LLAMADO MOPC Nº 162/2016 LPN - CONTRATACIÓN DE EMPRESAS CONSTRUCTORAS PARA LA PAVIMENTACION ASFALTICA EN EL TRAMO ATYRA-CANDIA-CAACUPE-AD REFERENDUM AL PGN 2017

ANEXO A

BENITO ROGGIO E HIJOS S.A.		CONSTRUCTORA HEISECKE S.A.		CONSTRUCTORA ASUNCIÓN S.A. Y ASOCIADOS (EDB CONSTRUCCIONES - CONSTRUCTORA ASUNCIÓN S.A.)		TR CONSTRUCCIONES		ING. CARLOS V. GUEYRAUD		ECOMIPA S.A.		14 DE JULIO S.A.	
Precio Unitario (IVA Incluido)	Precio Total (IVA Incluido)	Precio Unitario (IVA Incluido)	Precio Total (IVA Incluido)	Precio Unitario (IVA Incluido)	Precio Total (IVA Incluido)	Precio Unitario (IVA Incluido)	Precio Total (IVA Incluido)	Precio Unitario (IVA Incluido)	Precio Total (IVA Incluido)	Precio Unitario (IVA Incluido)	Precio Total (IVA Incluido)	Precio Unitario (IVA Incluido)	Precio Total (IVA Incluido)
23,680,543	335,790,100	4,812,644	68,243,292	6,319,486	89,610,311	5,646,960	80,073,893	5,208,600	73,857,948	6,508,640	92,292,515	7,308,413	103,633,296
1,454,971	23,279,536	4,686,514	74,984,224	3,556,808	56,908,928	3,590,400	57,446,400	2,866,000	45,856,000	2,502,738	40,043,808	4,307,450	68,919,200
33,733	306,970,300	30,078	273,709,800	11,395	103,694,500	20,093	182,846,300	27,600	251,160,000	21,695	197,424,500	24,726	225,006,600
34,945	137,159,125	32,548	127,750,900	13,902	54,565,350	20,366	79,936,550	34,200	134,235,000	24,648	96,743,400	31,025	121,773,125
63,069	630,690,000	57,884	578,840,000	32,927	329,270,000	49,672	496,720,000	46,000	460,000,000	43,520	435,200,000	61,282	612,820,000
100,426	2,433,321,980	72,713	1,761,835,990	53,510	1,296,547,300	64,491	1,562,616,930	67,300	1,630,679,000	38,083	922,751,090	48,060	1,164,493,800
77,543	54,280,100	62,189	43,532,300	40,357	28,249,900	70,015	49,010,500	44,000	30,800,000	94,125	65,887,500	63,121	44,184,700
208,870	6,462,437,800	201,345	6,229,614,300	238,555	7,380,891,700	164,803	5,099,004,820	252,900	7,824,726,000	177,376	5,488,013,440	144,564	4,472,810,160
4,476	599,784,000	2,665	357,110,000	4,899	656,466,000	3,490	467,660,000	5,000	670,000,000	3,543	474,762,000	6,882	922,188,000
9,060	801,810,000	8,933	790,570,500	6,381	564,718,500	9,843	871,105,500	9,500	840,750,000	7,456	659,856,000	9,907	876,769,500
553,191	534,382,506	591,598	571,483,668	725,535	700,866,810	579,113	559,423,158	630,100	608,676,600	430,927	416,275,482	480,056	463,734,096
1,291,518	8,097,817,860	1,482,503	9,295,293,810	1,794,373	11,250,718,710	1,428,932	8,959,403,640	1,606,600	10,073,382,000	979,107	6,139,000,890	1,145,521	7,182,416,670
1,195,258	329,891,208	1,163,009	320,990,484	952,677	262,938,852	1,418,050	391,381,800	1,644,600	453,909,600	1,568,860	433,005,360	1,633,230	450,771,480
1,678,688	210,020,656	1,944,063	243,221,722	1,756,939	219,810,638	1,139,210	142,526,563	1,551,300	194,083,143	1,413,173	176,802,074	1,971,855	246,698,779
1,940,324	448,505,893	1,223,827	282,887,611	1,864,081	430,882,323	1,591,970	367,983,866	1,551,300	358,582,995	1,413,173	326,654,939	1,971,855	455,794,283
1,346,156	74,375,119	1,073,685	59,321,096	692,831	38,278,913	729,584	40,309,516	1,020,000	56,355,000	813,296	44,934,604	1,758,895	97,178,949
10,509	166,147,290	10,234	161,799,540	8,422	133,151,620	8,824	139,507,440	8,100	128,061,000	7,162	113,231,220	8,022	126,827,820
