.09		1,597,244		697,931,738	688,587,861	658,208,280	658,208,280		(*)
008.4	Acero pasivo	kg		100,591.05	91,631.70	77,435.56	77,435.56		8,404		845,367,184	770,072,807	650,768,446	650,768,446		(*)
008.5	Dren Profundo Calzada	ml		1,000.00	3,738.10	3,541.77	3,541.77		280,180		280,179,616	1,047,340,858	992,333,119	992,333,119		(*)
008.6	Dren con Caño de 150 mm	ml				1,164.00	1,164.00		285,975				332,874,900	332,874,900		(***)
	ITEM 2 - OBRAS DE DRENAJE															
	Alcantarillas tubulares de H° A°															
009	Alcantarilla Tubular Simple de 0,80 m.	m	68.74	759.08	903.90	837.90	837.90		774,563	53,243,461	587,955,282	700,127,496	649,006,338	649,006,338		
009.1	Alcantarilla Tubular Simple de 0,60 m	m		600.00	208.00	158.00	158.00		637,507		382,504,200	132,601,456	100,726,106	100,726,106		(*)
009.2	Alcantarilla Tubular Simple de 0,40 m	m			19.50	66.00	66.00		553,128			10,785,996	36,506,448	36,506,448		(**)
010	Alcantarilla Tubular Doble de 0,80 m.	m	54.00		46.00	46.00	46.00		1,402,065	75,711,510		64,494,990	64,494,990	64,494,990		
011	Alcantarilla Tubular Simple de 1,00 m.	m	164.00	221.02	485.25	448.75	471.75	23.00	1,053,882	172,836,648	232,929,000	511,396,241	472,929,548	497,168,834	24,239,286	0.01%
11.1	Alcantarilla Tubular Doble de 1,00 m.	m		213.25	27.50	27.50	27.50		1,907,671		406,810,756	52,460,953	52,460,953	52,460,953		(*)
012	Cabeceras para alcantarillas tubulares	m3	41.70	41.70			8.56	8.56	1,535,454	64,028,432	64,028,432			13,143,486	13,143,486	0.01%
013	Plateas de H° simple para alcantarillas tubulares	m3	199.25	199.25	518.32	477.72	490.88	13.16	1,030,980	205,422,765	205,422,765	534,377,554	492,519,766	506,087,462	13,567,696	0.01%
	Alcantarillas celulares hormigón armado															
014	Alcantarilla celular simple 1,00 m x 1,00 m	m	523.00	1,554.72	1,244.12	1,285.62	1,275.17	-10.45	1,728,099	903,795,777	2,686,710,077	2,149,962,528	2,221,678,636	2,203,620,002	-18,058,634	-0.01%
015	Alcantarilla celular simple 1,50 m x 1.50 m	m	1,429.44	2,700.36	3,115.62	3,175.66	3,190.66	15.00	2,429,777	3,473,220,435	6,561,272,620	7,570,261,817	7,716,145,628	7,752,592,283	36,446,655	0.02%
016	Alcantarilla celular simple 2,00 m x 2,00 m	m	513.00						3,843,744	1,971,840,672						
017	Alcantarilla celular doble 1,00 m x 1,00 m	m	115.00	921.65	1,072.40	1,076.90	1,050.86	-26.04	3,019,601	347,254,115	2,783,015,262	3,238,220,112	3,251,808,317	3,173,177,907	-78,630,410	-0.04%
018	Alcantarilla celular doble 1,50 m x 1,50 m	m	376.00	1,630.19	1,613.60	1,578.10	1,440.10	-138.00	4,259,179	1,601,451,304	6,943,271,014	6,872,611,234	6,721,410,380	6,133,643,678	-587,766,702	-0.32%
019	Alcantarilla celular doble 2,00 m x 2,00 m	m	712.00	40.45	68.49	68.49	95.49	27.00	6,784,066	4,830,254,992	274,415,470	464,640,680	464,640,680	647,810,462	183,169,782	0.10%
020	Alcantarilla celular triple 1,00 m x 1,00 m	m	30.00						4,545,562	136,366,860						
021	Alcantarilla celular triple 1,50 m x 1,50 m	m	63.00	92.62	92.62	92.62		-92.62	5,969,821	376,098,723	552,924,821	552,924,821	552,924,821		-552,924,821	-0.30%
021.1	Alcantarilla celular triple 2,00 m x 2,00 m	m		476.93	447.50	437.00	437.00		10,176,099		4,853,286,896	4,553,804,303	4,446,955,263	4,446,955,263		(*)
021.2	Alcantarilla celular cuádruple 2,00 m x 2,00 m	m		319.28	319.28	316.80	316.80		13,568,132		4,332,033,185	4,332,033,185	4,298,384,218	4,298,384,218		(*)
022	Cabeceras de Alcantarillas Celulares	m3	125.89	320.35	274.34	192.46	182.73	-9.74	2,176,690	274,029,504	697,302,642	597,153,135	418,925,757	397,724,797	-21,200,960	-0.01%
023	Plateas de H° simple para alcantarilla celular	m3	1,507.74	2,427.05	2,476.89	2,514.18	2,471.56	-92.62	1,000,161	1,507,982,746	2,427,440,755	2,477,288,779	2,514,584,783	2,421,949,871	-92,634,912	-0.05%
024	Descargas de Galerías con Gaviones	m3	45.00	2,368.30	2,683.91	2,459.91	2,459.91		586,122	26,375,490	1,388,112,733	1,573,098,697	1,441,807,369	1,441,807,369		
025	Mamp. P. Bruta Revestimiento de Canal	m3	450.00	450.00	60.08	65.83	65.83		573,744	258,184,800	258,184,800	34,470,540	37,769,568	37,769,568		
	Sumideros y Registros															
026	Sumidero de Cordón SC2a	un	10.00		5.00	5.00		-5.00	11,907,017	119,070,170		59,535,085	59,535,085		-59,535,085	-0.03%
027	Sumidero de Cordón SC2aa	un	20.00						14,436,520	288,730,400						
028	Sumidero de Cordón SC2b	un	28.00						14,374,218	402,478,104						
029	Sumidero de Cordón SC2bb	un	7.00						16,252,466	113,767,262						
030	Sumidero de Cordón SC2c	un	8.00						17,404,012	139,232,096						
031	Sumidero de Cordón Sca	un	25.00	150.00	92.00	72.00	72.00		6,294,022	157,350,550	944,103,300	579,050,024	453,169,584	453,169,584		
032	Sumidero de Cordón Scaa	un	12.00						5,771,434	69,257,208						
033	Sumidero de Cordón SCPaa	un	7.00						15,830,308	110,812,156						
034	Sumidero de Cordón SCPaaa	un	2.00						23,641,984	47,283,968						
035	Sumidero de Cordón SCb	un	2.00						5,761,890	11,523,780						

036	Sumidero de Cordón SCPb	un	2.00					11,314,852	22,629,704								
037	Sumidero de Cordón SCPbb	un	10.00					22,351,215	223,512,150								
038	Sumidero de Cordón SCPbbb	un	4.00					33,387,797	133,551,188								
038.1	Sumidero SM 1	un		10.00	9.00	12.00	12.00	9,441,033		94,410,330	84,969,297	113,292,396	113,292,396			(*)	
38.2	Sumidero Doble	un			7.00	7.00	7.00	12,588,044			88,116,308	88,116,308	88,116,308			(**)	
38.3	Sumidero Urbano	un			12.00	22.00	22.00	3,116,892			37,402,704	68,571,624	68,571,624			(**)	
039	Registros Tipo G2	un	4.00	4.00				10,846,449	43,385,796	43,385,796							
040	Registros Tipo G3	un	12.00	12.00				16,619,958	199,439,496	199,439,496							
041	Registros Tipo G4	un	2.00	2.00				35,742,460	71,484,920	71,484,920							
041.1	Registro G Ø60 - Ø60	un			1.00	3.00	3.00	2,410,898			2,410,898	7,232,694	7,232,694			(**)	
041.2	Registro G Te Ø60 - Ø60	un			1.00	1.00	1.00	2,410,898			2,410,898	2,410,898	2,410,898			(**)	
041.3	Registro G Ø80 - Ø80	un			8.00	6.00	6.00	3,752,018			30,016,144	22,512,108	22,512,108			(**)	
041.4	Registro G Te Ø80 - Ø80	un			3.00	2.00	2.00	3,752,018			11,256,054	7,504,036	7,504,036			(**)	