44,323,279	44,323,279	28,628,577	28,628,577	21,561,555	21,561,555	16,869,600	16,869,600	28,660,000	28,660,000	14,357,533	14,357,533	36,720,000	38,720,000
1,346,441	1,804,230,940	1,217,233	1,631,092,220	1,082,222	1,450,177,480	634,750	850,565,000	1,278,600	1,713,324,000	1,362,681	1,825,992,540	1,443,172	1,933,850,480
258,852	35,203,872	296,688	40,349,568	233,312	31,730,432	447,480	60,857,280	401,900	54,658,400	355,765	48,384,040	393,547	53,522,392
40,844	621,441,460	22,045	335,414,675	38,080	579,387,200	15,687	238,677,705	19,200	292,128,000	24,581	373,999,915	22,397	340,770,355
1,331,650	3,953,668,850	1,275,714	3,787,594,866	974,426	2,893,070,794	871,088	2,586,260,272	1,023,000	3,037,287,000	934,292	2,773,912,948	1,637,562	4,861,921,578
2,246,089	13,476,534	2,262,180	13,573,080	1,434,008	8,604,048	3,999,433	23,996,598	786,300	4,717,800	1,133,239	6,799,434	1,100,122	6,600,732
815,423	6,865,861,660	369,262	3,109,186,040	454,163	3,824,052,460	373,028	3,140,895,760	463,100	3,899,302,000	467,784	3,938,741,280	527,715	4,443,360,300
3,520,677	704,135,400	1,935,166	387,033,200	1,834,881	366,976,200	2,130,970	426,194,000	2,233,000	446,600,000	2,215,005	443,001,000	1,869,882	373,976,400
1,548,614	441,354,990	1,117,945	318,614,325	776,628	221,338,980	813,975	231,982,875	1,131,300	322,420,500	805,303	229,511,355	1,264,828	360,475,980
17,410	609,350,000	9,548	334,180,000	7,275	254,625,000	6,271	219,485,000	8,900	311,500,000	8,787	307,545,000	10,377	363,195,000
62,998,755	125,997,510	68,272,978	136,545,956	67,051,595	134,103,190	49,170,000	98,340,000	50,299,800	100,599,600	50,033,268	100,066,536	54,208,000	108,416,000
49,090	241,522,800	52,700	259,284,000	60,020	295,298,400	52,800	259,776,000	51,200	251,904,000	43,117	212,135,640	71,245	350,525,400
1,377,125	134,958,250	2,016,661	197,632,778	1,165,549	114,223,802	1,254,000	122,892,000	1,365,100	133,779,800	1,437,240	140,849,520	2,245,760	220,084,480
26,088,550	365,239,700	41,272,740	577,818,360	9,231,420	129,239,880	56,386,735	789,414,290	24,640,000	344,960,000	31,220,020	437,080,280	28,652,800	401,139,200
39,140,078	313,120,624	13,785,191	110,281,528	22,498,803	179,990,424	26,010,600	208,084,800	25,381,100	203,048,800	15,401,726	123,213,808	26,019,840	208,158,720
4,583,721	27,502,326	29,587,987	177,527,922	46,847,750	281,086,500	72,864,000	437,184,000	27,220,800	163,324,800	52,222,578	313,335,468	21,063,680	126,382,080
48,521,623	873,389,214	49,944,226	898,996,068	41,222,382	742,002,876	33,370,681	600,672,258	22,792,000	410,256,000	33,217,872	597,921,696	29,584,781	532,526,058
1,028,524,835	1,028,524,835	1,010,933,440	1,010,933,440	1,087,683,328	1,087,683,328	941,424,000	941,424,000	936,415,014	936,415,014	857,568,800	857,568,800	950,000,000	950,000,000
	39,849,965,717		**34,595,875,840**		**36,212,723,104**		**30,800,528,314**		**36,490,000,000**		**28,867,295,615**		**33,309,645,613**
	39,849,965,717		34,595,875,840		36,287,790,964		30,800,528,314		36,490,000,000		28,867,295,615		33,309,645,615
	-		-		75,067,860		-		-		-		2
					Consignación errónea en la cantidad d 4								Redondeo

Ing. Ignacio Gómez N.
Director de

Abog. Dionisio Antonio Ríos Vera
Director de Asuntos Jurídicos
M.O.P.C.

Abg. Esteban Sarubbi
Secretario General
M.O.P.C.

Ing. Juan Manuel Cuevo G.
Viceministro de Obras Públicas y Comunicaciones

Lic. Nestor Domínguez Martínez
Viceministro de Administración y Finanzas

LLAMADO MOPC Nº 162/2016 LPN - CONTRATACIÓN DE EMPRESAS CONSTRUCTORAS PARA LA PAVIMENTACION ASFALTICA EN EL TRAMO ATYRA-CANDIA-CAACUPE-AD REFERENDUM AL PGN 2017

ANEXO A

Ítem	Descripción	Unidad de Medida	Cantidad	CONSORCIO SANTA ANA (CONSTRUPAR S.A. - CCC S.A. - MM S.A.)		VIALTEC S.A.		CHAVES CONSTRUCCIONES S.A.I		TALAVERA ORTELLADO S.A.		DC INGENIERIA S.A.	
				Precio Unitario (IVA Incluido)	Precio Total (IVA Incluido)	Precio Unitario (IVA Incluido)	Precio Total (IVA Incluido)	Precio Unitario (IVA Incluido)	Precio Total (IVA Incluido)	Precio Unitario (IVA Incluido)	Precio Total (IVA Incluido)	Precio Unitario (IVA Incluido)	Precio Total (IVA Incluido)
	MOVIMIENTO DE SUELO												
1	Desbroce, despeje y limpieza	ha	14.18	8,348,038	118,375,179	6,017,873	85,333,439	4,062,252	57,602,733	12,886,173	182,725,933	4,003,678	56,772,154
2	Remoción de alcantarillas existentes	un	16	6,750,924	108,014,784	2,850,635	45,610,160	1,559,080	24,945,280	5,051,415	80,822,640	1,536,599	24,585,584
3	Excavación no clasificada	m3	9,100.00	26,349	239,775,900	24,375	221,812,500	20,976	190,881,600	23,294	211,975,400	20,673	188,124,300
4	Excavación de zanjas de drenajes	m3	3,925.00	24,811	97,383,175	19,515	76,596,375	7,999	31,396,075	27,112	106,414,600	7,884	30,944,700
5	Terraplén con suelo granular (ripio)	m3	10,000.00	56,187	561,870,000	49,816	498,160,000	41,109	411,090,000	66,444	664,440,000	38,720	387,200,000
6	Excavación en roca	m3	24,230.00	20,204	489,542,920	74,586	1,807,218,780	52,430	1,270,378,900	69,366	1,680,738,180	51,673	1,252,036,790
	PAVIMENTO												
7	Empedrado	m2	700	90,058	63,040,600	57,901	40,530,700	35,706	24,994,200	70,345	49,241,500	34,288	24,001,600
8	Macadán Hidráulico (esp.: 35 cms)	m3	30,940	174,796	5,408,188,240	233,043	7,210,350,420	80,466	2,489,618,040	183,832	5,687,762,080	73,165	2,263,725,100
9	Riego de Liga	m2	134,000	3,939	527,826,000	3,755	503,170,000	2,446	327,764,000	3,137	420,358,000	2,411	323,074,000
10	Riego de Imprimación	m2	88,500	9,214	815,439,000	7,069	625,606,500	9,015	797,827,500	9,429	834,466,500	8,886	786,411,000
11	Regularización con C°A° (60kg/m2)	tn	966	511,691	494,293,506	455,299	439,818,834	514,614	497,117,124	501,859	484,795,794	507,192	489,947,472
12	Carpeta de concreto asfáltico (e = 0,06 m)	m3	6,270	1,294,044	8,113,655,880	1,174,012	7,361,055,240	1,267,426	7,946,761,020	1,163,388	7,294,442,760	1,249,150	7,832,170,500
	OBRAS DE DRENAJE												
	Alcantarillas tubulares de H° A°												
13	Provisión y colocación de tubos para Alcantarillas	ml	276	1,597,214	440,831,064	1,528,991	422,001,516	1,201,144	331,515,744	2,137,464	589,940,064	1,183,823	326,735,148
14	Hormigón Clase C21 para Cabeceras de Alc. Tubulares	m3	125.11	1,853,961	231,949,061	1,369,569	171,346,778	1,364,072	170,659,048	1,309,059	163,776,371	1,344,401	168,198,009
	Alcantarillas celulares de H° A°												
15	Hormigón Estructural Clase C21 para Alcantarillas Celulares	m3	231.15	1,697,514	392,380,361	1,496,755	345,974,918	1,380,676	319,143,257	1,314,140	303,763,461	1,360,766	314,541,061
16	Hormigón Estructural Clase C9 para Alcantarillas Celulares	m3	55.25	1,607,278	88,802,110	1,094,435	60,467,534	984,163	54,375,006	885,997	48,951,334	969,972	53,590,953
17	Acero para refuerzo (alcantarillas celulares)	kg	15,810.00	9,044	142,985,640	8,621	136,298,010	8,459	133,736,790	8,268	130,717,080	8,337	131,807,970
18	Mantenimiento del Puente existente de Hormigón Prog.	gl	1	33,754,621	33,754,621	33,459,909	33,459,909	14,220,382	14,220,382	41,471,178	41,471,178	13,936,412	13,936,412
	OBRAS COMPLEMENTARIAS												
19	Cordón cuneta de Hormigón Clase C21	m3	1,340.00	1,422,571	1,906,245,140	1,116,161	1,495,655,740	1,130,986	1,515,521,240	977,291	1,309,569,940	948,565	1,268,397,100
20	Barandas metálicas para defensa	ml	136	371,242	50,488,912	279,220	37,973,920	432,568	58,829,248	438,478	59,633,008	426,330	57,980,880
21	Alambrada	ml	15,215.00	38,852	591,133,180	21,141	321,660,315	23,564	358,526,260	28,837	438,754,955	23,223	353,337,945
22	Cuneta revestida de Hormigón Clase C18	m3	2,969.00	1,392,493	4,134,311,717	1,023,549	3,038,916,981	1,124,047	3,337,295,543	1,093,859	3,247,667,371	1,043,181	3,097,204,389
23	Disipador de energía de salida de cunetas revestidas	un	6	1,491,682	8,950,092	1,118,588	6,711,528	984,414	5,906,484	1,367,441	8,204,646	961,379	5,768,274
24	Mampostería de piedra bruta colocada	m3	8,420.00	653,536	5,502,773,120	442,970	3,729,807,400	524,256	4,414,235,520	466,917	3,931,441,140	507,174	4,270,405,080
25	Losa HºAº Clase C21 (acceso a propiedades privadas)	m3	200	2,323,299	464,659,800	1,864,566	372,913,200	1,919,072	383,814,400	2,199,722	439,944,400	1,891,401	378,280,200
26	Regularización de Fondo de canales (Hormigón Clase C18)	m3	285	1,667,436	475,219,260	1,030,504	293,693,640	1,033,273	294,482,805	1,345,489	383,464,365	1,018,373	290,236,305
27	Revestimiento Vegetal con Tepes	m2	35,000.00	11,006	385,210,000	7,901	276,535,000	7,216	252,560,000	11,339	396,865,000	7,113	248,955,000
28	Pórticos	un	2	55,543,999	111,087,998	50,745,521	101,491,042	65,604,000	131,208,000	52,341,653	104,683,306	64,658,000	129,316,000
29	Señalización Horizontal	m2	4,920.00	48,601	239,116,920	39,184	192,785,280	45,464	223,682,880	53,450	262,974,000	44,809	220,460,280
30	Señalización Vertical	m2	98	1,388,600	136,082,800	1,259,005	123,382,490	1,180,872	115,725,456	1,510,242	148,003,716	1,163,844	114,056,712
31	Dársenas para parada de ómnibus (vereda, contrapiso,	un	14	18,902,318	264,632,452	38,155,590	534,178,260	28,257,514	395,605,196	20,804,577	291,264,078	17,709,051	247,926,714
32	Protección forestal en áreas de préstamos	un	8	10,531,386	84,251,088	26,697,715	213,581,720	6,048,899	48,391,192	31,400,683	251,205,464	5,961,674	47,693,392
33	Traslado de líneas eléctricas de Media Tensión	km	6	27,093,539	162,561,234	33,720,177	202,321,062	55,181,341	331,088,046	69,222,626	415,335,756	54,385,634	326,313,804
	INSTALACIONES Y SERVICIOS ESPECIALIZADOS												
34	Instalaciones y Servicios Especializados	mes	18	44,229,301	796,127,418	25,267,734	454,819,212	54,046,820	972,842,760	59,504,817	1,071,086,706	53,267,473	958,814,514
	MOVILIZACIÓN												
35	Movilización -	gl	1	1,023,789,653	1,023,789,653	971,850,080	971,850,080	854,951,328	854,951,328	941,240,616	941,240,616	812,828,650	812,828,650
	PRECIO TOTAL (IVA INCLUIDO)				**34,704,748,825**		**32,453,088,483**		**28,788,693,057**		**32,678,141,342**		**27,495,777,992**
	MONTO OFERTADO				34,704,748,825		32,453,088,483		28,788,693,057		32,678,141,342		27,495,777,992
	DIFERENCIA				-		-		-		-		-
	MOTIVO DE LA DIFERENCIA												

Lic. Martín Báez Moringo
Viceministro de Administración y Finanzas

Ing. Juan Manuel Cuevas G.
Viceministro de Obras Públicas

Abog. Esteban Barubbi
Secretario General
y Jefe de Gabinete
M.O.P.C.

Ing. Dionisio A. Morales Varo
Director de Asuntos Jurídicos
M.O.P.C.

Ing. IGNACIO GÓMEZ N.
Director de ...

LLAMADO MOPC Nº 162/2016 LPN - CONTRATACIÓN DE EMPRL CONSTRUCTORAS PARA LA PAVIMENTACION A LTICA EN EL TRAMO ATYRA-CANDIA-CAACUPE-AD REFERENDUM AL PGN 2017

ANEXO A

CONSORCIOA ATYRA S.A. (PROEL INGENIERIA - CALDETEC INGENIERIA S.R.L.)		CONSORCIO ATYRA (COVIPA S.A. - M&T S.A.	
Precio Unitario (IVA Incluido)	Precio Total (IVA Incluido)	Precio Unitario (IVA Incluido)	Precio Total (IVA Incluido)
5,584,545	79,188,848	8,726,931	123,747,882
2,809,419	44,950,704	2,868,604	45,897,664
15,800	143,780,000	27,493	250,186,300
16,469	64,640,825	33,028	129,634,900
47,463	474,630,000	42,744	427,440,000
143,101	3,467,337,230	78,296	1,897,112,080
46,247	32,372,900	63,896	44,727,200
211,611	6,547,244,340	166,861	5,162,679,340
7,849	1,051,766,000	3,737	500,758,000
9,868	873,318,000	10,127	896,239,500
548,687	530,031,642	445,256	430,117,296
1,345,770	8,437,977,900	1,116,108	6,997,997,160
1,982,012	547,035,312	1,121,425	309,513,300
1,418,173	177,427,624	1,179,063	147,512,572
1,418,173	327,810,689	1,179,063	272,540,412
1,055,791	58,332,453	685,001	37,846,305
8,380	132,487,800	8,405	132,883,050
30,980,298	30,980,298	200,367,432	200,367,432
1,143,366	1,532,110,440	1,186,698	1,590,175,320
308,771	41,992,856	396,287	53,895,032
23,406	356,122,290	41,591	632,807,065
1,142,074	3,390,817,706	867,599	2,575,901,431
632,050	3,792,300	537,241	3,223,446
485,857	4,090,915,940	332,220	2,797,292,400
1,418,173	283,634,600	2,321,998	464,399,600
1,164,507	331,884,495	853,761	243,321,885
8,019	280,665,000	8,131	284,585,000
40,260,000	80,520,000	45,008,880	90,017,760
47,106	231,761,520	38,653	190,172,760
1,087,020	106,527,960	1,313,534	128,726,332
29,524,000	413,336,000	23,379,995	327,319,930
18,200,996	145,607,968	60,691,950	485,535,600
31,610,810	189,664,860	138,514,302	831,085,812
25,205,882	453,705,876	55,035,651	990,641,718
1,081,063,063	1,081,063,063	881,978,282	881,978,282
	36,035,435,439		**30,578,279,766**
	36,035,435,439		30,578,279,766
	-		-

Lic. Martínez Moríñigo
Viceministro de Administración y Finanzas
MOPC

Ing. Osmar Daniel Cuevas G.
Viceministro de Obras Públicas y Comunicaciones

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Secretario General
Jefe de Gabinete
M.O.P.C.

Ing. IGNACIO GÓMEZ
Director de Vialidad
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