041.5	Registro G 1x1 - 1x1 (RG5)	un			11.00	8.00	2.00	-6.00	6,003,777		66,041,547	48,030,216	12,007,554	-36,022,662	-0.02%	(**)	
041.6	Registro G 1x1 -1,5x1,5 (RG6)	un			1.00	1.00		-1.00	8,479,058		8,479,058	8,479,058		-8,479,058	0.00%	(**)	
041.7	Registro G 1,5x1,5 -1,5x1,5 (RG8)	un			33.00	19.00	4.00	-15.00	7,576,697		250,031,001	143,957,243	30,306,788	-113,650,455	-0.06%	(**)	
041.8	Registro G 1,5x1,5 - D 1,5 X1,5 (RG12)	un			1.00	1.00	1.00		12,019,781		12,019,781	12,019,781	12,019,781			(**)	
041.9	Registro G 1,5X1,5 - D 1X1 (RG12)	un			1.00	1.00	1.00		12,019,781		12,019,781	12,019,781	12,019,781			(**)	
041.10	Registro G D 1X1 - D 1X1 (RG10)	un			7.00	4.00	1.00	-3.00	7,498,051		52,486,357	29,992,204	7,498,051	-22,494,153	-0.01%	(**)	
041.11	Registro G D 1,5X1,5 (RG12.1)	un			1.00				10,172,015		10,172,015					(**)	
041.12	Registro G T 2X2 (RG14)	un			3.00	1.00	1.00		18,876,890		56,630,670	18,876,890	18,876,890			(**)	
041.13	Registro G C 2X2 (RG15)	un			2.00	2.00	2.00		23,744,663		47,489,326	47,489,326	47,489,326			(**)	
041.14	Registro G5.1 Te 1x1 - 1x1	un			9.00	9.00	19.00	10.00	4,509,504		40,585,536	40,585,536	85,680,576	45,095,040	0.02%	(**)	
041.15	Registro G Te 1,5x1,5 - 1x1	un			2.00		14.00	14.00	6,082,420		12,164,840		85,153,880	85,153,880	0.05%	(**)	
041.16	Registro G Te 1,5x1,5 - 1,5x1,5	un			19.00	15.00	14.00	-1.00	5,689,191		108,094,629	85,337,865	79,648,674	-5,689,191	0.00%	(**)	
041.17	Registro G Te D 1X1 - 1X1	un			1.00	1.00	13.00	12.00	6,864,743		6,864,743	6,864,743	89,241,659	82,376,916	0.05%	(**)	
041.18	Registro G Te D 1,5X1,5 - 1X1	un			1.00	1.00	5.00	4.00	8,594,954		8,594,954	8,594,954	42,974,770	34,379,816	0.02%	(**)	
041.19	Registro G Te D 1,5X1,5 - 1,5X1,5	un			5.00	5.00	1.00	-4.00	8,284,511		41,422,555	41,422,555	8,284,511	-33,138,044	-0.02%	(**)	
041.20	Registro G Te D 1,5X1,5 - D1,5X1,5	un			4.00	4.00	3.00	-1.00	16,790,700		67,162,800	67,162,800	50,372,100	-16,790,700	-0.01%	(**)	
041.21	Registro G Te D1X1 - D1X1	un			12.00	11.00	3.00	-8.00	7,222,786		86,673,432	79,450,646	21,668,358	-57,782,288	-0.03%	(**)	
041.22	Sumidero Tipo Reja 1	m			174.05	182.85	182.85		3,447,023		599,954,353	630,288,156	630,288,156			(**)	
41.23	Sumidero Tipo Reja IV	un			1.00	1.00	1.00		61,000,295		61,000,295	61,000,295	61,000,295			(**)	
41.24	Sumidero Tipo Reja VII	un			1.00	1.00	1.00		105,000,854		105,000,854	105,000,854	105,000,854			(**)	
042	Relleno Granular Alcantarillas, Sumideros y Registros	m3	5,329.49	11,041.00	6,670.05	9,431.69	8,999.69	-432.00	250,736	1,336,295,005	2,768,376,176	1,672,421,657	2,364,864,224	2,256,546,272	-108,317,952	-0.06%	
043	Cuneta revestida de hormigón	m3	3,247.00	1,500.00	600.00	491.22	291.23	-199.99	1,127,832	3,662,070,504	1,691,748,000	676,699,200	554,013,635	328,458,513	-225,555,122	-0.12%	
044	Losas de H° A°	m3	68.00	68.00	18.92	14.55	14.55		1,775,805	120,754,740	120,754,740	33,598,231	25,837,963	25,837,963			
	Estructura para canal (Ferusa)																
044.1	Hormigón de limpieza y regularización	m3		225.40	225.45	225.45	225.45		1,000,161		225,436,289	225,486,297	225,486,297	225,486,297			(*)
044.2	Canal de H A	m3		1,021.65	982.22	982.22	982.22		1,545,664		1,579,127,626	1,518,182,094	1,518,182,094	1,518,182,094			(*)
044.3	Acero Pasivo	kg		104,858.38	99,025.89	99,025.89	99,025.89		8,404		881,229,826	832,213,580	832,213,580	832,213,580			(*)
044.4	Dren Longitudinal Canal de H A	m		490.00	490.00	490.00	490.00		336,062		164,670,380	164,670,380	164,670,380	164,670,380			(*)
044.5	Relleno Granular Canal de H A	m3		333.38	338.30	338.10	338.10		250,736		83,590,368	84,823,989	84,773,842	84,773,842			(*)
045	Muro de Protección Mampostería de P.B.	m3	792.00	100.00	72.23	72.23	72.23		647,851	513,097,992	64,785,100	46,794,278	46,794,278	46,794,278			
	ITEM 3 - PAQUETE ESTRUCTURAL																
046	Sub-base granular estabilizada	m3	64,170.00	43,460.00	44,596.44	42,724.37	39,329.47	-3,394.90	218,126	13,997,145,420	9,479,755,960	9,727,643,071	9,319,295,931	8,578,779,973	-740,515,958	-0.40%	
46.1	Pedraplén	m3				10,652.66	10,652.66		246,150				2,622,152,259	2,622,152,259			(***)
047	Base Granular	m3	54,376.00	10,889.35	6,303.34	5,866.47	5,810.84	-55.63	266,838	14,509,583,088	2,905,693,443	1,681,970,639	1,565,397,122	1,550,552,924	-14,844,198	-0.01%	
047.1	Base Granular Estabilizada con Cemento	m3		37,480.00	33,619.88	33,341.61	32,161.73	-1,180.08	356,375		13,356,935,000	11,981,284,735	11,882,116,264	11,461,297,973	-420,818,291	-0.23%	(*)
048	Riego de imprimación	m2	244,816.80						8,070	1,975,671,576							
048.1	Riego de imprimación con emulsión	m2		224,444.00	220,744.99	213,585.11	202,601.96	-10,983.15	7,381		1,656,621,164	1,629,318,771	1,576,471,697	1,495,405,067	-81,066,630	-0.04%	(*)
049	Riego de liga	m2	244,816.80	380,785.00					3,621	886,481,633	1,378,822,485						
49.1	Riego de liga	lt			106,276.15	84,726.23	86,857.86	2,131.63	9,054			962,224,262	767,111,286	786,411,034	19,299,748	0.01%	(**)
050	Carpeta de Concreto Asfáltico	m3	10,822.11	14,723.48	13,931.12	13,508.86	13,085.36	-423.50	1,176,407	12,731,205,959	17,320,804,936	16,388,667,086	15,891,917,466	15,393,709,102	-498,208,364	-0.27%	
050.1	Carpeta de Concreto Asfáltico con Polimero	m3		7,281.51	6,270.66	6,332.41	6,318.75	-13.66	1,534,231		11,171,523,892	9,620,640,962	9,715,379,727	9,694,422,131	-20,957,596	-0.01%	(*)
051	Pavimento tipo empedrado	m2	87,840.00	5,040.00	3,260.15	2,073.44	1,717.62	-355.82	49,908	4,383,918,720	251,536,320	162,707,566	103,481,244	85,717,988	-17,763,256	-0.01%	
052	Cordón Sencillo de Hormigón	m	34,986.00	31,551.58	17,547.88	18,175.72	18,758.79	583.07	63,067	2,206,462,062	1,989,863,464	1,106,692,148	1,146,288,133	1,183,060,609	36,772,476	0.02%	
053	Cordón Cuneta de Hormigón	m	25,124.00	24,717.30	18,616.44	17,811.65	16,661.98	-1,149.67	153,199	3,848,971,676	3,786,665,643	2,852,019,992	2,728,726,968	2,552,598,674	-176,128,294	-0.10%	
	ITEM 4 - OBRAS COMPLEMENTARIAS																
054	Construcción de alambrado	m	5,360.00	5,360.00	5,360.00	5,360.00	5,861.00	501.00	34,914	187,139,040	187,139,040	187,139,040	187,139,040	204,630,954	17,491,914	0.01%	

Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal