



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

Table with columns: No., Descripción, Unidad, Cantidad, and monthly columns from 05/02/2021 to 01/06/2022. Includes rows for ACARRE002, ACARRE003, ACARRE004, ACEITE, DIESEL, LLGRUAHID001, LLTRAXC, REGDESP, ACARRE003, ACARRE004, ACEITE, CALHIDRA, and DIESEL. Includes summary rows for 'Monto esta hoja: Acumulado:'.

REPRESENTANTE COMÚN: ING. HECTOR RAÚL HUERTA AVENDAÑO

000465



Formato
ECO-11-3
Fecha: 15/01/2021
Duración: 943 días
Inicio obra: 05/02/2021
Fin obra: 05/09/2023

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
10.402685%	10.402685%	10.067114%	10.402685%	2.684561%											100.000000%
0.497820	0.497820	0.481761	0.497820	0.128470											4.785497
\$9.35	\$9.35	\$9.05	\$9.35	\$2.40											\$89.87
10.437710%	10.437710%	10.101010%	10.437710%	2.020205%											100.000000%
151578.469367	151578.469367	146688.846008	151578.469367	29337.812768											1452219.590000
\$303,156.94	\$303,156.94	\$293,377.69	\$303,156.94	\$58,675.62											\$2,904,439.18
10.367343%	10.367343%	10.032913%	10.367343%	2.737264%											100.000000%
32658.435789	32658.435789	31604.938318	32658.435789	8622.724871											315012.578680
\$88,177.78	\$88,177.78	\$85,333.33	\$88,177.78	\$23,281.35											\$850,533.96
10.344800%	10.344800%	10.011097%	10.344800%	2.966984%											100.000000%
468931.810629	468931.810629	453804.982031	468931.810629	134493.959775											4533019.404920
\$937,863.62	\$937,863.62	\$907,609.96	\$937,863.62	\$268,987.94											\$9,066,038.81
10.339999%	10.339999%	10.006451%	10.339999%	3.033776%											100.000000%
2294.272200	2294.272200	2220.263435	2294.272200	673.143927											22188.321243
\$156,010.51	\$156,010.51	\$150,977.91	\$156,010.51	\$45,773.79											\$1,508,805.84
10.344308%	10.344308%	10.010621%	10.344308%	2.976981%											100.000000%
140236.805082	140236.805082	135713.038332	140236.805082	40358.653916											1355690.504328
\$2,706,570.34	\$2,706,570.34	\$2,619,261.64	\$2,706,570.34	\$778,922.01											\$26,164,826.73
10.264901%	10.264901%	9.933775%	10.264901%	3.973508%											100.000000%
0.264334	0.264334	0.255807	0.264334	0.102323											2.575125
\$5,815.35	\$5,815.35	\$5,627.76	\$5,815.35	\$2,251.09											\$56,652.75
\$4,197,603.89	\$4,197,603.89	\$4,062,197.34	\$4,197,603.89	\$1,177,894.20											\$40,551,387.14
\$4,197,603.89	\$4,197,603.89	\$4,062,197.34	\$4,197,603.89	\$1,177,894.20											\$40,551,387.14
10.369653%	10.369653%	10.035148%	10.369653%	2.694044%											100.000000%
0.131993	0.131993	0.127735	0.131993	0.034292											1.272876
\$5,138.01	\$5,138.01	\$4,972.27	\$5,138.01	\$1,334.84											\$49,548.51
10.344800%	10.344800%	10.011097%	10.344800%	2.966984%											100.000000%
24680.621612	24680.621612	23884.472738	24680.621612	7078.629462											238579.968680
\$246,806.22	\$246,806.22	\$238,844.73	\$246,806.22	\$70,786.27											\$2,385,799.69
\$4,449,548.12	\$4,449,548.12	\$4,306,014.34	\$4,449,548.12	\$1,250,015.31											
\$28,531,609.45	\$32,981,157.57	\$37,287,171.91	\$41,736,720.03	\$42,986,735.34	\$42,986,735.34	\$42,986,735.34	\$42,986,735.34	\$42,986,735.34	\$42,986,735.34	\$42,986,735.34	\$42,986,735.34	\$42,986,735.34	\$42,986,735.34	\$42,986,735.34	\$42,986,735.34
10.35%	10.35%	10.02%	10.35%	2.91%											100.00%
66.37%	76.72%	86.74%	97.09%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
7.941344%	10.851595%	11.842673%	12.237428%	7.047528%	4.296084%	4.296084%	3.880334%	4.296084%	2.910251%						100.000000%
172322.068707	235472.637295	256978.389439	265544.328257	152926.819994	93222.259550	93222.259550	84200.753025	93222.259550	63150.568588						2169935.715971
\$485,269.59	\$635,776.12	\$693,841.65	\$716,969.69	\$412,902.41	\$251,700.10	\$251,700.10	\$227,342.03	\$251,700.10	\$170,506.53						\$5,858,826.43
7.774651%	10.804041%	11.851556%	12.246608%	7.164489%	4.471957%	4.471957%	4.039187%	4.471957%	3.029391%						100.000000%
4507574.178830	6263949.367679	6871275.947847	7100318.272556	4153815.596234	2592744.093726	2592744.093726	2341833.443507	2592744.093726	1756375.188849						57977836.208303
\$9,015,148.36	\$12,527,898.74	\$13,742,551.90	\$14,200,636.55	\$8,307,631.19	\$5,185,488.19	\$5,185,488.19	\$4,683,666.89	\$5,185,488.19	\$3,512,750.36						\$115,955,672.42
10.040241%	11.327161%	11.554820%	11.939980%	5.527390%	1.899739%	1.899739%	1.715894%	1.899739%	1.286920%						100.000000%
3619.467695	4083.397427	4165.467450	4304.316285	1992.602559	684.848590	684.848590	618.572938	684.848590	463.929732						36049.610339
\$246,123.80	\$277,671.02	\$283,251.79	\$292,693.51	\$135,496.97	\$46,569.70	\$46,569.70	\$42,062.96	\$46,569.70	\$31,547.23						\$2,451,373.50
17.514124%	17.514124%	16.949153%	17.514124%	5.649717%											100.000000%
1684446.684513	1684446.684513	1630109.766047	1684446.684513	543369.857898											9617647.360000
\$3,874,227.37	\$3,874,227.37	\$3,749,252.46	\$3,874,227.37	\$1,249,750.69											\$22,120,588.93
10.059633%	11.272355%	11.469280%	11.851589%	5.388495%	1.795626%	1.795626%	1.621856%	1.795626%	1.216392%						100.000000%
147763.961980	165637.820656	168531.467177	174149.179562	79179.427055	26385.217582	26385.217582	23831.810127	26385.217582	17873.858676						1469416.326439
\$2,851,844.47	\$3,196,809.94	\$3,252,657.32	\$3,361,079.17	\$1,528,162.94	\$509,234.70	\$509,234.70	\$459,953.94	\$509,234.70	\$344,965.47						\$28,359,735.10
\$16,704,557.82	\$20,764,327.42	\$21,965,372.12	\$22,697,550.52	\$11,706,065.31	\$5,992,992.69	\$5,992,992.69	\$5,413,025.82	\$5,992,992.69	\$4,059,769.59						\$177,181,544.58
\$20,902,161.71	\$24,961,931.31	\$26,027,569.46	\$26,895,154.41	\$12,883,959.51	\$5,992,992.69	\$5,992,992.69	\$5,413,025.82	\$5,992,992.69	\$4,059,769.59						\$217,732,931.72

REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO

000466



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Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022
FLETEMARIT	FLETE MARITIMO DE PUERTO TUXPAN A m3 PUERTO PUNTA VENADO, INCLUYE LA CARGA Y DESCARGA EN PUERTOS.		238,694.1000																	
LLCAMVOLTEO	LLANTAS CAMION TIPO VOLTEO MCA JGO MERCEDES		0.007593												5.033306%	9.396014%	10.402701%	10.067139%	10.402701%	10.067139%
															0.000382	0.000713	0.000790	0.000764	0.000790	0.000764
															\$9.70	\$18.10	\$20.04	\$19.39	\$20.04	\$19.39
LLEQRETM01	LLANTAS DE RETRO CON CARGADOR MCA JGO CAT MOD 416		0.024889												5.033652%	9.395959%	10.402674%	10.067102%	10.402674%	10.067102%
															0.001253	0.002339	0.002589	0.002506	0.002589	0.002506
															\$34.63	\$64.64	\$71.57	\$69.26	\$71.57	\$69.26
LLFINISHER	LLANTAS FINISHER	JGO	0.994559																	
LLMOTOCONF	LLANTAS MOTONIVELADORA KOMATSU 12G, JGO		5.070268												0.183333%	0.342222%	6.478439%	9.866656%	11.631210%	12.943082%
															0.009295	0.017352	0.328474	0.500266	0.589733	0.656249
															\$334.64	\$624.66	\$11,825.07	\$18,009.57	\$21,230.40	\$23,624.96
LLPIPA	LLANTAS PIPA PARA AGUA	JGO	3.112032												1.504729%	2.808827%	6.849565%	8.698224%	9.752053%	10.335127%
															0.046828	0.087412	0.213161	0.270691	0.303487	0.321632
															\$1,030.21	\$1,923.05	\$4,689.53	\$5,955.21	\$6,676.71	\$7,075.91
LLTRAXC	LLANTAS PARA CARGADOR	JGO	8.112718												1.185160%	2.197643%	4.615113%	6.599612%	7.259139%	7.541484%
															0.096149	0.178289	0.374411	0.535408	0.588913	0.611819
															\$3,742.73	\$6,940.14	\$14,574.49	\$20,841.52	\$22,924.31	\$23,815.95
LLVIBROCOM	LLANTAS VIBRO CS563	JGO	3.414836												0.261649%	0.488412%	5.067744%	7.573948%	8.890963%	9.855128%
															0.008935	0.016678	0.173055	0.258638	0.303612	0.336536
															\$107.22	\$200.14	\$2,076.66	\$3,103.66	\$3,643.34	\$4,038.44
MACAPFIL-001	CAPA FILTRO / GRAVÓN DE 2" A 3"	m3	89,195.7250												5.033557%	9.395973%	10.402685%	10.067114%	10.402685%	10.067114%
															4489.717659	8380.806238	9278.750305	8979.435319	9278.750305	8979.435319
															\$718,354.83	\$1,340,929.00	\$1,484,600.05	\$1,436,709.65	\$1,484,600.05	\$1,436,709.65
			Monto esta hoja:												\$723,613.96	\$1,350,699.73	\$1,517,857.41	\$1,484,708.26	\$1,539,166.42	\$1,495,353.56
			Acumulado:												\$5,874,666.74	\$10,094,731.75	\$13,936,441.75	\$15,928,832.43	\$19,163,856.23	\$21,723,252.28
MAEXP001	ALTO EXPLOSIVO	kg	28,256.502002												5.685619%	9.364548%	10.367893%	10.033445%	10.367893%	10.033445%
															1606.557047	2646.093693	2929.603893	2835.100587	2929.603893	2835.100587
															\$169,684.56	\$279,480.42	\$309,424.76	\$299,443.32	\$309,424.76	\$299,443.32
MAEXP002	BROCA DE BARRENACION	PZA	393.58845												5.685619%	9.364548%	10.367893%	10.033445%	10.367893%	10.033445%
															22.377940	36.857779	40.806829	39.490481	40.806829	39.490481
															\$170,389.44	\$280,641.40	\$310,710.14	\$300,687.23	\$310,710.14	\$300,687.23
MAEXP003	BARRA DE BARRENACION DE 11/2"	PZA	272.363207												5.685619%	9.364548%	10.367893%	10.033445%	10.367893%	10.033445%
															15.485534	25.505583	28.238326	27.327413	28.238326	27.327413
															\$129,212.07	\$212,819.86	\$235,622.00	\$228,021.30	\$235,622.00	\$228,021.30
MAEXP004	CORDON DETONANTE	ml	283,120.242131												5.685619%	9.364548%	10.367893%	10.033445%	10.367893%	10.033445%
															16097.138279	26512.930972	29353.603765	28406.713778	29353.603765	28406.713778
															\$186,082.92	\$306,489.48	\$339,327.66	\$328,381.61	\$339,327.66	\$328,381.61
MAEXP005	CONECTOR MS	PZA	2,761.416565												5.685619%	9.364548%	10.367893%	10.033445%	10.367893%	10.033445%
															157.003625	258.594180	286.300715	277.065212	286.300715	277.065212
															\$30,527.78	\$50,281.05	\$55,668.31	\$53,872.56	\$55,668.31	\$53,872.56
MAEXP006	COPE DE BARRENACION DE 1 1/2"	PZA	68.221998												5.685619%	9.364548%	10.367893%	10.033445%	10.367893%	10.033445%
															3.878843	6.388682	7.073184	6.845017	7.073184	6.845017
															\$9,229.44	\$15,201.42	\$16,830.15	\$16,287.24	\$16,830.15	\$16,287.24
MAEXP007	MECHA BLANCA ROLLO DE 50 MTS.	ml	7,265.642787												5.685619%	9.364548%	10.367893%	10.033445%	10.367893%	10.033445%
															413.096767	680.394606	753.294070	728.994273	753.294070	728.994273
															\$3,548.50	\$5,844.59	\$6,470.80	\$6,262.06	\$6,470.80	\$6,262.06
MAEXP008	AGENTE EXPLOSIVO	kg	356,447.869504												5.685619%	9.364548%	10.367893%	10.033445%	10.367893%	10.033445%
															20266.267794	33379.731835	36956.133711	35764.000940	36956.133711	35764.000940
															\$704,252.81	\$1,159,945.68	\$1,284,225.65	\$1,242,799.03	\$1,284,225.65	\$1,242,799.03
MAEXP009	ZANCO DE BARRENACION	PZA	133.295288												5.685619%	9.364548%	10.367893%	10.033445%	10.367893%	10.033445%
															7.578662	12.482501	13.819913	13.374109	13.819913	13.374109
															\$39,757.59	\$65,483.08	\$72,499.12	\$70,160.44	\$72,499.12	\$70,160.44
			Monto esta hoja:												\$1,442,685.11	\$2,376,186.98	\$2,630,778.59	\$2,545,914.79	\$2,630,778.59	\$2,545,914.79
			Acumulado:												\$7,317,351.85	\$12,470,918.73	\$16,567,220.34	\$18,474,747.22	\$21,794,634.82	\$24,269,167.07
MAGEOT350	GEOTEXTIL PET NT 300 G/M2-TNRROLLO DE m2		110.7920												5.033557%	9.395973%	10.402685%	10.067114%	10.402685%	10.067114%

REPRESENTANTE COMUN. ING. HÉCTOR RAÚL HUERTA AVENDAÑO

000467



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
 Fin obra: 05/09/2023

Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
	8.267717%	11.811024%	12.204724%	11.811024%	12.204724%	12.204724%	12.204724%	11.023622%	12.204724%	8.267717%					100.000000%
	19734.552684	28192.217438	29131.956109	28192.217438	29131.956109	29131.956109	26312.735320	29131.956109	19734.552684						238694.100000
	\$16,131,023.36	\$23,044,318.53	\$23,812,460.92	\$23,044,318.53	\$23,812,460.92	\$23,812,460.92	\$21,508,029.85	\$23,812,460.92	\$16,131,023.39						\$195,108,557.34
10.402701%	10.402701%	10.067139%	10.402701%	3.355757%											100.000000%
0.000790	0.000790	0.000764	0.000790	0.000255											0.007593
\$20.04	\$20.04	\$19.39	\$20.04	\$6.45											\$192.62
10.402674%	10.402674%	10.067102%	10.402674%	3.355714%											100.000000%
0.002589	0.002589	0.002506	0.002589	0.000835											0.024889
\$71.57	\$71.57	\$69.26	\$71.57	\$23.05											\$687.95
	8.267718%	11.811024%	12.204724%	11.811024%	12.204724%	12.204724%	11.023622%	12.204724%	8.267717%						100.000000%
	0.082227	0.117468	0.121383	0.117468	0.121383	0.121383	0.109636	0.121383	0.082227						0.994559
	\$1,850.11	\$2,643.02	\$2,731.12	\$2,643.02	\$2,731.12	\$2,731.12	\$2,466.82	\$2,731.12	\$1,850.12						\$22,377.57
13.374517%	13.374517%	12.943082%	13.374517%	5.488426%											100.000000%
0.678124	0.678124	0.656249	0.678124	0.278278											5.070268
\$24,412.46	\$24,412.46	\$23,624.96	\$24,412.46	\$10,017.99											\$182,529.63
10.679631%	11.789371%	11.920470%	12.317819%	5.840228%	1.638188%	1.638188%	1.479654%	1.638188%	1.109740%						100.000000%
0.332353	0.366889	0.370969	0.383334	0.181750	0.050981	0.050981	0.046047	0.050981	0.034535						3.112032
\$7,311.78	\$8,071.56	\$8,161.31	\$8,433.36	\$3,998.49	\$1,121.58	\$1,121.58	\$1,013.04	\$1,121.58	\$759.80						\$68,464.70
7.792867%	10.833548%	11.885315%	12.281491%	7.247829%	4.488625%	4.488625%	4.054242%	4.488625%	3.040682%						100.000000%
0.632213	0.878895	0.964222	0.996363	0.587996	0.364149	0.364149	0.328909	0.364149	0.246682						8.112718
\$24,609.81	\$34,212.26	\$37,533.73	\$38,784.85	\$22,888.59	\$14,175.04	\$14,175.04	\$12,803.26	\$14,175.04	\$9,602.45						\$315,799.21
10.183630%	12.109984%	12.607060%	13.027295%	6.908368%	2.843665%	2.843665%	2.568472%	2.843665%	1.926354%						100.000000%
0.347754	0.413536	0.430510	0.444861	0.235909	0.097107	0.097107	0.087709	0.097107	0.065782						3.414836
\$4,173.05	\$4,962.43	\$5,166.13	\$5,338.33	\$2,830.91	\$1,165.28	\$1,165.28	\$1,052.51	\$1,165.28	\$789.38						\$40,978.04
10.402685%	10.402685%	10.067114%	10.402685%	3.355703%											100.000000%
9278.750305	9278.750305	8979.435319	9278.750305	2993.143620											89195.725000
\$1,484,600.05	\$1,484,600.05	\$1,436,709.65	\$1,484,600.05	\$478,902.97											\$14,271,316.00
\$1,545,198.76	\$17,689,223.84	\$24,558,245.98	\$25,376,852.70	\$23,565,630.00	\$23,831,653.94	\$23,831,653.94	\$21,525,365.48	\$23,831,653.94	\$16,144,025.14						\$210,010,903.06
\$22,447,360.47	\$42,651,155.15	\$50,585,815.44	\$52,272,007.11	\$36,449,589.51	\$29,824,646.63	\$29,824,646.63	\$26,938,391.30	\$29,824,646.63	\$20,203,794.73						\$427,743,834.78
10.367893%	10.367893%	10.033445%	10.367893%	3.010033%											100.000000%
2929.603893	2929.603893	2835.100587	2929.603893	850.530035											28256.502002
\$309,424.76	\$309,424.76	\$299,443.32	\$309,424.76	\$89,833.00											\$2,984,451.74
10.367893%	10.367893%	10.033445%	10.367893%	3.010033%											100.000000%
40.806829	40.806829	39.490481	40.806829	11.847142											393.588450
\$310,710.14	\$310,710.14	\$300,687.23	\$310,710.14	\$90,206.14											\$2,996,849.37
10.367893%	10.367893%	10.033445%	10.367893%	3.010033%											100.000000%
28.238326	28.238326	27.327413	28.238326	8.198222											272.363207
\$235,622.00	\$235,622.00	\$228,021.30	\$235,622.00	\$68,406.39											\$2,272,612.22
10.367893%	10.367893%	10.033445%	10.367893%	3.010033%											100.000000%
29353.603765	29353.603765	28406.713778	29353.603765	8522.012718											283120.242131
\$339,327.66	\$339,327.66	\$328,381.61	\$339,327.66	\$98,514.47											\$3,272,870.00
10.367893%	10.367893%	10.033445%	10.367893%	3.010033%											100.000000%
286.300715	286.300715	277.065212	286.300715	83.119550											2761.416565
\$55,668.31	\$55,668.31	\$53,872.56	\$55,668.31	\$16,161.78											\$536,929.84
10.367893%	10.367893%	10.033445%	10.367893%	3.010033%											100.000000%
7.073184	7.073184	6.845017	7.073184	2.053505											68.221998
\$16,830.15	\$16,830.15	\$16,287.24	\$16,830.15	\$4,886.14											\$162,329.47
10.367893%	10.367893%	10.033445%	10.367893%	3.010033%											100.000000%
753.294070	753.294070	728.994273	753.294070	218.698246											7265.642787
\$6,470.80	\$6,470.80	\$6,262.06	\$6,470.80	\$1,878.60											\$62,411.87
10.367893%	10.367893%	10.033445%	10.367893%	3.010033%											100.000000%
36956.133711	36956.133711	35764.000940	36956.133711	10729.198500											356447.869504
\$1,284,225.65	\$1,284,225.65	\$1,242,799.03	\$1,284,225.65	\$372,839.64											\$12,386,563.47
10.367893%	10.367893%	10.033445%	10.367893%	3.010033%											100.000000%
13.819913	13.819913	13.374109	13.819913	4.012232											133.295288
\$72,499.12	\$72,499.12	\$70,160.44	\$72,499.12	\$21,048.16											\$699,265.75
\$2,630,778.59	\$2,630,778.59	\$2,545,914.79	\$2,630,778.59	\$763,774.32	\$29,824,646.63	\$29,824,646.63	\$26,938,391.30	\$29,824,646.63	\$20,203,794.73						\$25,374,283.73
\$25,078,139.06	\$45,281,933.74	\$53,131,730.23	\$54,902,785.70	\$37,213,363.83											\$453,118,118.51
10.402685%	10.402685%	10.067114%	10.402685%	3.355703%											100.000000%

México Proyectos y Desarrollos S.A. de C.V., México Compañía Constructora S.A. de C.V., Acciona Infraestructuras México S.A. de C.V. y Acciona Construcción S.A.



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022	
	4.00 X 100														5.576778 \$102.61	10.409986 \$191.54	11.525343 \$212.07	11.153557 \$205.23	11.525343 \$212.07	11.153557 \$205.23	
MAPEDRAP-001	PEDRAPLÉN CON MATERIALES DE TAMAÑO ENTRE 100 MM Y 900 MM MEDIDO EN BANCO	m3	272,232.7300												5.016722% 13657.159257 \$2,104,977.96	9.364548% 25493.364673 \$3,929,292.30	10.367893% 28224.798157 \$4,350,288.14	10.033445% 27314.321237 \$4,209,956.33	10.367893% 28224.798157 \$4,350,288.14	10.033445% 27314.321237 \$4,209,956.33	
MAREGALAGUA	REGALIA POR EXTRACCION DE AGUA	m3	248,962.529223												1.504729% 3746.210499 \$74,924.21	2.808827% 6992.926433 \$139,858.53	6.849565% 17052.849453 \$341,056.99	8.698224% 21655.318510 \$433,106.37	9.752053% 24278.957195 \$485,579.14	10.335127% 25730.592925 \$514,611.86	
MASUBBAL-001	MATERIAL PARA SUBBALASTO, CRIBADO DE 2" A FINOS MEDIDO EN BANCO	m3	225,570.5550														3.813559% 8602.266202 \$1,419,373.92	12.711864% 28674.222176 \$4,731,246.66	13.135593% 29630.030033 \$4,888,954.96	12.711864% 28674.222176 \$4,731,246.66	
MASUBRAS-001	MATERIAL PARA SUBRASANTE MEDIDO EN BANCO	m3	329,661.8750														8.130081% 26801.777464 \$3,886,257.73	12.195122% 40202.667844 \$5,829,386.84	12.601626% 41542.756552 \$6,023,699.70	12.195122% 40202.667844 \$5,829,386.84	
MAT-GRA-01	Material granular para relleno de 3"	m3	220.8000												5.033557% 11.114084 \$1,833.83	9.395973% 20.746308 \$3,423.14	10.402685% 22.969128 \$3,789.91	10.067114% 22.228188 \$3,667.65	10.402685% 22.969128 \$3,789.91	10.067114% 22.228188 \$3,667.65	
MATBALAST01	BALASTO PUESTO EN BANCO	m3	250,628.8050																		
MATERRAP-001	MATERIAL PARA TERRAPLÉN MEDIDO EN BANCO	m3	180,330.8880																	7.909605% 14263.460934 \$1,212,394.18	16.949153% 30564.558113 \$2,597,987.44
MATGRE-01	MATERIAL EN GREÑA	m3	272,232.7300												5.016722% 13657.159257 \$1,843,716.50	9.364548% 25493.364673 \$3,441,604.23	10.367893% 28224.798157 \$3,810,347.75	10.033445% 27314.321237 \$3,687,433.37	10.367893% 28224.798157 \$3,810,347.75	10.033445% 27314.321237 \$3,687,433.37	
Monto esta hoja: Acumulado:															\$4,025,555.11 \$11,342,906.96	\$7,614,369.74 \$19,985,288.47	\$13,811,326.51 \$30,378,546.85	\$18,895,002.45 \$37,369,749.67	\$20,775,265.85 \$42,569,900.67	\$21,574,495.38 \$45,843,662.45	
REGACOP01	Regalia de predio para punto de acopio	m3	238,694.1000																		
REGDESP	REGALIA BANCO DE TIRO	m3	36,669.292971												5.700598% 2090.369067 \$20,903.69	9.395973% 3445.436867 \$34,454.37	10.402685% 3814.591040 \$38,145.91	10.067114% 3691.539526 \$36,915.40	10.402685% 3814.591040 \$38,145.91	10.067114% 3691.539526 \$36,915.40	
TPVC8	TUBO DE PVC DE 8"	m	82.4000												5.033557% 4.147651 \$1,088.76	9.395973% 7.742282 \$2,032.35	10.402685% 8.571812 \$2,250.10	10.067114% 8.295302 \$2,177.52	10.402685% 8.571812 \$2,250.10	10.067114% 8.295302 \$2,177.52	
TRANSEMB	Transporte y embalastado con tolvas	m3	238,694.1000																		
TOTAL TERRACERÍA - MOVIMIENTO DE TIERRAS															\$8,812,909.46	\$16,002,828.73	\$25,969,394.74	\$33,102,828.25	\$38,160,748.56	\$41,576,741.03	
ACUMULADO TERRACERÍA - MOVIMIENTO DE TIERRAS															\$8,812,909.46	\$24,815,738.19	\$50,785,132.93	\$83,887,961.18	\$122,048,709.74	\$163,625,450.77	
PORCENTAJE PERIODO TERRACERÍA - MOVIMIENTO DE TIERRAS															1.10%	2.00%	3.25%	4.14%	4.78%	5.21%	
PORCENTAJE ACUMULADO TERRACERÍA - MOVIMIENTO DE TIERRAS															1.10%	3.11%	6.36%	10.50%	15.28%	20.49%	
3	103247-1130	Gasolina Magna	lts	345.777413																12.328767% 42.630092 \$800.59	13.698630% 47.366768 \$889.55
ACARRE003	TARIFA DE ACARREO 1ER. KM.	m3	36,783.64502																	12.328767% 4534.969889 \$12,244.42	13.698630% 5038.855432 \$13,604.91
ACARRE004	TARIFA DE ACARREO KMS. SUBSECUENTES	M3-KM	815,125.46498																	12.328767% 100494.919335 \$200,989.84	13.698630% 111661.021483 \$223,322.04
Monto esta hoja: Acumulado:															\$21,992.45 \$11,364,899.41	\$36,486.72 \$20,021,775.19	\$40,396.01 \$30,418,942.86	\$39,092.92 \$37,408,842.59	\$254,430.86 \$42,824,331.53	\$276,909.42 \$46,120,571.87	
ACEITE	Aceite	lts	1,835.858765																	12.328767% 226.338750 \$800.59	13.698630% 251.487500 \$889.55

REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO

000469



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
 Fin obra: 05/09/2023

Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
11.525343 \$212.07	11.525343 \$212.07	11.153557 \$205.23	11.525343 \$212.07	3.717850 \$68.38											110.792000 \$2,038.57
10.367893% 28224.798157 \$4,350,288.14	10.367893% 28224.798157 \$4,350,288.14	10.033445% 27314.321237 \$4,209,956.33	10.367893% 28224.798157 \$4,350,288.14	3.678930% 10015.251574 \$1,543,650.72											100.000000% 272232.730000 \$41,959,230.67
10.679631% 26588.279115 \$531,765.58	11.789371% 29351.116491 \$587,022.33	11.920470% 29677.503367 \$593,550.07	12.317819% 30666.752970 \$613,335.06	5.840228% 14539.980377 \$290,799.61	1.638188% 4078.473855 \$81,569.48	1.638188% 4078.473855 \$81,569.48	1.479654% 3683.782945 \$73,675.66	1.638188% 4078.473855 \$81,569.48	1.109740% 2762.837376 \$55,256.73						100.000000% 248962.529223 \$4,979,250.58
13.135593% 29630.030033 \$4,888,954.96	13.135593% 29630.030033 \$4,888,954.96	12.711864% 28674.222176 \$4,731,246.66	13.135593% 29630.030033 \$4,888,954.96	5.508477% 12425.502141 \$2,050,207.84											100.000000% 225570.555000 \$37,219,141.58
12.601626% 41542.756552 \$6,023,699.70	12.601626% 41542.756552 \$6,023,699.70	12.195122% 40202.667844 \$5,829,386.84	12.601626% 41542.756552 \$6,023,699.70	4.878049% 16081.067797 \$2,331,754.83											100.000000% 329661.875000 \$47,800,971.88
10.402685% 22.969128 \$3,789.91	10.402685% 22.969128 \$3,789.91	10.067114% 22.228188 \$3,667.65	10.402685% 22.969128 \$3,789.91	3.355703% 7.409392 \$1,222.53											100.000000% 220.800000 \$36,432.00
	8.267717% 20721.280318 \$7,252,448.11	11.811024% 29601.828309 \$10,360,639.91	12.204724% 29601.828309 \$10,360,639.91	11.811024% 29601.828309 \$10,360,639.91	12.204724% 30588.553915 \$10,705,993.87	12.204724% 30588.553915 \$10,705,993.87	11.023622% 27628.372086 \$9,669,930.23	12.204724% 30588.553915 \$10,705,993.87	8.267717% 20721.280318 \$7,252,448.11						100.000000% 250628.805000 \$87,720,081.75
17.514124% 31583.375335 \$2,684,586.90	17.514124% 31583.375335 \$2,684,586.90	16.949153% 30564.558113 \$2,597,987.44	17.514124% 31583.375335 \$2,684,586.90	5.649717% 10188.184836 \$965,995.72											100.000000% 180330.888000 \$15,328,125.48
10.367893% 28224.798157 \$3,810,347.75	10.367893% 28224.798157 \$3,810,347.75	10.033445% 27314.321237 \$3,687,433.37	10.367893% 28224.798157 \$3,810,347.75	3.678930% 10015.251574 \$1,352,058.96											100.000000% 272232.730000 \$36,751,418.55
\$22,293,645.01 \$47,371,784.07	\$29,601,349.87 \$74,883,283.61	\$32,014,073.50 \$85,145,803.73	\$33,081,208.36 \$87,983,994.06	\$18,796,398.50 \$56,009,762.33	\$10,787,563.35 \$40,612,209.98	\$10,787,563.35 \$40,612,209.98	\$9,743,605.89 \$36,681,997.19	\$10,787,563.35 \$40,612,209.98	\$7,307,704.84 \$27,511,499.57						\$271,796,691.06 \$724,914,809.57
	8.267717% 19734.552684 \$1,850,903.70	11.811024% 28192.217438 \$2,644,148.07	12.204724% 29131.956109 \$2,732,286.16	11.811024% 28192.217438 \$2,644,148.07	12.204724% 29131.956109 \$2,732,286.16	12.204724% 29131.956109 \$2,732,286.16	11.023622% 26312.735320 \$2,467,871.45	12.204724% 29131.956109 \$2,732,286.16	8.267717% 19734.552684 \$1,850,903.71						100.000000% 238694.100000 \$22,387,119.64
10.402685% 3814.591040 \$38,145.91	10.402685% 3814.591040 \$38,145.91	10.067114% 3691.539526 \$36,915.40	10.402685% 3814.591040 \$38,145.91	2.688662% 985.913261 \$9,859.12											100.000000% 36669.292971 \$366,692.93
10.402685% 8.571812 \$2,250.10	10.402685% 8.571812 \$2,250.10	10.067114% 8.295302 \$2,177.52	10.402685% 8.571812 \$2,250.10	3.355703% 2.765099 \$725.83											100.000000% 82.400000 \$21,630.00
	8.267717% 19734.552684 \$7,773,440.30	11.811024% 28192.217438 \$11,104,914.45	12.204724% 29131.956109 \$11,475,077.51	11.811024% 28192.217438 \$11,104,914.45	12.204724% 29131.956109 \$11,475,077.51	12.204724% 29131.956109 \$11,475,077.51	11.023622% 26312.735320 \$10,364,586.44	12.204724% 29131.956109 \$11,475,077.51	8.267717% 19734.552684 \$7,773,440.31						100.000000% 238694.100000 \$94,021,605.99
\$42,962,631.96	\$80,098,475.50	\$94,627,944.83	\$97,782,205.62	\$68,519,394.49	\$54,819,573.65	\$54,819,573.65	\$49,514,455.08	\$54,819,573.65	\$37,135,843.59						
\$206,588,082.73	\$286,686,558.23	\$381,314,503.06	\$479,096,708.68	\$547,616,103.17	\$602,435,676.82	\$657,255,250.47	\$706,769,705.55	\$761,589,279.20	\$798,725,122.79	\$798,725,122.79	\$798,725,122.79	\$798,725,122.79	\$798,725,122.79	\$798,725,122.79	\$798,725,122.79
5.38%	10.03%	11.85%	12.24%	8.58%	6.86%	6.86%	6.20%	6.86%	4.65%						
25.86%	35.89%	47.74%	59.98%	68.56%	75.42%	82.29%	88.49%	95.35%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
14.155251% 48.945661 \$919.20	14.155251% 48.945661 \$919.20	13.698630% 47.366768 \$889.55	14.155251% 48.945661 \$919.20	13.698630% 47.366768 \$889.55	4.109590% 14.210034 \$266.86										100.000000% 345.777413 \$6,493.70
14.155251% 5206.817280 \$14,058.41	14.155251% 5206.817280 \$14,058.41	13.698630% 5038.855432 \$13,604.91	14.155251% 5206.817280 \$14,058.41	13.698630% 5038.855432 \$13,604.91	4.109590% 1511.656997 \$4,081.46										100.000000% 36783.645020 \$99,315.84
14.155251% 115383.055533 \$230,766.11	14.155251% 115383.055533 \$230,766.11	13.698630% 111661.021483 \$223,322.04	14.155251% 115383.055533 \$230,766.11	13.698630% 111661.021483 \$223,322.04	4.109590% 33498.314596 \$66,996.64										100.000000% 815125.464980 \$1,630,250.93
\$286,139.73 \$47,657,923.80	\$9,910,483.73 \$84,793,767.34	\$14,025,971.94 \$99,171,775.67	\$14,493,503.40 \$102,477,497.46	\$13,997,463.97 \$70,007,226.30	\$14,278,708.63 \$54,890,918.61	\$14,207,363.67 \$54,819,573.65	\$12,832,457.89 \$49,514,455.08	\$14,207,363.67 \$54,819,573.65	\$9,624,344.02 \$37,135,843.59						\$118,533,109.03 \$843,447,918.60
14.155251% 259.870416	14.155251% 259.870416	13.698630% 251.487500	14.155251% 259.870416	13.698630% 251.487500	4.109590% 75.446268										100.000000% 1835.858765

REPRESENTANTE COMUN. ING. HÉCTOR RAUL FUERTA AVENDAÑO

000470

México Proyectos y Desarrollos S.A. de C.V., México Compañía Constructora S.A. de C.V., Acciona Infraestructuras México S.A. de C.V. y Acciona Construcción S.A.



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

Table with columns: No., Descripción, Unidad, Cantidad, 05/02/2021, 01/03/2021, 01/04/2021, 01/05/2021, 01/06/2021, 01/07/2021, 01/08/2021, 01/09/2021, 01/10/2021, 01/11/2021, 01/12/2021, 01/01/2022, 01/02/2022, 01/03/2022, 01/04/2022, 01/05/2022, 01/06/2022. Rows include materials like ACERO, DIESEL, LLANTAS, ALAMBRE, CONCRETO, GEOTEXTIL, REGALIA, MAT-GRANULAR, PVC, and GASOLINA.

REPRESENTANTE COM. ING. HÉCTOR RAÚL HUERTA AVENDAÑO



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
 Fin obra: 05/09/2023

Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
\$17,671.19	\$17,671.19	\$17,101.15	\$17,671.19	\$17,101.15	\$5,130.34										\$124,838.40
14.155251%	14.155251%	13.698630%	14.155251%	13.698630%	4.109590%										100.000000%
17954.877936	17954.877936	17375.688325	17954.877936	17375.688325	\$212,707766										126842.526041
\$284,584.82	\$284,584.82	\$275,404.66	\$284,584.82	\$275,404.66	\$82,621.41										\$2,010,454.04
14.155251%	14.155251%	13.698630%	14.155251%	13.698630%	4.109590%										100.000000%
8879.098742	8879.098742	8592.676202	8879.098742	8592.676202	2577.803488										62726.536900
\$171,366.61	\$171,366.61	\$165,838.65	\$171,366.61	\$165,838.65	\$49,751.59										\$1,210,622.16
14.155251%	14.155251%	13.698630%	14.155251%	13.698630%	4.109589%										100.000000%
0.096824	0.096824	0.093701	0.096824	0.093701	0.028110										0.684016
\$2,456.13	\$2,456.13	\$2,376.90	\$2,456.13	\$2,376.90	\$713.07										\$17,351.37
14.155251%	14.155251%	13.698630%	14.155251%	13.698630%	4.109590%										100.000000%
0.319389	0.319389	0.309086	0.319389	0.309086	0.092726										2.256327
\$8,828.16	\$8,828.16	\$8,543.38	\$8,828.16	\$8,543.38	\$2,563.01										\$62,366.67
14.155582%	14.155582%	13.698999%	14.155582%	13.698999%	4.107757%										100.000000%
0.000189	0.000189	0.000183	0.000189	0.000183	0.000055										0.001338
\$4.17	\$4.17	\$4.03	\$4.17	\$4.03	\$1.21										\$29.44
14.155251%	14.155251%	13.698630%	14.155251%	13.698630%	4.109590%										100.000000%
501.066361	501.066361	484.902930	501.066361	484.902930	145.470914										3539.791424
\$8,818.77	\$8,818.77	\$8,534.29	\$8,818.77	\$8,534.29	\$2,560.29										\$62,300.33
14.155251%	14.155251%	13.698630%	14.155251%	13.698630%	4.109590%										100.000000%
82.508889	82.508889	79.847312	82.508889	79.847312	23.954199										582.885380
\$94,752.38	\$94,752.38	\$91,695.85	\$94,752.38	\$91,695.85	\$27,508.78										\$669,379.74
14.155251%	14.155251%	13.698630%	14.155251%	13.698630%	4.109590%										100.000000%
11856.297175	11856.297175	11473.835976	11856.297175	11473.835976	3442.151630										83759.003460
\$218,155.87	\$218,155.87	\$211,118.58	\$218,155.87	\$211,118.58	\$63,335.59										\$1,541,165.66
\$806,638.10	\$806,638.10	\$780,617.49	\$806,638.10	\$780,617.49	\$234,185.29										\$5,698,507.81
\$48,464,561.90	\$85,600,405.44	\$99,952,393.16	\$103,284,135.56	\$70,787,843.79	\$55,125,103.90	\$54,819,573.65	\$49,514,455.08	\$54,819,573.65	\$37,135,843.59						\$849,146,426.41
14.155251%	14.155251%	13.698630%	14.155251%	13.698630%	4.109590%										100.000000%
15.154081	15.154081	14.665240	15.154081	14.665240	4.399573										107.056250
\$303.08	\$303.08	\$293.31	\$303.08	\$293.31	\$87.99										\$2,141.13
14.155251%	14.155251%	13.698630%	14.155251%	13.698630%	4.109590%										100.000000%
2350.503889	2350.503889	2274.681183	2350.503889	2274.681183	682.404521										16605.172800
\$387,833.14	\$387,833.14	\$375,322.39	\$387,833.14	\$375,322.39	\$112,596.76										\$2,739,853.51
14.155251%	14.155251%	13.698630%	14.155251%	13.698630%	4.109590%										100.000000%
2856.313391	2856.313391	2764.174249	2856.313391	2764.174249	829.252477										20178.472220
\$28,563.13	\$28,563.13	\$27,641.74	\$28,563.13	\$27,641.74	\$8,292.54										\$201,784.72
14.155251%	14.155251%	13.698630%	14.155251%	13.698630%	4.109590%										100.000000%
8535.616353	8535.616353	8260.273890	8535.616353	8260.273890	2478.082770										60300.000000
\$2,133,904.09	\$2,133,904.09	\$2,065,068.47	\$2,133,904.09	\$2,065,068.47	\$619,520.69										\$15,075,000.00
\$3,602,985.26	\$3,602,985.26	\$3,486,759.90	\$3,602,985.26	\$3,486,759.90	\$1,046,028.23										
\$10,227,829.09	\$13,830,814.35	\$17,317,574.25	\$20,920,559.51	\$24,407,319.41	\$25,453,347.64	\$25,453,347.64	\$25,453,347.64	\$25,453,347.64	\$25,453,347.64	\$25,453,347.64	\$25,453,347.64	\$25,453,347.64	\$25,453,347.64	\$25,453,347.64	
14.16%	14.16%	13.70%	14.16%	13.70%	4.11%										
40.18%	54.34%	68.04%	82.19%	95.89%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
13.839286%	13.839286%	0.446428%													100.000000%
258.891606	258.891606	8.351331													1870.700600
\$34,463.65	\$34,463.65	\$1,111.72													\$249,027.66
13.839286%	13.839286%	0.446428%													100.000000%
11.594446	11.594446	0.374014													83.779224
\$651.61	\$651.61	\$21.00													\$4,708.39
13.839286%	13.839286%	0.446428%													100.000000%
7917.957531	7917.957531	255.417653													57213.627429
\$148,699.24	\$148,699.24	\$4,796.75													\$1,074,471.92
\$2,734,417.94	\$2,734,417.94	\$2,474,255.38	\$2,550,603.44	\$2,468,325.91	\$740,497.98										\$19,346,987.33
\$51,198,979.84	\$88,334,823.38	\$102,426,648.54	\$105,834,739.00	\$73,256,169.70	\$55,865,601.88	\$54,819,573.65	\$49,514,455.08	\$54,819,573.65	\$37,135,843.59						\$868,493,413.74
13.839286%	13.839286%	0.446428%													100.000000%
1294.458031	1294.458031	41.756656													9353.503000
		\$628.46													\$140,770.22

REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO

000472



Licitación No: LO-021W3N003-E325-2020
Obra: ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE.
Lugar: Ciudad de México.

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

Table with columns: No., Descripción, Unidad, Cantidad, and monthly dates from 05/02/2021 to 01/06/2022. It lists various materials like Manija para molde, Hidropraimer, Vaportite, etc., with their respective quantities and monthly payment schedules.

REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO

000473



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
 Fin obra: 05/09/2023

Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
13.839286%	13.839286%	0.446428%													100.000000%
212.626790	212.626790	6.858920													1536.400000
\$186,322.73	\$186,322.73	\$6,010.41													\$1,346,331.96
13.839286%	13.839286%	0.446428%													100.000000%
2311.160762	2311.160762	74.553476													16700.000000
\$143,661.75	\$143,661.75	\$4,634.25													\$1,038,072.00
13.839286%	13.839286%	0.446428%													100.000000%
23111.607620	23111.607620	745.534760													167000.000000
\$1,559,802.40	\$1,559,802.40	\$50,316.14													\$11,270,830.00
13.839286%	13.839286%	0.446428%													100.000000%
12711.384191	12711.384191	410.044118													91850.000000
\$102,580.87	\$102,580.87	\$3,309.05													\$741,229.50
13.839286%	13.839286%	0.446428%													100.000000%
3813.415257	3813.415257	123.013235													27555.000000
\$370,549.56	\$370,549.56	\$11,953.19													\$2,677,519.35
13.839286%	13.839286%	0.446429%													100.000000%
0.438368	0.438368	0.014141													3.167563
\$109.59	\$109.59	\$3.53													\$791.89
13.839286%	13.839286%	0.446428%													100.000000%
29940.502745	29940.502745	965.821413													216344.273430
\$80,839.36	\$80,839.36	\$2,607.72													\$584,129.54
13.839286%	13.839286%	0.446428%													100.000000%
568869.552148	568869.552148	18350.606847													4110541.195178
\$1,137,739.10	\$1,137,739.10	\$36,701.23													\$8,221,082.39
\$3,601,086.95	\$3,601,086.95	\$116,163.98													\$26,020,756.85
\$54,800,066.79	\$91,935,910.33	\$102,542,812.52	\$105,834,739.00	\$73,256,169.70	\$55,865,601.88	\$54,819,573.65	\$49,514,455.08	\$54,819,573.65	\$37,135,843.59						\$894,514,170.59
13.839286%	13.839286%	0.446428%													100.000000%
10527.259054	10527.259054	339.588560													76067.934823
\$715,853.62	\$715,853.62	\$23,092.01													\$5,172,619.57
13.839286%	13.839286%	0.446428%													100.000000%
2718361.865496	2718361.865496	87688.978383													19642356.300000
\$43,086,035.57	\$43,086,035.57	\$1,389,870.30													\$311,331,347.36
13.839286%	13.839286%	0.446428%													100.000000%
2477.564337	2477.564337	79.921326													17902.400000
\$6,937,180.14	\$6,937,180.14	\$223,779.72													\$50,126,720.00
13.839286%	13.839286%	0.446428%													100.000000%
46.223215	46.223215	1.491070													334.000000
\$23,687.09	\$23,687.09	\$764.08													\$171,158.30
13.839286%	13.839286%	0.446428%													100.000000%
6203.155485	6203.155485	200.101530													44822.800000
\$7,735,334.89	\$7,735,334.89	\$249,526.62													\$55,894,031.60
13.839286%	13.839286%	0.446428%													100.000000%
311034.281015	311034.281015	10033.350854													2247473.468032
\$6,002,961.62	\$6,002,961.62	\$193,643.68													\$43,376,237.93
13.839286%	13.839286%	0.446428%													100.000000%
46.223215	46.223215	1.491070													334.000000
\$10,169.11	\$10,169.11	\$328.03													\$73,480.00
13.839286%	13.839286%	0.446428%													100.000000%
0.754520	0.754520	0.024339													5.452017
\$19,139.84	\$19,139.84	\$617.41													\$138,300.77
13.839286%	13.839286%	0.446428%													100.000000%
2.149208	2.149208	0.069329													15.529763
\$59,405.84	\$59,405.84	\$1,916.30													\$429,255.08
\$64,589,767.72	\$64,589,767.72	\$2,083,538.15													\$466,713,150.61
\$119,389,834.51	\$156,525,678.05	\$104,626,350.67	\$105,834,739.00	\$73,256,169.70	\$55,865,601.88	\$54,819,573.65	\$49,514,455.08	\$54,819,573.65	\$37,135,843.59						\$1,361,227,321.20
13.839286%	13.839286%	0.446428%													100.000000%
0.110936	0.110936	0.003579													0.801600
\$2,440.59	\$2,440.59	\$78.71													\$17,635.20

REPRESENTANTE COMUN: ING. HECTOR RAÚL HUERTA AVENDAÑO

000474

México Proyectos y Desarrollos S.A. de C.V., México Compañía Constructora S.A. de C.V., Acciona Infraestructuras México S.A. de C.V. y Acciona Construcción S.A.



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

Table with columns: No., Descripción, Unidad, Cantidad, and monthly payment periods from 05/02/2021 to 01/06/2022. Includes sub-totals for 'Monto esta hoja: Acumulado:' and a large blue signature at the bottom.

REPRESENTANTE COMUN. ING. HECTOR RAÚL HUERTA AVENDAÑO

000475



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
 Fin obra: 05/09/2023

Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
13.839286%	13.839286%	0.446428%													100.000000%
0.065759	0.065759	0.002121													0.475160
\$2,367.32	\$2,367.32	\$76.36													\$17,105.78
13.839287%	13.839287%	0.446429%													100.000000%
0.041527	0.041527	0.001340													0.300066
\$913.59	\$913.59	\$29.48													\$6,601.44
13.839285%	13.839285%	0.446430%													100.000000%
0.036979	0.036979	0.001193													0.267200
\$1,294.25	\$1,294.25	\$41.75													\$9,352.00
13.839237%	13.839237%	0.446666%													100.000000%
0.001364	0.001364	0.000044													0.009853
\$53.08	\$53.08	\$1.71													\$383.54
13.839284%	13.839284%	0.446427%													100.000000%
0.032892	0.032892	0.001061													0.237669
\$394.70	\$394.70	\$12.73													\$2,852.03
13.839286%	13.839286%	0.446428%													100.000000%
22880.491544	22880.491544	738.079412													165330.000000
\$399,035.77	\$399,035.77	\$12,872.11													\$2,883,355.20
13.839286%	13.839286%	0.446428%													100.000000%
82950.795373	82950.795373	2675.828628													599386.380000
\$1,459,934.00	\$1,459,934.00	\$47,094.57													\$10,549,200.29
13.839286%	13.839286%	0.446428%													100.000000%
9.275557	9.275557	0.299211													67.023379
\$1,113.07	\$1,113.07	\$35.90													\$8,042.81
\$1,867,546.37	\$1,867,546.37	\$60,243.32													\$13,494,528.29
\$121,257,380.88	\$158,393,224.42	\$104,686,593.99	\$105,834,739.00	\$73,256,169.70	\$55,865,601.88	\$54,819,573.65	\$49,514,455.08	\$54,819,573.65	\$37,135,843.59						\$1,374,721,849.49
13.839286%	13.839286%	0.446428%													100.000000%
5020.673193	5020.673193	161.956989													36278.412000
\$735,528.62	\$735,528.62	\$23,726.71													\$5,314,787.36
13.839286%	13.839286%	0.446428%													100.000000%
6868.307553	6868.307553	221.558020													49629.060000
\$96,087.62	\$96,087.62	\$3,099.60													\$694,310.55
13.839286%	13.839286%	0.446428%													100.000000%
16016.344081	16016.344081	516.655589													115731.000000
\$1,921,961.29	\$1,921,961.29	\$61,998.67													\$13,887,720.00
13.839286%	13.839286%	0.446428%													100.000000%
16016.344081	16016.344081	516.655589													115731.000000
\$21,980,029.80	\$21,980,029.80	\$709,032.30													\$158,823,437.85
13.839286%	13.839286%	0.446428%													100.000000%
40153.182615	40153.182615	1295.262271													290139.120000
\$307,171.85	\$307,171.85	\$9,908.75													\$2,219,564.27
13.839286%	13.839286%	0.446428%													100.000000%
5283.313502	5283.313502	170.429246													38176.200000
\$116,232.90	\$116,232.90	\$3,749.42													\$839,876.40
13.839286%	13.839286%	0.446428%													100.000000%
3322.154926	3322.154926	107.166149													24005.248000
\$66,443.10	\$66,443.10	\$2,143.32													\$480,104.96
13.839286%	13.839286%	0.446428%													100.000000%
212.626790	212.626790	6.858920													1536.400000
\$292,125.82	\$292,125.82	\$9,423.40													\$2,110,844.60
13.839287%	13.839287%	0.446426%													100.000000%
0.029583	0.029583	0.000954													0.213760
\$7,395.72	\$7,395.72	\$238.55													\$53,440.00
\$25,522,976.72	\$25,522,976.72	\$823,320.72													\$184,424,085.99
\$146,780,357.60	\$183,916,201.14	\$105,509,914.71	\$105,834,739.00	\$73,256,169.70	\$55,865,601.88	\$54,819,573.65	\$49,514,455.08	\$54,819,573.65	\$37,135,843.59						\$1,559,145,935.48
13.839286%	13.839286%	0.446428%													100.000000%
2773.392914	2773.392914	89.464171													20040.000000
\$3,458,420.96	\$3,458,420.96	\$111,561.84													\$24,989,880.00
13.839286%	13.839286%	0.446428%													100.000000%

México Proyectos y Desarrollos S.A. de C.V., México Compañía Constructora S.A. de C.V., Acciona Infraestructuras México S.A. de C.V. y Acciona Construcción S.A.



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022
															10624.048524	27043.034179	29940.502745	28974.679168	29940.502745	28974.679168
															\$106,240.49	\$270,430.34	\$299,405.03	\$289,746.79	\$299,405.03	\$289,746.79
TUBAC2	TUBERIA METALICA SIN COSTURA DE 4"	m	9,398.7600												4.910714%	12.500000%	13.839286%	13.392857%	13.839286%	13.392857%
															461.546223	1174.845000	1300.721277	1258.762487	1300.721277	1258.762487
															\$249,234.96	\$634,416.30	\$702,389.49	\$679,731.74	\$702,389.49	\$679,731.74
	TOTAL LOSAS PILOTADAS														\$35,563,851.58	\$90,526,172.88	\$100,225,407.74	\$96,992,327.02	\$100,225,407.74	\$96,992,327.02
	ACUMULADO LOSAS PILOTADAS														\$35,563,851.58	\$126,090,024.46	\$226,315,432.20	\$323,307,759.22	\$423,533,166.96	\$520,525,493.98
	PORCENTAJE PERIODO LOSAS PILOTADAS														4.91%	12.50%	13.84%	13.39%	13.84%	13.39%
	PORCENTAJE ACUMULADO LOSAS PILOTADAS														4.91%	17.41%	31.25%	44.64%	58.48%	71.88%
2	103215-1050	Electrodo 9018-b3 3/16" 20 kgs marca Infra	kg	216.71367																
	103215-2035	OXIGENO INDUSTRIAL INFRA CILINDRO DE m3 20 KG		8.668547																
	103247-1130	Gasolina Magna	lts	6,253.53078																
	125150-1040	Angulo acero A-36	kg	1,083.568348																
															\$1,582,656.99	\$4,028,581.64	\$4,460,215.48	\$4,316,337.42	\$4,460,215.48	\$4,316,337.42
															\$46,928,750.99	\$110,547,948.07	\$130,644,350.60	\$134,401,169.61	\$145,973,788.35	\$146,361,842.29
200115-9915	Cemento para PVC, 0.500 IL	PZA	11.8600																	
910205-1235	LLANTAS PARA SOLDADORA ELECTRICA DE JGO 300A MCA MILLER MOD AC-300		0.361189																	
ACARRE003	TARIFA DE ACARREO 1ER. KM.	m3	6,982.5000																	
ACARRE004	TARIFA DE ACARREO KMS. SUBSECUENTES	M3-KM	132,667.5000																	
ACEITE	Aceite	lts	4,604.370241																	
ACERO	Acero de refuerzo F'y= 4,200 kg/cm2	kg	2,275,493.530439																	
DIESEL	DIESEL	lts	81,789.126861																	
LLCAMVOLTEO	LLANTAS CAMION TIPO VOLTEO MCA JGO MERCEDES		0.594255																	
LLEQRETM01	LLANTAS DE RETRO CON CARGADOR MCA JGO CAT MOD 416		0.872813																	
															\$46,928,750.99	\$110,547,948.07	\$130,644,350.60	\$134,401,169.61	\$145,973,788.35	\$146,361,842.29
LLMOTOCONF	LLANTAS MOTONIVELADORA KOMATSU 12G, JGO		0.024706																	
LLPIPA	LLANTAS PIPA PARA AGUA	JGO	0.032184																	

REPRESENTANTE COMÚN: ING. HÉCTOR RAUL HUERTA AVENDAÑO



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
 Fin obra: 05/09/2023

Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
29940.502745	29940.502745	965.821413													216344.273430
\$299.405.03	\$299.405.03	\$9.658.20													\$2.163.442.73
13.839286%	13.839286%	0.446428%													100.000000%
1300.721277	1300.721277	41.958696													9398.760000
\$702.389.49	\$702.389.49	\$22.657.70													\$5.075.330.40
\$100,225,407.74	\$100,225,407.74	\$3,233,073.38													
\$620,750,901.72	\$720,976,309.46	\$724,209,382.84	\$724,209,382.84	\$724,209,382.84	\$724,209,382.84	\$724,209,382.84	\$724,209,382.84	\$724,209,382.84	\$724,209,382.84	\$724,209,382.84	\$724,209,382.84	\$724,209,382.84	\$724,209,382.84	\$724,209,382.84	\$724,209,382.84
13.84%	13.84%	0.45%													
85.71%	99.55%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
		1.903087%	30.532202%	34.354938%	33.209773%										100.000000%
		4.124250	66.167456	74.451847	71.970117										216.713670
		\$549.02	\$8.808.21	\$9.911.03	\$9.580.66										\$28.848.92
		1.903087%	30.532202%	34.354938%	33.209773%										100.000000%
		0.164970	2.646698	2.978074	2.878805										8.668547
		\$9.27	\$148.74	\$167.37	\$161.79										\$487.17
		2.206417%	30.654979%	34.138274%	33.000331%										100.000000%
		137.978963	1917.018520	2134.847460	2063.685838										6253.530780
		\$2.591.24	\$36.001.61	\$40.092.44	\$38.756.02										\$117.441.31
		1.903087%	30.532202%	34.354938%	33.209773%										100.000000%
		20.621250	330.837279	372.259234	359.850585										1083.568348
		\$310.35	\$4.979.10	\$5.602.50	\$5.415.75										\$16.307.70
\$4,460,215.48	\$4,460,215.48	\$147,337.62	\$49,937.66	\$55,773.34	\$53,914.22										\$32,391,738.23
\$151,240,573.08	\$188,376,416.62	\$105,657,252.33	\$105,884,676.66	\$73,311,943.04	\$55,919,516.10	\$54,819,573.65	\$49,514,455.08	\$54,819,573.65	\$37,135,843.59						\$1,591,537,673.71
		1.517707%	30.376215%	34.630210%	33.475869%										100.000000%
		0.180000	3.602619	4.107143	3.970238										11.860000
		\$24.12	\$482.75	\$550.36	\$532.01										\$1,589.24
		1.903087%	30.532201%	34.354938%	33.209774%										100.000000%
		0.006874	0.110279	0.124086	0.119950										0.361189
		\$1.72	\$27.57	\$31.02	\$29.99										\$90.30
		2.030075%	30.583602%	34.264232%	33.122090%										100.000000%
		141.750000	2135.500019	2392.500013	2312.749968										6982.500000
		\$382.73	\$5,765.85	\$6,459.75	\$6,244.42										\$18,852.75
		2.030075%	30.583602%	34.264232%	33.122090%										100.000000%
		2693.250000	40574.500357	45457.500256	43942.249387										132667.500000
		\$5,386.50	\$81,149.00	\$90,915.00	\$87,884.50										\$265,335.00
		2.456684%	30.756277%	33.959512%	32.827528%										100.000000%
		113.114810	1416.132865	1563.621659	1511.500908										4604.370241
		\$7,691.81	\$96,297.04	\$106,326.27	\$102,782.06										\$313,097.18
		1.903087%	30.532202%	34.354938%	33.209773%										100.000000%
		43304.625000	694758.285970	781744.390393	755686.229076										2275493.530439
		\$686.378.31	\$11,011,918.83	\$12,390,648.59	\$11,977,626.73										\$36,066,572.46
		3.214578%	31.063044%	33.418159%	32.304219%										100.000000%
		2629.175472	25406.192349	27332.420084	26421.338956										81789.126861
		\$50,743.09	\$490,339.51	\$527,515.71	\$509,931.84										\$1,578,530.15
		2.030075%	30.583602%	34.264232%	33.122091%										100.000000%
		0.012064	0.181745	0.203617	0.196830										0.594255
		\$306.02	\$4,610.30	\$5,165.13	\$4,992.97										\$15,074.42
		2.030075%	30.583602%	34.264232%	33.122091%										100.000000%
		0.017719	0.266938	0.299063	0.289094										0.872813
		\$489.76	\$7,378.37	\$8,266.33	\$7,990.78										\$24,125.24
\$151,240,573.08	\$188,376,416.62	\$751,404.06	\$11,697,969.22	\$13,135,878.16	\$12,698,015.30	\$54,819,573.65	\$49,514,455.08	\$54,819,573.65	\$37,135,843.59						\$38,283,266.74
		\$106,408,656.39	\$117,582,645.88	\$86,447,821.20	\$68,617,531.40										\$1,629,820,940.45
		1.774883%	30.480299%	34.446524%	33.298294%										100.000000%
		0.000439	0.007530	0.008510	0.008227										0.024706
		\$15.79	\$271.09	\$306.37	\$296.16										\$889.41
		2.406249%	30.735838%	33.995563%	32.862350%										100.000000%
		0.000774	0.009892	0.010941	0.010576										0.032184

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REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO

México Proyectos y Desarrollos S.A. de C.V., México Compañía Constructora S.A. de C.V., Acciona Infraestructuras México S.A. de C.V. y Acciona Construcción S.A.



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022
LLVIBROCOM	LLANTAS VIBRO CS563	JGO	0.012353																	
MAAD0023	CURACONSA ROJO	lts	11,768.289144																	
MAALAMREC	Alambre Recocido No. 18	kg	74,485.96087																	
MACETILENO	ACETILENO	kg	6.934837																	
MACIMBR009	Triplay de pino de 16 mm. nacional (1 cara)	m2	14,207.7900																	
MACLAVO	CLAVO DE 2 1/2" A 3 1/2"	kg	12,313.4180																	
MACON00007	BOMBEO DE CONCRETO	m3	16,916.5920																	
			Monto esta hoja:																	
			Acumulado:												\$46,928,750.99	\$110,547,948.07	\$130,644,350.60	\$134,401,169.61	\$145,973,788.35	\$146,361,842.29
MACON00008	CONCRETO PREMEZCLADO ESTRUCTURAL m3 CLASE 1 f _c = 300 kg/cm ² , RESISTENCIA NORMAL BOMBEABLE	m3	14,005.9920																	
MACON150	CONCRETO PREMEZCLADO f _c = 150 kg/cm ² , m3 RESISTENCIA NORMAL	m3	1,612.9470																	
MACON250BOM	CONCRETO PREMEZCLADO ESTRUCTURAL m3 CLASE 1 f _c = 250 kg/cm ² , RESISTENCIA NORMAL BOMBEABLE	m3	2,910.6000																	
MADERACIMB01	MADERA PARA CIMBRA	PT	71,986.1360																	
MADESENC001	DESENCOFRANTE	lts	9,471.8600																	
MAGEOT350	GEOTEXTIL PET NT 300 G/M2-TNRROLLO DE 4.00 X 100	m2	9,225.2600																	
MAMEM-HDPE	Geomembrana HDPE 1.5 mm	m2	9,225.2600																	
MAREGALAGUA	REGALIA POR EXTRACCION DE AGUA	m3	2,574.6962																	
MAT-LAMDR	LAMINA DRENANTE FIJADA EN TRASDOS DE MUROS Y ESTRIBOS DE GEOTEXTIL	m2	9,225.2600																	
			Monto esta hoja:																	
			Acumulado:												\$46,928,750.99	\$110,547,948.07	\$130,644,350.60	\$134,401,169.61	\$145,973,788.35	\$146,361,842.29
MAT-PERREM	PERFIL DE REMATE ONDULINE	m	2,515.9800																	
MAT-ROSTLA	ROSETA FONDALINE	PZA	16,773.2000																	

REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO



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Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
		\$17.04	\$217.62	\$240.70	\$232.68										\$708.04
		1.774883%	30.480218%	34.446564%	33.298335%										100.000000%
		0.000219	0.003765	0.004255	0.004113										0.012353
		\$2.63	\$45.18	\$51.06	\$49.37										\$148.24
		3.746732%	31.278439%	33.038049%	31.936780%										100.000000%
		440.926197	3680.937169	3888.013138	3758.412639										11768.289144
		\$7.689.75	\$64.195.54	\$67.806.95	\$65.546.72										\$205,238.96
		1.936694%	30.545805%	34.330933%	33.186568%										100.000000%
		1442.565000	22752.336292	25571.725457	24719.334121										74485.960870
		\$25.389.14	\$400.441.12	\$450.062.37	\$435.060.28										\$1,310,952.91
		1.903087%	30.532202%	34.354938%	33.209773%										100.000000%
		0.131976	2.117359	2.382459	2.303044										6.934837
		\$15.84	\$254.08	\$285.89	\$276.37										\$832.18
		2.167367%	30.639173%	34.166166%	33.027294%										100.000000%
		307.935000	4353.149324	4854.257169	4692.448506										14207.790000
		\$45,112.48	\$637,736.38	\$711,148.68	\$687,443.70										\$2,081,441.24
		2.167367%	30.639173%	34.166166%	33.027294%										100.000000%
		266.877000	3772.729414	4207.022880	4066.788706										12313.418000
		\$3,733.61	\$52,780.49	\$58,856.25	\$56,894.37										\$172,264.72
		3.045055%	30.994427%	33.539247%	32.421271%										100.000000%
		515.119500	5243.200798	5673.697525	5484.574177										16916.592000
		\$61,814.34	\$629,184.10	\$680,843.70	\$658,148.90										\$2,029,991.04
\$151,240,573.08	\$188,376,416.62	\$143,790.62	\$1,785,125.60	\$1,969,601.97	\$1,903,948.55										\$5,802,466.74
		\$106,552,447.01	\$119,367,771.48	\$88,417,423.17	\$70,521,479.95	\$54,819,573.65	\$49,514,455.08	\$54,819,573.65	\$37,135,843.59						\$1,635,623,407.19
		2.379032%	30.724846%	34.014977%	32.881144%										100.000000%
		333.207000	4303.319538	4764.135025	4605.330437										14005.992000
		\$457,276.63	\$5,905,660.57	\$6,538,060.70	\$6,320,125.22										\$19,221,123.12
		1.025297%	30.176906%	34.981931%	33.815866%										100.000000%
		16.537500	486.737504	564.240004	545.431992										1612.947000
		\$17,689.01	\$520,629.04	\$603,528.04	\$583,410.41										\$1,725,256.50
		6.250000%	32.291667%	31.250000%	30.208333%										100.000000%
		181.912500	939.881260	909.562500	879.243740										2910.600000
		\$230,437.66	\$1,190,594.59	\$1,152,188.30	\$1,113,782.00										\$3,687,002.55
		2.167367%	30.639173%	34.166166%	33.027294%										100.000000%
		1560.204000	22055.956576	24594.902991	23775.072432										71986.136000
		\$11,935.56	\$168,728.07	\$188,151.01	\$181,879.30										\$550,693.94
		2.167367%	30.639173%	34.166166%	33.027294%										100.000000%
		205.290000	2902.099549	3236.171446	3128.299004										9471.860000
		\$4,516.38	\$63,846.19	\$71,195.77	\$68,822.58										\$208,380.92
		2.167744%	30.639325%	34.165897%	33.027034%										100.000000%
		199.980000	2826.557406	3151.892874	3046.829720										9225.260000
		\$3,679.63	\$52,008.66	\$57,994.83	\$56,061.66										\$169,744.78
		2.167744%	30.639325%	34.165897%	33.027034%										100.000000%
		199.980000	2826.557406	3151.892874	3046.829720										9225.260000
		\$24,437.56	\$345,405.31	\$385,161.31	\$372,322.59										\$1,127,326.77
		2.406237%	30.735858%	33.995545%	32.862360%										100.000000%
		61.953300	791.354974	875.282005	846.105922										2574.696200
		\$1,239.07	\$15,827.10	\$17,505.64	\$16,922.11										\$51,493.92
		2.167744%	30.639325%	34.165897%	33.027034%										100.000000%
		199.980000	2826.557406	3151.892874	3046.829720										9225.260000
		\$8,999.10	\$127,195.08	\$141,835.18	\$137,107.34										\$415,136.70
\$151,240,573.08	\$188,376,416.62	\$760,210.60	\$8,389,894.61	\$9,155,620.78	\$8,850,433.21										\$27,156,159.20
		\$107,312,657.61	\$127,757,666.09	\$97,573,043.95	\$79,371,913.16	\$54,819,573.65	\$49,514,455.08	\$54,819,573.65	\$37,135,843.59						\$1,662,779,566.39
		2.167744%	30.639325%	34.165897%	33.027034%										100.000000%
		54.540000	770.879293	859.607148	830.953560										2515.980000
		\$2,793.54	\$39,484.44	\$44,029.08	\$42,561.44										\$128,868.50
		2.167744%	30.639325%	34.165897%	33.027034%										100.000000%
		363.600000	5139.195284	5730.714317	5539.690399										16773.200000
		\$199.98	\$2,826.56	\$3,151.89	\$3,046.83										\$9,225.26

REPRESENTANTE COMUN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO

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Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022	
REGDESP	REGALIA BANCO DE TIRO	m3	6,982.5000																		
TUBOPVCS-200	Tubería colector de PVC de 20 cm de diámetro ml y 2/8 pulgadas de espesor.		1,245.3000																		
3	TOTAL MUROS ACUMULADO MUROS PORCENTAJE PERIODO MUROS PORCENTAJE ACUMULADO MUROS PASOS DE FAUNA (PF) 103205-1070 Thiner estandard comex	lts	24,891.716																		14,285.714%
																					3,559.959
																					\$63.87
103215-1105	SOLDADURA ELECTRODO SERIE E-60	kg	2,514.27843																		14,285.714%
																					359,182.626
																					\$13,828.53
103215-2035	OXIGENO INDUSTRIAL INFRA CILINDRO DE m3 20 KG		46.6137																		14,285.714%
																					6,659.100
																					\$374.24
103247-1130	Gasolina Magna	lts	6,344.528937																		14,326.321%
																					908,937.669
																					\$17,069.85
																					0,284.247%
																					18,034.121
																					\$338.68
																					\$5,249.55
																					\$5,080.21
																					\$5,249.55
																					\$31,336.49
																					\$146,393,178.78
																					0,699.792%
200115-9915	Cemento para PVC, 0.500 lt.	PZA	16.8424																		14,385.685%
																					2,422.895
																					\$324.67
300147-1100	Manija para molde cat. L-160	PZA	10.0000																		14,285.714%
																					1,428.571
																					\$1,251.84
720100-1000	Tierra vegetal	m3	3,585.2544																		14,285.714%
																					512,179.190
																					\$74,265.98
910205-1235	LLANTAS PARA SOLDADORA ELECTRICA DE JGO 300A MCA MILLER MOD AC-300		0.262021																		14,285.715%
																					0,037.432
																					\$9.36
ACARRE001	TARIFA DE ACARREO 1ER. KM.	m3	3,198.46104																		14,365.729%
																					459,482.243
																					\$1,240.60
ACARRE001.1	TARIFA DE ACARREO P/MEZCLA ASFALT 1ER m3 KM		328.43304																		14,401.294%
																					47,298.609
																					\$614.88
ACARRE002	TARIFA DE ACARREO KMS. SUBSECUENTES M3-KM		45,521.1900																		14,368.008%
																					6540,852.461
																					\$13,081.70
ACARRE002.1	TARIFA DE ACARREO P/MEZCLA ASFALT KM M3-KM SUB		1,313.73216																		14,401.294%
																					189,194.434
																					\$1,986.54
ACARRE003	TARIFA DE ACARREO 1ER. KM.	m3	12,221.3410																		14,338.218%
																					1752,322.605
																					\$4,731.27
																					0,861.12
																					\$13,347.67
																					\$12,917.09
																					\$13,347.67
																					\$97,506.84
																					\$146,490,685.82
ACARRE004	TARIFA DE ACARREO KMS. SUBSECUENTES M3-KM		316,167.2660																		0,369.372%
																					1167,833.135
																					\$2,335.67
																					\$36,202.82
																					\$35,034.99
																					\$36,202.82
																					\$90,667.17
ACEITE	Aceite	lts	5,926.949285																		0,119.772%
																					7,098.633
																					\$110,031.896
																					\$106,482.479
																					\$110,031.896
																					\$7,482.17
																					\$57,645.04

REPRESENTANTE COMUN. ING. HÉCTOR RAÚL HUERTA AVENDAÑO

000481



Fecha: 15/01/2021
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Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
		2.030075%	30.583602%	34.264232%	33.122090%										100.000000%
		141.750000	2135.500019	2392.500013	2312.749968										6982.500000
		\$1.417.50	\$21.365.00	\$23.925.00	\$23.127.50										\$69.825.00
		1.517707%	30.376215%	34.630210%	33.475869%										100.000000%
		18.900000	378.275003	431.250003	416.874994										1245.300000
		\$3.753.54	\$75.125.42	\$85.646.25	\$82.791.37										\$247.316.58
		\$1,667,029.72	\$22,061,718.51	\$24,473,626.47	\$23,657,838.42										
		\$1,667,029.72	\$23,728,748.23	\$48,202,374.70	\$71,860,213.12	\$71,860,213.12	\$71,860,213.12	\$71,860,213.12	\$71,860,213.12	\$71,860,213.12	\$71,860,213.12	\$71,860,213.12	\$71,860,213.12	\$71,860,213.12	\$71,860,213.12
		2.32%	30.70%	34.06%	32.92%										
		2.32%	33.02%	67.08%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
31.632653%	31.632653%	22.448980%													100.000000%
7.873910	7.873910	5.587936													24.891716
\$141.42	\$141.42	\$100.35													\$447.06
31.632653%	31.632653%	22.448980%													100.000000%
795.332971	795.332971	564.429862													2514.276430
\$30.620.32	\$30.620.32	\$21.730.55													\$96.799.72
31.632653%	31.632653%	22.448980%													100.000000%
14.745150	14.745150	10.464300													46.613700
\$828.68	\$828.68	\$588.09													\$2.619.69
26.687339%	26.687339%	18.939402%													100.000000%
1693.185961	1693.185961	1201.615868													6344.528937
\$31.798.03	\$31.798.03	\$22.566.35													\$119.150.25
\$63,388.45	\$63,388.45	\$53,149.90	\$138,791.42	\$156,752.22	\$151,527.14										\$674,252.06
\$151,303,961.53	\$188,439,805.07	\$107,365,807.51	\$127,896,457.51	\$97,729,796.17	\$79,523,440.30	\$54,819,573.65	\$49,514,455.08	\$54,819,573.65	\$37,135,843.59						\$1,663,453,818.45
19.457695%	19.457695%	13.808687%													100.000000%
3.277143	3.277143	2.325714													16.842400
\$439.14	\$439.14	\$311.64													\$2,256.88
31.632653%	31.632653%	22.448980%													100.000000%
3.163265	3.163265	2.244898													10.000000
\$2.771.94	\$2.771.94	\$1.967.18													\$8,762.90
31.632653%	31.632653%	22.448980%													100.000000%
1134.111084	1134.111084	804.853043													3585.254400
\$164.446.11	\$164.446.11	\$116,703.69													\$519,861.89
31.632651%	31.632651%	22.448983%													100.000000%
0.082884	0.082884	0.058821													0.262021
\$20.72	\$20.72	\$14.71													\$65.51
21.888005%	21.888005%	15.533424%													100.000000%
700.079325	700.079325	496.830499													3198.461040
\$1.890.21	\$1.890.21	\$1,341.45													\$8,635.84
17.556668%	17.556668%	12.459571%													100.000000%
57.661898	57.661898	40.921348													328.433040
\$749.60	\$749.60	\$531.99													\$4,269.63
21.513001%	21.513001%	15.267291%													100.000000%
9792.974001	9792.974001	6949.852657													45521.190000
\$19,585.95	\$19,585.95	\$13,899.71													\$91,042.38
17.556668%	17.556668%	12.459571%													100.000000%
230.647591	230.647591	163.685391													1313.732160
\$2,421.80	\$2,421.80	\$1,718.70													\$13,794.19
25.238444%	25.238444%	17.911154%													100.000000%
3084.476270	3084.476270	2188.983203													12221.341000
\$8,328.09	\$8,328.09	\$5,910.26													\$32,997.62
\$200,653.56	\$200,653.56	\$142,399.33	\$127,896,457.51	\$97,729,796.17	\$79,523,440.30	\$54,819,573.65	\$49,514,455.08	\$54,819,573.65	\$37,135,843.59						\$681,686.84
\$151,504,615.09	\$188,640,458.63	\$107,508,206.84													\$1,664,135,505.29
25.206336%	25.206336%	17.888368%													100.000000%
79694.183009	79694.183009	56557.163273													316167.266000
\$159,388.37	\$159,388.37	\$113,114.32													\$632,334.53
29.548863%	29.548863%	20.970161%													100.000000%
1751.346111	1751.346111	1242.890814													5926.949285
\$119,091.54	\$119,091.54	\$84,516.56													\$403,032.55

REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO



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27.849494%	27.849494%	19.764158%													100.000000%
525024.301917	525024.301917	372597.899178													1885220.222981
\$8,321,635.18	\$8,321,635.18	\$5,905,676.71													\$29,880,740.53
31.632653%	31.632653%	22.448980%													100.000000%
1179.265304	1179.265304	836.897974													3728.000000
\$928,683.22	\$928,683.22	\$650,065.52													\$2,935,837.28
17.556668%	17.556668%	12.459571%													100.000000%
5.766190	5.766190	4.092135													32.843304
\$57,180.71	\$57,180.71	\$40,579.86													\$325,692.27
17.556668%	17.556668%	12.459571%													100.000000%
5.766190	5.766190	4.092135													32.843304
\$4,379.54	\$4,379.54	\$3,108.05													\$24,945.15
17.556665%	17.556665%	12.459587%													100.000000%
0.004436	0.004436	0.003148													0.025264
\$5,322.64	\$5,322.64	\$3,777.37													\$30,316.90
17.556665%	17.556665%	12.459626%													100.000000%
0.004436	0.004436	0.003148													0.025264
\$5,322.64	\$5,322.64	\$3,777.38													\$30,316.90
31.632653%	31.632653%	22.448980%													100.000000%
194.635980	194.635980	138.128763													615.300840
\$20,417.31	\$20,417.31	\$14,489.72													\$64,545.06
\$9,621,421.15	\$9,621,421.15	\$6,828,105.49													\$34,327,761.17
\$161,126,036.24	\$198,261,879.78	\$114,336,312.33	\$127,896,457.51	\$97,729,796.17	\$79,523,440.30	\$54,819,573.65	\$49,514,455.08	\$54,819,573.65	\$37,135,843.59						\$1,698,463,266.46
17.556668%	17.556668%	12.459571%													100.000000%
887.106121	887.106121	629.559195													5052.816000
\$5,340.38	\$5,340.38	\$3,789.94													\$30,417.95
30.448390%	30.448390%	21.608535%													100.000000%
61308.844599	61308.844599	43509.503494													201353.322360
\$1,183,260.70	\$1,183,260.70	\$839,733.41													\$3,886,119.12
31.632564%	31.632564%	22.449045%													100.000000%
0.000795	0.000795	0.000564													0.002513
\$3.50	\$3.50	\$2.48													\$11.06
17.556784%	17.556784%	12.459745%													100.000000%
0.000493	0.000493	0.000350													0.002807
\$8.04	\$8.04	\$5.70													\$45.78
31.632675%	31.632623%	22.448973%													100.000000%
0.006106	0.006106	0.004333													0.019302
\$154.89	\$154.89	\$109.91													\$489.64
17.556784%	17.556784%	12.459508%													100.000000%
0.000739	0.000739	0.000525													0.004211
\$26.61	\$26.61	\$18.88													\$151.58
31.632663%	31.632628%	22.448995%													100.000000%
0.008968	0.008968	0.006364													0.028350
\$247.88	\$247.88	\$175.91													\$783.62
17.556626%	17.556943%	12.459429%													100.000000%
0.000554	0.000554	0.000393													0.003158
\$12.48	\$12.48	\$8.86													\$71.06
31.632652%	31.632654%	22.448980%													100.000000%
0.135230	0.135230	0.095969													0.427500
\$2,975.05	\$2,975.05	\$2,111.33													\$9,405.00
\$1,192,029.53	\$1,192,029.53	\$845,956.42													\$3,927,494.81
\$162,318,065.77	\$199,453,909.31	\$115,182,268.75	\$127,896,457.51	\$97,729,796.17	\$79,523,440.30	\$54,819,573.65	\$49,514,455.08	\$54,819,573.65	\$37,135,843.59						\$1,702,390,761.27
24.468895%	24.468895%	17.365035%													100.000000%
0.016444	0.016444	0.011670													0.067203
\$591.98	\$591.98	\$420.11													\$2,419.32
27.806968%	27.806968%	19.733975%													100.000000%
0.016078	0.016078	0.011410													0.057819
\$353.71	\$353.71	\$251.01													\$1,272.03
17.556784%	17.556784%	12.459508%													100.000000%

REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO



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0.000739	0.000739	0.000525													0.004211
\$33.93	\$33.93	\$24.09													\$193.28
31.632653%	31.632653%	22.448982%													100.000000%
0.045077	0.045077	0.031990													0.142500
\$1.577.68	\$1.577.68	\$1.119.64													\$4.987.50
23.122356%	23.122356%	16.409413%													100.000000%
0.013016	0.013016	0.009237													0.056293
\$506.68	\$506.68	\$359.57													\$2.191.28
24.468910%	24.468910%	17.365035%													100.000000%
0.008222	0.008222	0.005835													0.033602
\$98.66	\$98.66	\$70.04													\$403.22
31.632653%	31.632653%	22.448980%													100.000000%
114306.450034	114306.450034	81120.708108													361355.875000
\$2.960.537.06	\$2.960.537.06	\$2.101.026.33													\$9.359.117.16
31.632653%	31.632653%	22.448980%													100.000000%
830.357141	830.357141	589.285725													2625.000000
\$37.731.43	\$37.731.43	\$26.777.14													\$119.280.00
31.632653%	31.632653%	22.448980%													100.000000%
15482.407470	15482.407470	10987.515200													48944.385000
\$397.897.87	\$397.897.87	\$282.379.14													\$1.257.870.69
\$3,399,329.00	\$3,399,329.00	\$2,412,427.07													\$10,747,734.48
\$165,717,394.77	\$202,853,238.31	\$117,594,695.82	\$127,896,457.51	\$97,729,796.17	\$79,523,440.30	\$54,819,573.65	\$49,514,455.08	\$54,819,573.65	\$37,135,843.59						\$1,713,138,495.75
24.606164%	24.606164%	17.462439%													100.000000%
2973.174636	2973.174636	2109.994945													12083.048222
\$51.852.17	\$51.852.17	\$36.798.30													\$210,728.36
27.436553%	27.436553%	19.471103%													100.000000%
18323.172532	18323.172532	13003.542059													66783.798541
\$322.487.84	\$322.487.84	\$228,862.33													\$1,175,394.85
17.556668%	17.556668%	12.459571%													100.000000%
5.544413	5.544413	3.934745													31.580100
\$53.470.32	\$53.470.32	\$37,946.69													\$304,558.48
31.632653%	31.632653%	22.448980%													100.000000%
81.343660	81.343660	57.727760													257.150925
\$138,284.22	\$138,284.22	\$98,137.19													\$437,156.57
31.632653%	31.632653%	22.448980%													100.000000%
11.796120	11.796120	8.371440													37.290960
\$1.415.54	\$1.415.54	\$1,004.57													\$4,474.92
26.465111%	26.465111%	18.781692%													100.000000%
4907.793228	4907.793228	3482.950103													18544.389683
\$718,991.71	\$718,991.71	\$510,252.18													\$2,716,753.09
25.694771%	25.694771%	18.234999%													100.000000%
4301.074900	4301.074900	3052.375797													16739.105535
\$60,172.04	\$60,172.04	\$42,702.73													\$234,180.09
27.769503%	27.769503%	19.707390%													100.000000%
4272.081206	4272.081206	3031.799627													15384.075000
\$512,649.74	\$512,649.74	\$363,815.96													\$1,846,089.00
\$1,859,323.58	\$1,859,323.58	\$1,319,519.95													\$6,974,376.50
\$167,576,718.35	\$204,712,561.89	\$118,914,215.77	\$127,896,457.51	\$97,729,796.17	\$79,523,440.30	\$54,819,573.65	\$49,514,455.08	\$54,819,573.65	\$37,135,843.59						\$1,720,112,872.25
31.632653%	31.632653%	22.448980%													100.000000%
3551.523850	3551.523850	2520.436332													11227.398000
\$4,873,933.76	\$4,873,933.76	\$3,458,920.80													\$15,407,919.65
23.233849%	23.233849%	16.488538%													100.000000%
87.710194	87.710194	62.245945													377.510387
\$93,817.46	\$93,817.46	\$66,580.13													\$403,796.44
3.991967%	3.991967%	2.833009%													100.000000%
85.832357	85.832357	60.913287													2150.127000


 REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022	
NORMAL BOMBEABLE																\$43,271.86	\$670,713.79	\$649,077.86	\$670,713.79	\$395,277.90	
MADERACIMB01	MADERA PARA CIMBRA	PT	97,859.386203													0.341298%	5.290113%	5.119464%	5.290113%	14.334471%	
																333.991765	5176.871802	5009.875920	5176.871802	14027.625276	
																\$2,555.04	\$39,603.07	\$38,325.55	\$39,603.07	\$107,311.33	
MADESENC001	DESENCOFRANTE	lts	12,876.235027													0.341298%	5.290113%	5.119464%	5.290113%	14.334471%	
																43.946285	681.167342	659.194200	681.167342	1845.740168	
																\$966.82	\$14,985.68	\$14,502.27	\$14,985.68	\$40,606.28	
MAEMULRM3K	EMULSION ASFALTICA CATIONICA ECI-60	lts	12,758.3604													0.809060%	12.540423%	12.135893%	12.540423%	14.401294%	
																103.222745	1599.952375	1548.341003	1599.952375	1837.369025	
																\$776.24	\$12,031.64	\$11,643.52	\$12,031.64	\$13,817.02	
MAEXP001	ALTO EXPLOSIVO	kg	902.052301													0.405008%	6.277624%	6.075120%	6.277624%	14.343572%	
																3.653384	56.627451	54.800758	56.627451	129.386525	
																\$385.87	\$5,980.99	\$5,788.06	\$5,980.99	\$13,665.80	
MAEXP002	BROCA DE BARRENACION	PZA	12.564803													0.405008%	6.277624%	6.075120%	6.277624%	14.343572%	
																0.050888	0.788771	0.763327	0.788771	1.802242	
																\$387.47	\$6,005.84	\$5,812.10	\$6,005.84	\$13,722.57	
MAEXP003	BARRA DE BARRENACION DE 1 1/2"	PZA	8.694843													0.405008%	6.277624%	6.075120%	6.277624%	14.343572%	
																0.035215	0.545830	0.528222	0.545830	1.247151	
																\$293.83	\$4,554.43	\$4,407.51	\$4,554.43	\$10,406.29	
Monto esta hoja: Acumulado:																\$46,928,750.99	\$50,586.44	\$784,089.79	\$758,796.57	\$784,089.79	\$2,853,902.20
MAEXP004	CORDON DETONANTE	ml	9,038.247759													0.405008%	6.277624%	6.075120%	6.277624%	14.343572%	
																36.605630	567.387198	549.084384	567.387198	1296.407615	
																\$423.16	\$6,559.00	\$6,347.42	\$6,559.00	\$14,986.47	
MAEXP005	CONECTOR MS	PZA	88.154654													0.405008%	6.277624%	6.075120%	6.277624%	14.343572%	
																0.357033	5.534018	5.355501	5.534018	12.644527	
																\$69.42	\$1,076.03	\$1,041.32	\$1,076.03	\$2,458.60	
MAEXP006	COPE DE BARRENACION DE 1 1/2"	PZA	2.177899													0.405008%	6.277624%	6.075120%	6.277624%	14.343573%	
																0.008821	0.136720	0.132310	0.136720	0.312389	
																\$20.99	\$325.32	\$314.82	\$325.32	\$743.31	
MAEXP007	MECHA BLANCA ROLLO DE 50 MTS.	ml	231.946254													0.405008%	6.277624%	6.075120%	6.277624%	14.343572%	
																0.939401	14.560713	14.091013	14.560713	33.269379	
																\$8.07	\$125.08	\$121.04	\$125.08	\$285.78	
MAEXP008	AGENTE EXPLOSIVO	kg	11,379.137477													0.405008%	6.277624%	6.075120%	6.277624%	14.343572%	
																46.086421	714.339450	691.296239	714.339450	1632.174828	
																\$1,601.50	\$24,823.30	\$24,022.54	\$24,823.30	\$56,718.08	
MAEXP009	ZANCO DE BARRENACION	PZA	4.25528													0.405008%	6.277624%	6.075120%	6.277624%	14.343572%	
																0.017234	0.267130	0.258513	0.267130	0.610359	
																\$90.41	\$1,401.36	\$1,356.16	\$1,401.36	\$3,201.94	
MAFCMAC-20	FLETE DE CEMENTO ASFALTICO	TON	31.5801													0.809060%	12.540423%	12.135893%	12.540423%	14.401294%	
																0.255502	3.960278	3.832527	3.960278	4.547943	
																\$63.88	\$990.07	\$958.13	\$990.07	\$1,136.99	
MAGEOT350	GEOTEXTIL PET NT 300 G/M2-TNRROLLO DE m2 4.00 X 100	m2	22,027.558445													0.731117%	11.332316%	10.966757%	11.332316%	14.390160%	
																161.047279	2496.232555	2415.708915	2496.232555	3169.800818	
																\$2,963.27	\$45,930.68	\$44,449.04	\$45,930.68	\$58,324.34	
MAGRAVA	Grava 3/4" medido en banco	m3	3,198.46104													0.560103%	8.681595%	8.401544%	8.681595%	14.365729%	
																17.914675	277.677437	268.720099	277.677437	459.482243	
																\$4,120.38	\$63,865.81	\$61,805.62	\$63,865.81	\$105,680.92	
Monto esta hoja: Acumulado:																\$46,928,750.99	\$9,361.08	\$145,096.65	\$140,416.09	\$145,096.65	\$243,536.43
MAMEM-HDPE	Geomembrana HDPE 1.5 mm	m2	12,357.5298													0.749993%	11.624885%	11.249889%	11.624885%	14.392856%	
																92.680569	1436.548671	1390.208386	1436.548671	1778.601482	
																\$11,325.57	\$175,546.25	\$169,883.46	\$175,546.25	\$217,345.10	
MANCON450	CONCRETO PREMEZCLADO ESTRUCTURAL m3 CLASE 1 f'c = 450 kg/cm², RESISTENCIA NORMAL BOMBEABLE	m3	2,006.5500																	14.285714%	
																					286.649994
																					\$501,789.41
MANEOPRENO	NEOPRENO DUREZA SHORE 60	DM3	874.563755																	14.285714%	
																					124.937677
																					\$35,607.24

REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO

000487



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 Fin obra: 05/09/2023

Formato
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01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
\$108,728.14	\$108,728.14	\$77,161.90													\$2,723,673.38
25.694771%	25.694771%	18.234999%													100.000000%
25144.745568	25144.745568	17844.658504													97859.386203
\$192,357.30	\$192,357.30	\$136,511.64													\$748,624.30
25.694771%	25.694771%	18.234999%													100.000000%
3308.519154	3308.519154	2347.981362													12876.235027
\$72,787.42	\$72,787.42	\$51,655.60													\$283,277.17
17.556668%	17.556668%	12.459571%													100.000000%
2239.942955	2239.942955	1589.636968													12758.360400
\$16,844.37	\$16,844.37	\$11,954.07													\$95,942.87
24.586340%	24.586340%	17.448371%													100.000000%
221.781650	221.781650	157.393432													902.052301
\$23,424.58	\$23,424.58	\$16,623.89													\$95,274.76
24.586340%	24.586340%	17.448371%													100.000000%
3.089225	3.089225	2.192353													12.564803
\$23,521.88	\$23,521.88	\$16,692.96													\$95,670.54
24.586340%	24.586340%	17.448371%													100.000000%
2.137744	2.137744	1.517109													8.694643
\$17,837.44	\$17,837.44	\$12,658.84													\$72,550.21
\$5,423,252.35	\$5,423,252.35	\$3,848,759.83													\$19,926,729.32
\$172,999,970.70	\$210,135,814.24	\$122,762,975.60	\$127,896,457.51	\$97,729,796.17	\$79,523,440.30	\$54,819,573.65	\$49,514,455.08	\$54,819,573.65	\$37,135,843.59						\$1,740,039,601.57
24.586340%	24.586340%	17.448371%													100.000000%
2222.174366	2222.174366	1577.027001													9038.247759
\$25,688.33	\$25,688.33	\$18,230.43													\$104,482.14
24.586340%	24.586340%	17.448371%													100.000000%
21.674003	21.674003	15.381551													88.154654
\$4,214.29	\$4,214.29	\$2,990.81													\$17,140.79
24.586341%	24.586341%	17.448371%													100.000000%
0.535466	0.535466	0.380008													2.177899
\$1,274.10	\$1,274.10	\$904.20													\$5,182.16
24.586340%	24.586340%	17.448371%													100.000000%
57.027096	57.027096	40.470843													231.946254
\$489.86	\$489.86	\$347.65													\$1,992.42
24.586340%	24.586340%	17.448371%													100.000000%
2797.713482	2797.713482	1985.474124													11379.137477
\$97,220.54	\$97,220.54	\$68,995.23													\$395,425.03
24.586340%	24.586340%	17.448371%													100.000000%
1.046218	1.046218	0.742477													4.255280
\$5,488.45	\$5,488.45	\$3,895.03													\$22,323.16
17.556668%	17.556668%	12.459571%													100.000000%
5.544413	5.544413	3.934745													31.580100
\$1,386.10	\$1,386.10	\$983.69													\$7,895.03
18.912706%	18.912706%	13.421921%													100.000000%
4166.007431	4166.007431	2956.521462													22027.558445
\$76,654.54	\$76,654.54	\$54,399.99													\$405,307.08
21.888005%	21.888005%	15.533424%													100.000000%
700.079325	700.079325	496.830499													3198.461040
\$161,018.24	\$161,018.24	\$114,271.02													\$735,646.04
\$373,434.45	\$373,434.45	\$265,018.05													\$1,695,393.85
\$173,373,405.15	\$210,509,248.69	\$123,027,993.65	\$127,896,457.51	\$97,729,796.17	\$79,523,440.30	\$54,819,573.65	\$49,514,455.08	\$54,819,573.65	\$37,135,843.59						\$1,741,734,995.42
18.584312%	18.584312%	13.188867%													100.000000%
2296.561924	2296.561924	1629.818172													12357.529800
\$280,639.87	\$280,639.87	\$199,163.77													\$1,510,090.14
31.632653%	31.632653%	22.448980%													100.000000%
634.724999	634.724999	450.450008													2006.550000
\$1,111,105.15	\$1,111,105.15	\$788,526.26													\$3,512,525.97
31.632653%	31.632653%	22.448980%													100.000000%
276.647718	276.647718	196.330642													874.563755
\$78,844.60	\$78,844.60	\$55,954.23													\$249,250.67


 REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO



México Proyectos y Desarrollos S.A. de C.V., México Compañía Constructora S.A. de C.V., Acciona Infraestructuras México S.A. de C.V. y Acciona Construcción S.A.

Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022			
MAPPANTIC	PRIMARIO ALQUIDALICO ANTICORROSIVO ACABADO MATE COLOR ROJO OXIDO	Its	186.4548																				
MAREGALAGUA	REGALIA POR EXTRACCION DE AGUA	m3	4,625.545535												0.219893%	3.408335%	3.298389%	3.408335%					
MARENA	ARENA DE BANCO PUESTA EN SITIO	m3	24.20244												10.171234	157.654106	152.568489	157.654106					
MAT-CARAS	CARTON ASFALTADO DE 1 CM	m2	434.7000												\$203.42	\$3.153.08	\$3.051.37	\$3.153.08					
MATERRAP-001	MATERIAL PARA TERRAPLEN MEDIDO EN BANCO	m3	11,994.5410																				
MAVA0286	ADITIVO INTRAPLAST	kg	1,512.6525												0.374476%	5.804375%	5.617137%	5.804375%					
Monto esta hoja:																							
Acumulado:																\$46,928,750.99	\$15,346.91	\$237,877.02	\$230,203.56	\$237,877.02	\$926,780.20	\$158,525,096.43	
MFLTELEMULS	FLETE EMULSION ASFALTICA	Its	12,758.3604												0.809060%	12.540423%	12.135893%	12.540423%					
MOLDE-CAD-01	Molde para conexion soldable de cables CAT. PZA TAC-2G2G marca CADWELD		10.0000												103.222745	1599.952375	1548.341003	1599.952375					
MTJUNTA01	Juntas de dilatación, P.U.O.T. Tipo Mex-T-50 ó ml similar		210.0000												\$36.13	\$559.98	\$541.92	\$559.98					
MTSUJCB	SUJETADOR DE CABLE CASCABEL DE 5/8"	PZA	208.3250																				
MTTUBPVC4	TUBERIA DE PVC DE 15 CM	ml	1,750.0000																				
PANAV01	PANTALLA	m	2,268.0000																				
PLATF001	PLATAFORMA P/TRACTOCAMION	JGO	0.1140																				
REGDESP	REGALIA BANCO DE TIRO	m3	226.8000																				
TAPRE	REJILLA DE FUNDICION	PZA	20.0000																				
Monto esta hoja:																							
Acumulado:																\$46,928,750.99	\$36.13	\$559.98	\$541.92	\$559.98	\$997,962.16	\$159,523,058.59	
TUBOPVCS-200	Tubería colectora de PVC de 20 cm de diámetro ml y 2/8 pulgadas de espesor.	ml	1,768.4520												0.699792%	10.846781%	10.496884%	10.846781%					
VLLATGRUA40	LLANTAS PARA GRUA DE 40 TON	JGO	0.440674												12.375492	191.820108	185.632362	191.820108					
Monto esta hoja:																							
Acumulado:																\$46,928,750.99	\$36.13	\$559.98	\$541.92	\$559.98	\$997,962.16	\$159,523,058.59	
TOTAL PASOS DE FAUNA (PF)																							
ACUMULADO PASOS DE FAUNA (PF)																	\$172,966.01	\$2,680,972.99	\$2,594,489.96	\$2,680,972.99	\$13,213,377.71	\$21,342,779.66	
PORCENTAJE PERIODO PASOS DE FAUNA (PF)																	0.19%	2.90%	2.81%	2.90%			

REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO

000489



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31.632653%	31.632653%	22.448980%													100.000000%
58.980600	58.980600	41.857201													186.454800
\$4,312.07	\$4,312.07	\$3,060.18													\$13,631.71
27.806970%	27.806970%	19.733979%													100.000000%
1286.224077	1286.224077	912.804202													4625.545335
\$25,724.48	\$25,724.48	\$18,256.10													\$92,510.91
31.632653%	31.632653%	22.448980%													100.000000%
7.655874	7.655874	5.433201													24.202440
\$1,148.38	\$1,148.38	\$814.99													\$3,630.37
31.632653%	31.632653%	22.448980%													100.000000%
137.507143	137.507143	97.585716													434.700000
\$3,300.17	\$3,300.17	\$2,342.06													\$10,432.80
25.117538%	25.117538%	17.825350%													100.000000%
3012.733413	3012.733413	2138.068916													11994.541000
\$256,082.34	\$256,082.34	\$181,735.87													\$1,019,535.99
31.632653%	31.632653%	22.448980%													100.000000%
478.492116	478.492116	339.575057													1512.652500
\$19,139.68	\$19,139.68	\$13,583.01													\$60,506.10
\$1,780,296.74	\$1,780,296.74	\$1,263,436.47													\$6,472,114.66
\$175,153,701.89	\$212,289,545.43	\$124,291,430.12	\$127,896,457.51	\$97,729,796.17	\$79,523,440.30	\$54,819,573.65	\$49,514,455.08	\$54,819,573.65	\$37,135,843.59						\$1,748,207,110.08
17.556688%	17.556688%	12.459571%													100.000000%
2239.942955	2239.942955	1589.636968													12758.360400
\$783.98	\$783.98	\$556.38													\$4,465.43
31.632653%	31.632653%	22.448980%													100.000000%
3.163265	3.163265	2.244899													10.000000
\$4,345.98	\$4,345.98	\$3,084.24													\$13,738.90
31.632653%	31.632653%	22.448980%													100.000000%
66.428571	66.428571	47.142858													210.000000
\$134,185.71	\$134,185.71	\$95,228.58													\$424,200.00
31.632653%	31.632653%	22.448980%													100.000000%
65.898724	65.898724	46.766838													208.325000
\$15,422.28	\$15,422.28	\$10,944.84													\$48,754.30
31.632653%	31.632653%	22.448980%													100.000000%
553.571428	553.571428	392.857150													1750.000000
\$13,922.32	\$13,922.32	\$9,880.36													\$44,012.50
31.632653%	31.632653%	22.448980%													100.000000%
717.428570	717.428570	509.142866													2268.000000
\$2,023,148.57	\$2,023,148.57	\$1,435,762.88													\$6,395,760.00
31.632649%	31.632649%	22.448991%													100.000000%
0.036061	0.036061	0.025592													0.114000
\$9,015.31	\$9,015.31	\$6,397.95													\$28,500.00
31.632653%	31.632653%	22.448980%													100.000000%
71.742857	71.742857	50.914287													226.800000
\$717.43	\$717.43	\$509.14													\$2,268.00
31.632653%	31.632653%	22.448980%													100.000000%
6.326531	6.326531	4.489796													20.000000
\$7,591.84	\$7,591.84	\$5,387.75													\$24,000.00
\$2,209,133.42	\$2,209,133.42	\$1,567,772.12													\$6,985,699.13
\$177,362,835.31	\$214,498,678.85	\$125,859,202.24	\$127,896,457.51	\$97,729,796.17	\$79,523,440.30	\$54,819,573.65	\$49,514,455.08	\$54,819,573.65	\$37,135,843.59						\$1,755,192,809.21
19.457695%	19.457695%	13.808687%													100.000000%
344.099999	344.099999	244.200004													1768.452000
\$68,338.26	\$68,338.26	\$48,498.13													\$351,214.57
31.632653%	31.632653%	22.448979%													100.000000%
0.139397	0.139397	0.098927													0.440674
\$3,624.32	\$3,624.32	\$2,572.10													\$11,457.53
\$26,194,224.81	\$26,194,224.81	\$18,589,450.30													
\$47,537,004.47	\$73,731,229.28	\$92,320,679.58	\$92,320,679.58	\$92,320,679.58	\$92,320,679.58	\$92,320,679.58	\$92,320,679.58	\$92,320,679.58	\$92,320,679.58	\$92,320,679.58	\$92,320,679.58	\$92,320,679.58	\$92,320,679.58	\$92,320,679.58	\$92,320,679.58
28.37%	28.37%	20.14%													

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México Proyectos y Desarrollos S.A. de C.V., México Compañía Constructora S.A. de C.V., Acciona Infraestructuras México S.A. de C.V. y Acciona Construcción S.A.



Licitación No: LO-021W3N003-E325-2020

Ciente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022
															0.19%	3.09%	5.90%	8.81%	23.12%	
															\$35,563,851.58	\$90,699,138.89	\$102,906,380.73	\$99,586,816.98	\$102,906,380.73	\$110,205,704.73
															\$35,563,851.58	\$126,262,990.47	\$229,169,371.20	\$328,756,188.18	\$431,662,568.91	\$541,868,273.64
															4.00%	10.21%	11.58%	11.21%	11.58%	12.41%
															4.00%	14.21%	25.80%	37.01%	48.59%	60.99%
5	SISTEMAS DE VÍA																			
103205-1070	Thiner estandard comex	Its	1.325479																	
103215-1105	SOLDADURA ELECTRODO SERIE E-60	kg	133.788958																	
103215-2035	OXIGENO INDUSTRIAL INFRA CILINDRO DE 20 KG	m3	887.858596																	
103247-1130	Gasolina Magna	Its	494.702453																	
				Monto esta hoja:																
				Acumulado:											\$46,928,750.99	\$2,457.77	\$38,095.47	\$36,866.59	\$38,095.47	\$52,161.41
910205-1235	LLANTAS PARA SOLDADORA ELECTRICA DE 300A MCA MILLER MOD AC-300	JGO	0.01379												\$46,928,750.99	\$110,720,914.08	\$133,325,323.59	\$136,995,659.57	\$148,654,761.34	\$159,575,220.00
ACEITE	Aceite	Its	48,650.405978																	
ACERO	Acero de refuerzo Fy= 4,200 kg/cm2	kg	13,429.896807																	
ANCLA P/POSTE	Ancla	PZA	100.0000																	
BROCA 1 1/8"	Broca cortador anular de 1 1/8"	Pieza	441.846935																	
CO06	PINTURA DE ESMALTE, MCA COMEX	Its	32.764643																	
DIESEL	DIESEL	Its	2,802,333.139324																	
DISCO CORTE	Disco de corte 14"	PZA	3,676.819516																	
FIJACION DURM CONC	Juego de fijación de durmiente de concreto	JGO	17,685.68764																	
				Monto esta hoja:																
				Acumulado:											\$46,928,750.99	\$110,720,914.08	\$133,325,323.59	\$136,995,659.57	\$148,654,761.34	\$159,575,220.00
FLETE JGO 15	Flete de juego de cambio del #15. Herraje	JGO	29.636308																	
FLETE JGO CAM CONC 1	Flete juego de cambio durmiente de concreto	JGO	75.679598																	
FLETE JGO CAMBIO #20	Flete de juego de cambio del #20. Herraje	JGO	46.042744																	
FLETE JGO	Flete de juego de cambio del #10. Herraje	JGO	10.0000																	

REPRESENTANTE COMÚN: ING. HECTOR RAÚL HUERTA AVENDAÑO



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
 Fin obra: 05/09/2023

Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
51.49%	79.86%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
\$126,419,632.55	\$126,419,632.55	\$23,489,553.40	\$22,061,718.51	\$24,473,626.47	\$23,657,838.42	\$888,390,275.54	\$888,390,275.54	\$888,390,275.54	\$888,390,275.54	\$888,390,275.54	\$888,390,275.54	\$888,390,275.54	\$888,390,275.54	\$888,390,275.54	\$888,390,275.54
\$668,287,906.19	\$794,707,538.74	\$818,197,092.14	\$840,258,810.65	\$864,732,437.12	\$888,390,275.54	\$888,390,275.54	\$888,390,275.54	\$888,390,275.54	\$888,390,275.54	\$888,390,275.54	\$888,390,275.54	\$888,390,275.54	\$888,390,275.54	\$888,390,275.54	\$888,390,275.54
14.23%	14.23%	2.64%	2.48%	2.75%	2.66%										
75.22%	89.45%	92.10%	94.58%	97.34%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	8.121827%	15.228426%	15.736041%	15.228425%	15.736041%	15.736041%	14.213198%								100.000000%
	0.107653	0.201850	0.208578	0.201850	0.208578	0.208578	0.188393								1.325479
	\$1.93	\$3.63	\$3.75	\$3.63	\$3.75	\$3.75	\$3.37								\$23.81
	8.121827%	15.228426%	15.736041%	15.228426%	15.736041%	15.736041%	14.213198%								100.000000%
	10.866108	20.373952	21.053085	20.373952	21.053085	21.053085	19.015689								133.788958
	\$418.34	\$784.40	\$810.54	\$784.40	\$810.54	\$810.54	\$732.11								\$5,150.87
	8.056304%	15.073850%	15.576313%	15.073850%	15.576313%	15.576313%	14.068927%	0.524441%	0.473689%						100.000000%
	71.528588	133.834476	138.295632	133.834476	138.295632	138.295632	124.912181	4.656296	4.205686						887.858596
	\$4,019.91	\$7,521.50	\$7,772.21	\$7,521.50	\$7,772.21	\$7,772.21	\$7,020.06	\$261.68	\$236.37						\$49,897.65
	7.589933%	14.206044%	14.679580%	14.206044%	14.679580%	14.679580%	13.258975%	3.015534%	3.684729%						100.000000%
	37.547587	70.277650	72.620242	70.277650	72.620242	72.620242	65.592475	14.917919	18.228446						494.702453
	\$705.14	\$1,319.81	\$1,363.81	\$1,319.81	\$1,363.81	\$1,363.81	\$1,231.83	\$280.16	\$342.33						\$9,290.51
\$71,962.58	\$77,107.90	\$60,699.57	\$9,950.31	\$9,629.34	\$9,950.31	\$9,950.31	\$8,987.37	\$541.84	\$578.70						\$427,034.94
\$177,434,797.89	\$214,575,786.75	\$125,919,901.81	\$127,906,407.82	\$97,739,425.51	\$79,533,390.61	\$54,829,523.96	\$49,523,442.45	\$54,820,115.49	\$37,136,422.29						\$1,755,619,844.15
	8.121855%	15.228397%	15.736090%	15.228397%	15.736017%	15.736017%	14.213228%								100.000000%
	0.001120	0.002100	0.002170	0.002170	0.002170	0.002170	0.001960								0.013790
	\$0.28	\$0.53	\$0.54	\$0.53	\$0.54	\$0.54	\$0.49								\$3.45
	7.649687%	14.312969%	14.790069%	14.312969%	14.790069%	14.790069%	13.358772%	2.719138%	3.276258%						100.000000%
	3721.603958	6963.317651	7195.428591	6963.317651	7195.428591	7195.428591	6499.096654	1322.871667	1593.912623						48650.405978
	\$253,069.07	\$473,505.60	\$489,289.14	\$473,505.60	\$489,289.14	\$489,289.14	\$441,938.57	\$89,955.27	\$108,386.08						\$3,308,227.61
	8.121827%	15.228426%	15.736041%	15.228426%	15.736041%	15.736041%	14.213198%								100.000000%
	1090.752985	2045.161897	2113.334068	2045.161897	2113.334068	2113.334068	1908.817824								13429.896807
	\$17,288.43	\$32,415.82	\$33,496.34	\$32,415.82	\$33,496.34	\$33,496.34	\$30,254.77								\$212,863.86
	8.121827%	15.228426%	15.736041%	15.228426%	15.736041%	15.736041%	14.213198%								100.000000%
	8.121827	15.228426	15.736041	15.228426	15.736041	15.736041	14.213198								100.000000%
	\$934.01	\$1,751.27	\$1,809.64	\$1,751.27	\$1,809.64	\$1,809.64	\$1,634.53								\$11,500.00
	8.056120%	15.073417%	15.575865%	15.073417%	15.575865%	15.575865%	14.068523%	0.525911%	0.475017%						100.000000%
	35.595721	66.601431	68.821482	66.601431	68.821482	68.821482	62.161337	2.323723	2.098847						441.846935
	\$50,447.68	\$94,390.21	\$97,536.56	\$94,390.21	\$97,536.56	\$97,536.56	\$88,097.53	\$3,293.27	\$2,974.57						\$626,203.15
	8.121827%	15.228426%	15.736041%	15.228426%	15.736041%	15.736041%	14.213198%								100.000000%
	2.661088	4.989539	5.155858	4.989539	5.155858	5.155858	4.656904								32.764643
	\$279.15	\$523.40	\$540.85	\$523.40	\$540.85	\$540.85	\$488.51								\$3,437.01
	7.623728%	14.264388%	14.739868%	14.264388%	14.739868%	14.739868%	13.313429%	2.859280%	3.455181%						100.000000%
	213642.268950	399735.675247	413060.217969	399735.675247	413060.217969	413060.217969	373086.640530	80126.546891	96825.678553						280233.139324
	\$4,123,295.79	\$7,714,898.53	\$7,972,062.21	\$7,714,898.53	\$7,972,062.21	\$7,972,062.21	\$7,200,572.16	\$1,546,442.36	\$1,868,735.59						\$54,085,029.59
	8.056157%	15.073503%	15.575954%	15.073503%	15.575954%	15.575954%	14.068603%	0.525620%	0.474753%						100.000000%
	296.210345	554.225494	572.699705	554.225494	572.699705	572.699705	517.277142	19.326097	17.455827						3676.819516
	\$67,429.32	\$126,163.89	\$130,369.36	\$126,163.89	\$130,369.36	\$130,369.36	\$117,752.97	\$4,399.39	\$3,973.65						\$836,991.19
								44.000000%	56.000000%						100.000000%
								7781.702562	9903.985078						17685.687640
								\$5,252,649.23	\$6,685,189.93						\$11,937,839.16
\$177,434,797.89	\$4,512,743.73	\$8,443,649.25	\$8,725,104.64	\$8,443,649.25	\$8,725,104.64	\$8,725,104.64	\$7,880,739.53	\$6,896,739.52	\$8,669,259.82						\$71,022,095.02
	\$219,088,530.48	\$134,363,551.06	\$136,631,512.46	\$106,183,074.76	\$88,258,495.25	\$63,554,628.60	\$57,404,181.98	\$61,716,855.01	\$45,805,682.11						\$1,826,641,939.17
								44.000000%	56.000000%						100.000000%
								13.039976	16.596332						29.636308
								\$651,998.78	\$829,816.62						\$1,481,815.40
								44.000000%	56.000000%						100.000000%
								33.299023	42.380575						75.679598
								\$4,994,853.47	\$6,357,086.23						\$11,351,939.70
								44.000000%	56.000000%						100.000000%
								20.258807	25.783937						46.042744
								\$1,620,704.59	\$2,062,714.93						\$3,683,419.52
								44.000000%	56.000000%						100.000000%

REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022		
CAMBIO 10																						
FLETE TANDEM	Flete tandem	ml	220,461.227118																			
FLETE TOPERA	Flete contenedor 20' MADRID-VERACRUZ	Contened	2.335372																			
GAS	Gas doméstico	Kg.	14,708.22195																			
JGO CAMBIO DURM CONC	Juego de cambio de durmiente de concreto del JGO #20	JGO	46.042744																			
JGO CAMBIO MAD 10	Juego de madera #10	JGO	10.0000																			
															Monto esta hoja: Acumulado:		\$46,928,750.99	\$110,720,914.08	\$133,325,323.59	\$136,995,659.57	\$148,654,761.34	\$159,575,220.00
JGO DURM CONC 15	Juego de cambio de durmiente de concreto del JGO #15	JGO	29.636854																			
JUEGO CAMBIO 10	Juego de cambio del numero 10. LAB Manzanillo JGO	JGO	10.0000																			
JUEGO CAMBIO 15	Juego de cambio del número 15. LAB Manzanillo JGO	JGO	29.636854																			
JUEGO CAMBIO 20	Juego de cambio del número 20. LAB Manzanillo JGO	JGO	46.042744																			
LLAREMOLCA-01	LLANTAS 116-22.5	JGO	1.893985																			
LLCAMION-01	LLANTAS Camión Kenworth T 370 con grua JGO articulada PALFINGER mod. PK 15500 de 14.6 ton	JGO	5.196548																			
LLEQCAMSOLD-01	LLANTAS Camión soldadura electrica de riel JGO SPARK - RAIL VAIACAR	JGO	0.841458																			
LLPIPA	LLANTAS PIPA PARA AGUA	JGO	0.000161																			
MA_GROUTSK	Fester Grout nm	kg	757.3000																			
															Monto esta hoja: Acumulado:		\$46,928,750.99	\$110,720,914.08	\$133,325,323.59	\$136,995,659.57	\$148,654,761.34	\$159,575,220.00
MAACEROA36	ACERO ESTRUCTURAL A-36	kg	2,606.278395																			
MAAD0023	CURACONSA ROJO	Its	170.332275																			
MAALAMREC	Alambre Recocido No 18	kg	426.835098																			
MACETILENO	ACETILENO	kg	710.286877																			

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 REPRESENTANTE COMÚN ING. HÉCTOR RAÚL HUERTA AVENDAÑO



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
 Fin obra: 05/09/2023

Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
								4.400000	5.600000						10.000000
								\$176,000.00	\$224,000.00						\$400,000.00
8.056116%	15.073406%	15.575853%	15.073406%	15.575853%	15.575853%	15.575853%	14.068513%	0.525949%	0.475051%						100.000000%
17760.611498	33231.015496	34338.717693	33231.015496	34338.717693	34338.717693	34338.717693	31015.615319	1159.513703	1047.302526						220461.227118
\$88,803.06	\$166,155.08	\$171,693.59	\$166,155.08	\$171,693.59	\$171,693.59	\$171,693.59	\$155,078.08	\$5,797.57	\$5,236.50						\$1,102,306.14
								44.000000%	56.000000%						100.000000%
								1.027564	1.307808						2.335372
								\$64,644.03	\$82,274.22						\$146,918.25
8.056162%	15.073515%	15.575966%	15.073515%	15.575966%	15.575966%	15.575966%	14.068614%	0.525578%	0.474716%						100.000000%
1184.918187	2217.046057	2290.947705	2217.046057	2290.947705	2290.947705	2290.947705	2069.243044	77.303230	69.822260						14708.221950
\$23,935.35	\$44,784.33	\$46,277.14	\$44,784.33	\$46,277.14	\$46,277.14	\$46,277.14	\$41,798.71	\$1,561.53	\$1,410.41						\$297,106.08
								44.000000%	56.000000%						100.000000%
								20.258807	25.783937						46.042744
								\$13,849.503.15	\$17,626.640.38						\$31,476,143.53
								44.000000%	56.000000%						100.000000%
								4.400000	5.600000						10.000000
								\$1,073,380.00	\$1,366,120.00						\$2,439,500.00
\$177,434,797.89	\$112,738.41	\$210,939.41	\$217,970.73	\$210,939.41	\$217,970.73	\$217,970.73	\$196,876.79	\$22,438,443.12	\$28,555,299.29						\$52,379,148.62
\$219,201,268.89	\$134,574,490.47	\$136,849,483.19	\$106,394,014.17	\$88,476,465.98	\$63,772,599.33	\$57,601,058.77		\$84,155,298.13	\$74,360,981.40						\$1,879,021,087.79
								44.000000%	56.000000%						100.000000%
								13.040216	16.596638						29.636854
								\$6,627,337.57	\$8,434,793.28						\$15,062,130.85
								44.000000%	56.000000%						100.000000%
								4.400000	5.600000						10.000000
								\$7,632,460.00	\$9,714,040.00						\$17,346,500.00
								44.000000%	56.000000%						100.000000%
								13.040216	16.596638						29.636854
								\$36,912,612.75	\$46,979,688.95						\$83,892,301.70
								44.000000%	56.000000%						100.000000%
								20.258807	25.783937						46.042744
								\$64,064,932.98	\$81,537,187.44						\$145,602,120.42
8.056114%	15.073400%	15.575848%	15.073401%	15.575848%	15.575848%	15.575848%	14.068508%	0.525966%	0.475066%						100.000000%
0.152582	0.285488	0.295004	0.285488	0.295004	0.295004	0.295004	0.266455	0.009962	0.008998						1.893985
\$10,395.37	\$19,450.26	\$20,098.61	\$19,450.26	\$20,098.61	\$20,098.61	\$20,098.61	\$18,153.58	\$678.69	\$613.01						\$129,037.00
7.498479%	14.030039%	14.497708%	14.030039%	14.497708%	14.497708%	14.497708%	13.094704%	3.535179%	4.318437%						100.000000%
0.389662	0.729078	0.753380	0.729078	0.753380	0.753380	0.753380	0.680473	0.183707	0.224410						5.196548
\$11,377.55	\$21,287.99	\$21,997.59	\$21,287.99	\$21,997.59	\$21,997.59	\$21,997.59	\$19,868.79	\$5,363.98	\$6,552.44						\$151,731.51
7.352650%	13.757184%	14.215758%	13.757184%	14.215758%	14.215758%	14.215758%	12.840039%	4.322140%	5.323529%						100.000000%
0.061869	0.115761	0.119620	0.115761	0.119620	0.119620	0.119620	0.108044	0.036369	0.044795						0.841458
\$4,096.48	\$7,664.72	\$7,920.21	\$7,664.72	\$7,920.21	\$7,920.21	\$7,920.21	\$7,153.74	\$2,408.05	\$2,965.96						\$55,714.30
8.118996%	15.233963%	15.735978%	15.227766%	15.735978%	15.735978%	15.735978%	14.211342%	0.000013	0.000025						100.000000%
0.000013	0.000025	0.000025	0.000025	0.000025	0.000025	0.000025	0.000023								0.000161
\$0.29	\$0.54	\$0.56	\$0.54	\$0.56	\$0.56	\$0.56	\$0.50								\$3.55
8.121827%	15.228426%	15.736041%	15.228426%	15.736041%	15.736041%	15.736041%	14.213198%	61.506596	115.324870						100.000000%
\$953.35	\$1,787.54	\$1,847.12	\$1,787.54	\$1,847.12	\$1,847.12	\$1,847.12	\$1,847.12	\$1,847.12	\$1,847.12						757.300000
															\$11,738.15
\$177,434,797.89	\$26,823.04	\$50,191.05	\$51,864.09	\$50,191.05	\$51,864.09	\$51,864.09	\$51,864.09	\$46,844.97	\$115,245,794.02	\$146,675,841.08					\$262,251,277.48
\$219,228,091.93	\$134,624,681.52	\$136,901,347.28	\$106,444,205.22	\$88,528,330.07	\$63,824,463.42	\$57,647,903.74		\$199,401,092.15	\$221,036,822.48						\$2,141,272,365.27
8.121827%	15.228426%	15.736041%	15.228426%	15.736041%	15.736041%	15.736041%	14.213198%	211.677422	396.895177						100.000000%
\$5,440.11	\$10,200.21	\$10,540.21	\$10,200.21	\$10,540.21	\$10,540.21	\$10,540.21	\$9,520.19								2606.278395
															\$66,981.35
8.121827%	15.228426%	15.736041%	15.228426%	15.736041%	15.736041%	15.736041%	14.213198%	13.834093	25.938924						100.000000%
\$241.27	\$452.37	\$467.45	\$452.37	\$467.45	\$467.45	\$467.45	\$467.45								170.332275
															\$2,970.59
8.121827%	15.228426%	15.736041%	15.228426%	15.736041%	15.736041%	15.736041%	14.213198%	34.666808	65.000267						100.000000%
\$610.14	\$1,144.01	\$1,182.14	\$1,144.01	\$1,182.14	\$1,182.14	\$1,182.14	\$1,067.72								426.835098
															\$7,512.30
8.056304%	15.073850%	15.576313%	15.073850%	15.576313%	15.576313%	15.576313%	14.068927%	57.222871	107.067580						100.000000%
								0.524441%	0.473689%						710.286877
								3.725037	3.364549						

REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO

México Proyectos y Desarrollos S.A. de C.V., México Compañía Constructora S.A. de C.V., Acciona Infraestructuras México S.A. de C.V. y Acciona Construcción S.A.



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022
MACIMBR009	Triplay de pino de 16 mm. nacional (1 cara)	m2	43.719715																	
MACLAVO	CLAVO DE 2 1/2" A 3 1/2"	kg	67.661464																	
MACON00007	BOMBEO DE CONCRETO	m3	119.232593																	
MACON00008	CONCRETO PREMEZCLADO ESTRUCTURAL m3 CLASE 1 f _c = 300 kg/cm ² , RESISTENCIA NORMAL BOMBEABLE	m3	119.232593																	
MACON150	CONCRETO PREMEZCLADO f _c = 150 kg/cm ² , m3 RESISTENCIA NORMAL	m3	26.023449																	
			Monto esta hoja:																	
			Acumulado:												\$46,928,750.99	\$110,720,914.08	\$133,325,323.59	\$136,995,659.57	\$148,654,761.34	\$159,575,220.00
MADERACIMB01	MADERA PARA CIMBRA	PT	395.559328																	
MADESENC001	DESENCOFRANTE	lts	52.04728																	
MADUR259	DURMIENTE DE CONCRETO PRETENSADO PZA DE LONGITUD 2.59 M, INCLUYE SET DE FIJACION PARA AMBOS RIELES 115RE		242,548.0000																	
MAFLETEDUR	FLETE DE DURMIENTE DE CONCRETO PZA PRETENSADO DE 2.59 M		242,548.0000																	
MAGEOT350	GEOTEXTIL PET NT 300 G/M2-TNRROLLO DE 4.00 X 100	m2	363.497186																	
MANATUNEVIB	MANTA ATENUADORA DE VIBRACION	m2	2,251.2000																	
MAPPANTIC	PRIMARIO ALQUIDALICO ANTICORROSIVO ACABADO MATE COLOR ROJO OXIDO	lts	9.92868																	
MAREGALAGUA	REGALIA POR EXTRACCION DE AGUA	m3	12.908046																	
OXIGENO	Oxigeno	m3	14,708.22195																	
			Monto esta hoja:																	
			Acumulado:												\$46,928,750.99	\$110,720,914.08	\$133,325,323.59	\$136,995,659.57	\$148,654,761.34	\$159,575,220.00
PIEDRA DE ESMERIL	Piedra para esmeril	PZA	1,746,555																	
PLACA BASE	Placa base	PZA	50.0000																	
PLACA DE ASIENTO	Placa de asiento doble hombro	PZA	920.0000																	
PLACA POLIAMIDA	Placa poliamida reforzada geotextil	PZA	50.0000																	

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 REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO



Formato
ECO-11-3
Fecha: 15/01/2021
Duración: 943 días
Inicio obra: 05/02/2021
Fin obra: 05/09/2023

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
\$6,866.74	\$12,848.11	\$13,276.38	\$12,848.11	\$13,276.38	\$13,276.38	\$13,276.38	\$11,991.57	\$447.00	\$403.76						\$85,234.43
8.121827%	15.228426%	15.736041%	15.228426%	15.736041%	15.736041%	15.736041%	14.213198%								100.000000%
3.550840	6.657824	6.879752	6.657824	6.879752	6.879752	6.879752	6.213970								43.719715
\$520.20	\$975.37	\$1,007.88	\$975.37	\$1,007.88	\$1,007.88	\$1,007.88	\$910.36								\$6,404.94
8.121827%	15.228426%	15.736041%	15.228426%	15.736041%	15.736041%	15.736041%	14.213198%								100.000000%
5.495347	10.303776	10.647236	10.303776	10.647236	10.647236	10.647236	9.616858								67.661464
\$76.88	\$144.15	\$148.95	\$144.15	\$148.95	\$148.95	\$148.95	\$134.55								\$946.58
8.121827%	15.228426%	15.736041%	15.228426%	15.736041%	15.736041%	15.736041%	14.213198%								100.000000%
9.683865	18.157247	18.762490	18.157247	18.762490	18.762490	18.762490	16.946764								119.232593
\$1,162.06	\$2,178.87	\$2,251.50	\$2,178.87	\$2,251.50	\$2,251.50	\$2,251.50	\$2,033.61								\$14,307.91
8.121827%	15.228426%	15.736041%	15.228426%	15.736041%	15.736041%	15.736041%	14.213198%								100.000000%
9.683865	18.157247	18.762490	18.157247	18.762490	18.762490	18.762490	16.946764								119.232593
\$13,289.65	\$24,918.10	\$25,748.70	\$24,918.10	\$25,748.70	\$25,748.70	\$25,748.70	\$23,256.90								\$163,628.85
8.121827%	15.228426%	15.736041%	15.228426%	15.736041%	15.736041%	15.736041%	14.213198%								100.000000%
2.113580	3.962962	4.095061	3.962962	4.095061	4.095061	4.095061	3.698764								26.023449
\$2,260.75	\$4,238.90	\$4,380.20	\$4,238.90	\$4,380.20	\$4,380.20	\$4,380.20	\$3,956.31								\$27,835.46
\$177,434,797.89	\$30,467.80	\$57,100.09	\$59,003.41	\$57,100.09	\$59,003.41	\$59,003.41	\$53,293.44	\$447.00	\$403.76						\$375,822.41
\$219,258,559.73	\$134,681,781.61	\$136,960,350.69	\$106,501,305.31	\$88,587,333.48	\$63,883,466.83	\$57,701,197.18	\$199,401,539.15	\$221,037,226.24							\$2,141,648,187.68
8.121827%	15.228426%	15.736041%	15.228426%	15.736041%	15.736041%	15.736041%	14.213198%								100.000000%
32.126644	60.237460	62.245378	60.237460	62.245378	62.245378	62.245378	56.221631								395.559328
\$245.77	\$460.82	\$476.18	\$460.82	\$476.18	\$476.18	\$476.18	\$430.08								\$3,026.03
8.121827%	15.228426%	15.736041%	15.228426%	15.736041%	15.736041%	15.736041%	14.213198%								100.000000%
4.227190	7.925982	8.190181	7.925982	8.190181	8.190181	8.190181	7.397583								52.047280
\$93.00	\$174.37	\$180.18	\$174.37	\$180.18	\$180.18	\$180.18	\$162.76								\$1,145.04
10.691824%	18.867925%	19.496855%	18.867925%	19.496855%	19.496855%	12.578616%									100.000000%
25932.805276	45763.774729	47289.231865	45763.774729	47289.231865	47289.231865	30509.181536									242548.000000
\$36,305,927.39	\$64,069,284.62	\$66,204,924.61	\$64,069,284.62	\$66,204,924.61	\$66,204,924.61	\$42,712,854.15									\$339,567,200.00
10.691824%	18.867925%	19.496855%	18.867925%	19.496855%	19.496855%	12.578616%									100.000000%
25932.805276	45763.774729	47289.231865	45763.774729	47289.231865	47289.231865	30509.181536									242548.000000
\$17,127,321.24	\$30,224,685.02	\$31,232,173.19	\$30,224,685.02	\$31,232,173.19	\$31,232,173.19	\$20,149,788.94									\$160,190,826.60
8.121827%	15.228426%	15.736041%	15.228426%	15.736041%	15.736041%	15.736041%	14.213198%								100.000000%
29.522613	55.354900	57.200066	55.354900	57.200066	57.200066	57.200066	51.664575								363.497186
\$543.22	\$1,018.53	\$1,052.48	\$1,018.53	\$1,052.48	\$1,052.48	\$1,052.48	\$950.63								\$6,688.35
17.894737%	31.578947%	32.631579%	17.894737%	32.631579%	32.631579%	402.846319									100.000000%
402.846319	710.905255	734.602106	402.846319	734.602106	734.602106	402.846319									2251.200000
\$966,831.17	\$1,706,172.61	\$1,763,045.06	\$966,831.17	\$1,763,045.06	\$1,763,045.06	\$966,831.17									\$5,402,880.00
8.121827%	15.228426%	15.736041%	15.228426%	15.736041%	15.736041%	15.736041%	14.213198%								100.000000%
0.806390	1.511982	1.562381	1.511982	1.562381	1.562381	1.562381	1.411183								9.928680
\$58.96	\$110.54	\$114.23	\$110.54	\$114.23	\$114.23	\$114.23	\$103.16								\$725.89
8.121827%	15.228426%	15.736041%	15.228426%	15.736041%	15.736041%	15.736041%	14.213198%								100.000000%
1.048369	1.965692	2.031215	1.965692	2.031215	2.031215	2.031215	1.834646								12.908046
\$20.97	\$39.31	\$40.62	\$39.31	\$40.62	\$40.62	\$40.62	\$36.71								\$258.16
8.056162%	15.073515%	15.575966%	15.073515%	15.575966%	15.575966%	15.575966%	14.068614%	0.525578%	0.474716%						100.000000%
1184.918187	2217.046057	2290.947705	2217.046057	2290.947705	2290.947705	2069.243044									14708.221950
\$49,766.56	\$93,115.93	\$96,219.80	\$93,115.93	\$96,219.80	\$96,219.80	\$86,908.21		\$3,246.74	\$2,932.55						\$617,745.32
\$177,434,797.89	\$54,450,808.28	\$96,095,061.75	\$99,298,226.35	\$95,355,720.30	\$97,535,181.29	\$62,960,726.58	\$88,591.55	\$3,246.74	\$2,932.55						\$505,790,495.39
\$273,709,368.01	\$230,776,843.36	\$236,258,577.04	\$201,857,025.61	\$186,122,514.77	\$126,844,193.41	\$57,789,788.73	\$199,404,785.89	\$221,040,158.79							\$2,647,438,683.07
8.121827%	15.228426%	15.736041%	15.228426%	15.736041%	15.736041%	15.736041%	14.213198%								100.000000%
0.141852	0.265973	0.274839	0.265973	0.274839	0.274839	0.274839	0.248241								1.746555
\$49.65	\$93.09	\$96.19	\$93.09	\$96.19	\$96.19	\$96.19	\$86.89								\$611.29
8.121827%	15.228426%	15.736041%	15.228426%	15.736041%	15.736041%	15.736041%	14.213198%								100.000000%
4.060914	7.614213	7.868021	7.614213	7.868021	7.868021	7.868021	7.106599								50.000000
\$4,873.10	\$9,137.06	\$9,441.62	\$9,137.06	\$9,441.62	\$9,441.62	\$9,441.62	\$8,527.92								\$60,000.00
44.000000%	56.000000%														100.000000%
404.800000	515.200000														920.000000
\$436,758.96	\$555,875.04														\$992,634.00
8.121827%	15.228426%	15.736041%	15.228426%	15.736041%	15.736041%	15.736041%	14.213198%								100.000000%
4.060914	7.614213	7.868021	7.614213	7.868021	7.868021	7.868021	7.106599								50.000000
\$629.44	\$1,180.20	\$1,219.54	\$1,180.20	\$1,219.54	\$1,219.54	\$1,219.54	\$1,101.54								\$7,750.00

44.000000% 56.000000%
404.800000 515.200000
\$436,758.96 \$555,875.04

REPRESENTANTE COMUN: ING. HECTOR RAÚL HUERTA AVENDAÑO

México Proyectos y Desarrollos S.A. de C.V., México Compañía Constructora S.A. de C.V., Acciona Infraestructuras México S.A. de C.V. y Acciona Construcción S.A.



Licitación No: LO-021W3N003-E325-2020

Ciente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022
PLANCHUELA	Planchuela	PZA	160.0000																	
PORTICO POLIVALENTE	Pórtico polivalentes para creación de canaleta + lote montaje top/down sistema ERS		0.045838																	
PREARMADO FIJACION P	Prearmado de fijación en planta	durmient	260,233.68764																	
ROLLO	Rollo de soldadura en alambre 15 kg	ROLLO	4,025.873509																	
SEDRA ERS	Sistema edilon sedra ERS	ml-via	144.190763																	
			Monto esta hoja: Acumulado:												\$46,928,750.99	\$110,720,914.08	\$133,325,323.59	\$136,995,659.57	\$148,654,761.34	\$159,575,220.00
SETFIJACION	SET DE FIJACION PARA RIEL 115er	PZA	242,548.0000																	
SOLD ALUMINOTERMIC	Soldadura aluminotermica	JGO	5.82185																	
TIRAFONDO	Tirafondo	PZA	2,220.0000																	
TOPERA LL-2-9-D	Topera Llalco deslizando con capsulas gas-hidraulicas laterales desmontable Llalco LL-2-9-D-D (PRECIO MADRID, ESPAÑA)	PZA	3.99506																	
TORNILLO VIA	Tornillo de via 1" x 6" con tuerca	PZA	740.0000																	
6	TOTAL SISTEMAS DE VÍA ACUMULADO SISTEMAS DE VÍA PORCENTAJE PERIODO SISTEMAS DE VÍA PORCENTAJE ACUMULADO SISTEMAS DE VÍA OBRAS COMPLEMENTARIAS URBANIZACION GENERAL																			
103247-1130	Gasolina Magna	lts	325,980.444761																1.558442%	7.792208%
																			5080.216163	25401.074295
																			\$95,405.46	\$477,032.18
ACARRE003	TARIFA DE ACARREO 1ER. KM.	m3	40,988.2464																1.523082%	7.615407%
																			624.284536	3121.421881
																			\$1,685.57	\$8,427.84
			Monto esta hoja: Acumulado:												\$46,928,750.99	\$110,720,914.08	\$133,325,323.59	\$136,995,659.57	\$148,751,853.37	\$160,060,680.02
ACARRE004	TARIFA DE ACARREO KMS. SUBSECUENTES	M3-KM	785,909.7816																1.509258%	7.546288%
																			11861.406191	59307.015732
																			\$23,722.81	\$118,614.03
ACEITE	Aceite	lts	30,810.179891	0.156293%	0.208390%	0.208390%	0.312585%	0.312585%	0.312585%	0.312585%	0.312585%	0.312585%	0.312585%	0.416780%	0.416780%	0.416780%	0.416780%	1.812133%	7.341448%	
				48.154019	64.205358	64.205358	96.308038	96.308038	96.308038	96.308038	96.308038	96.308038	96.308038	128.410717	128.410717	128.410717	128.410717	558.321590	2261.913192	
				\$3,274.47	\$4,365.96	\$4,365.96	\$6,548.95	\$6,548.95	\$6,548.95	\$6,548.95	\$6,548.95	\$6,548.95	\$6,548.95	\$8,731.93	\$8,731.93	\$8,731.93	\$8,731.93	\$37,965.87	\$153,810.10	
ACERO	Acero de refuerzo Fy= 4,200 kg/cm2	kg	10,852,227.124604																1.558442%	7.792208%
																			169125.665445	845628.110182
																			\$2,680,641.80	\$13,403,205.55
CALHIDRA	CALHIDRA	kg	6,366.8736																1.558442%	7.792208%
																			99.224032	496.120034
																			\$228.22	\$1,141.08

REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO

000497



Formato ECO-11-3

Fecha: 15/01/2021
Duración: 943 días
Inicio obra: 05/02/2021
Fin obra: 05/09/2023

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
								44.000000%	56.000000%						100.000000%
								70.400000	89.600000						160.000000
								\$168,097.60	\$213,942.40						\$382,040.00
8.121822%	15.228427%	15.736046%	15.228427%	15.228427%	15.736046%	15.736046%	14.213188%								100.000000%
0.003723	0.006980	0.007213	0.007213	0.006980	0.007213	0.007213	0.006515								0.045838
\$10,554.25	\$19,789.24	\$20,448.88	\$19,789.24	\$20,448.88	\$20,448.88	\$20,448.88	\$18,469.94								\$129,949.31
9.965199%	17.585646%	18.171833%	17.585646%	18.171833%	18.171833%	11.723763%		2.990275%	3.805804%						100.000000%
25932.805276	45763.774729	47289.231865	45763.774729	47289.231865	47289.231865	30509.181536		7781.702562	9903.985078						260233.687640
\$1,944,960.40	\$3,432,283.10	\$3,546,692.39	\$3,432,283.10	\$3,546,692.39	\$3,546,692.39	\$2,268,188.61		\$583,627.69	\$742,798.89						\$19,517,526.57
7.352650%	13.757184%	14.215758%	13.757184%	14.215758%	14.215758%	12.840039%		4.322139%	5.323529%						100.000000%
296.008390	553.846844	572.308433	553.846844	572.308433	572.308433	516.923735		174.003864	214.318533						4025.873509
\$355,210.07	\$664,616.21	\$686,770.12	\$664,616.21	\$686,770.12	\$686,770.12	\$620,308.48		\$208,804.64	\$257,182.24						\$4,831,048.21
8.121827%	15.228426%	15.736041%	15.228426%	15.736041%	15.736041%	14.213198%									100.000000%
11.710924	21.957984	22.689918	21.957984	22.689918	22.689918	20.494119									144.190763
\$110,782.06	\$207,716.38	\$214,640.27	\$207,716.38	\$214,640.27	\$214,640.27	\$193,868.61									\$1,364,004.24
\$177,434,797.89	\$2,427,058.97	\$4,334,815.28	\$4,479,309.01	\$4,334,815.28	\$4,479,309.01	\$3,220,805.23	\$842,363.38	\$1,397,288.89	\$1,769,798.57						\$27,285,563.62
\$276,136,426.98	\$235,111,658.64	\$240,737,886.05	\$206,191,840.89	\$190,601,823.78	\$130,064,998.64	\$58,632,152.11	\$200,802,074.78	\$222,809,957.36							\$2,674,724,246.69
10.691824%	18.867925%	19.496855%	18.867925%	19.496855%	12.578616%										100.000000%
25932.805276	45763.774729	47289.231865	45763.774729	47289.231865	30509.181536										242548.000000
\$14,003,714.85	\$24,712,438.35	\$25,536,185.21	\$24,712,438.35	\$25,536,185.21	\$16,474,958.03										\$130,975,920.00
8.121827%	15.228426%	15.736041%	15.228426%	15.736041%	15.736041%	14.213198%									100.000000%
0.472841	0.886576	0.916129	0.886576	0.916129	0.916129	0.827471									5.821850
\$2,177.43	\$4,082.68	\$4,218.77	\$4,082.68	\$4,218.77	\$4,218.77	\$3,810.52									\$26,809.62
								44.000000%	56.000000%						100.000000%
								976.800000	1243.200000						2220.000000
								\$74,236.80	\$94,483.20						\$168,720.00
								44.000000%	56.000000%						100.000000%
								1.757826	2.237234						3.995060
								\$885,816.01	\$1,127,402.19						\$2,013,218.20
1.097544%	2.057895%	2.126492%	2.057895%	2.126492%	2.126492%	1.920702%		38.054054%	48.432432%						100.000000%
8.121827	15.228426	15.736041	15.228426	15.736041	15.736041	14.213198		281.600000	358.400000						740.000000
\$964.47	\$1,808.38	\$1,868.65	\$1,808.38	\$1,868.65	\$1,868.65	\$1,687.82		\$33,440.00	\$42,560.00						\$87,875.00
\$75,572,642.30	\$133,919,715.58	\$138,383,701.17	\$133,180,374.13	\$136,620,656.11	\$91,726,470.44	\$9,123,195.37	\$146,975,993.94	\$186,938,559.16							
\$75,572,642.30	\$209,492,357.88	\$347,876,059.05	\$481,056,433.18	\$617,677,089.29	\$709,403,559.73	\$718,526,755.10	\$865,502,749.04	\$1,052,441,308.20	\$1,052,441,308.20	\$1,052,441,308.20	\$1,052,441,308.20	\$1,052,441,308.20	\$1,052,441,308.20	\$1,052,441,308.20	
7.18%	12.72%	13.15%	12.65%	12.98%	8.72%	0.87%	13.97%	17.76%							
7.18%	19.91%	33.05%	45.71%	58.69%	67.41%	68.27%	82.24%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
8.051948%	8.051948%	7.792208%	8.051948%	7.792208%	8.051948%	8.051948%	7.272727%	8.051948%	7.792208%	8.051948%					100.000000%
26247.775902	26247.775902	25401.074295	26247.775902	25401.074295	26247.775902	26247.775902	23707.667821	26247.775902	25401.074295	26247.775902					325980.444761
\$492,933.23	\$492,933.23	\$477,032.18	\$492,933.23	\$477,032.18	\$492,933.23	\$492,933.23	\$445,230.00	\$492,933.23	\$477,032.18	\$492,933.23					\$6,121,912.75
7.869254%	7.869254%	7.615407%	7.869254%	8.083993%	8.633789%	8.633789%	7.379000%	7.869254%	7.615407%	7.869254%					100.000000%
3225.469170	3225.469170	3121.421881	3225.469170	3313.487099	3538.838733	3538.838733	3024.522556	3225.469170	3121.421881	3225.469170					40988.246400
\$8,708.77	\$8,708.77	\$8,427.84	\$8,708.77	\$8,946.42	\$13,849,978.61	\$9,554.86	\$8,166.21	\$8,708.77	\$8,427.84	\$8,708.77					\$3,932.98
\$501,642.00	\$14,508,498.75	\$25,203,789.43	\$26,043,914.63	\$25,204,308.01	\$26,044,760.72	\$16,983,533.54	\$458,894.55	\$1,495,134.81	\$1,749,905.41	\$501,642.00					\$139,505,123.84
\$177,936,439.89	\$290,644,925.73	\$260,315,448.07	\$266,781,800.68	\$231,396,148.90	\$216,646,584.50	\$147,048,532.18	\$59,091,046.66	\$202,297,209.59	\$224,559,862.77	\$501,642.00					\$2,814,229,370.53
7.797831%	7.797831%	7.546288%	7.797831%	8.198065%	8.861256%	8.861256%	7.420546%	7.797831%	7.546288%	7.797831%					100.000000%
61283.914227	61283.914227	59307.015732	61283.914227	64429.395102	69641.480488	69641.480488	58318.799240	61283.914227	59307.015732	61283.914227					785909.781600
\$122,567.83	\$122,567.83	\$118,614.03	\$122,567.83	\$128,858.79	\$139,282.96	\$139,282.96	\$116,637.60	\$122,567.83	\$118,614.03	\$122,567.83					\$1,571,819.56
7.521909%	7.521909%	7.289350%	7.521909%	7.298716%	7.537189%	7.537189%	6.829654%	7.521909%	7.289350%	7.521909%					100.000000%
2317.513572	2317.513572	2245.861852	2317.513572	2248.747392	2322.221558	2322.221558	2104.228711	2317.513572	2245.861852	2317.513572					30810.179891
\$157,590.92	\$157,590.92	\$152,718.61	\$157,590.92	\$152,914.82	\$157,911.07	\$157,911.07	\$143,087.55	\$157,590.92	\$152,718.61	\$157,590.92					\$2,095,092.23
8.051948%	8.051948%	7.792208%	8.051948%	7.792208%	8.051948%	8.051948%	7.272727%	8.051948%	7.792208%	8.051948%					100.000000%
873815.684915	873815.684915	845628.110182	873815.684915	845628.110182	873815.684915	873815.684915	789252.852192	873815.684915	845628.110182	873815.684915					10852227.124604
\$13,849,978.61	\$13,849,978.61	\$13,403,205.55	\$13,849,978.61	\$13,403,205.55	\$13,849,978.61	\$13,849,978.61	\$12,509,657.71	\$13,849,978.61	\$13,403,205.55	\$13,849,978.61					\$172,007,799.92
8.051948%	8.051948%	7.792208%	8.051948%	7.792208%	8.051948%	8.051948%	7.272727%	8.051948%	7.792208%	8.051948%					100.000000%
512.657352	512.657352	496.120034	512.657352	496.120034	512.657352	512.657352	463.045335	512.657352	496.120034	512.657352					6366.873600
\$1,179.11	\$1,179.11	\$1,141.08	\$1,179.11	\$1,141.08	\$1,179.11	\$1,179.11	\$1,065.00	\$1,179.11	\$1,141.08	\$1,179.11					\$14,643.81



Formato
ECO-11-3

Fecha: 15/01/2021
Duración: 943 días
Inicio obra: 05/02/2021
Fin obra: 05/09/2023

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
8.051948%	8.051948%	7.792208%	8.051948%	7.792208%	8.051948%	8.051948%	7.272727%	8.051948%	7.792208%	8.051948%	3.636363%				100.000000%
41.012588	41.012588	39.689603	41.012588	39.689603	41.012588	41.012588	37.043627	41.012588	39.689603	41.012588	18.521811				509.349888
\$4,302.22	\$4,302.22	\$4,163.44	\$4,302.22	\$4,163.44	\$4,302.22	\$4,302.22	\$3,885.88	\$4,302.22	\$4,163.44	\$4,302.22	\$1,942.93				\$53,430.80
6.647662%	6.647662%	6.459930%	6.647662%	6.485675%	6.689668%	6.689668%	6.099369%	6.647662%	6.459930%	6.647662%	3.456205%	0.827947%	0.827947%	1.379911%	100.000000%
28554.268512	28554.268512	27747.884860	28554.268512	27858.471206	28734.698864	28734.698864	26199.138126	28554.268512	27747.884860	28554.268512	14845.730903	3556.350459	3556.350459	5927.250766	429538.502564
\$551,097.38	\$551,097.38	\$535,534.18	\$551,097.38	\$537,668.49	\$554,579.69	\$554,579.69	\$505,643.37	\$551,097.38	\$535,534.18	\$551,097.38	\$286,522.61	\$68,637.56	\$68,637.56	\$114,395.98	\$8,290,093.10
3.000000%	3.000000%	3.000000%	3.000000%	3.000000%	3.000000%	3.000000%	3.000000%	2.999997%	3.000000%	3.000000%	3.000000%	3.000000%	3.000000%	5.000000%	100.000000%
0.078299	0.078299	0.078299	0.078299	0.078299	0.078299	0.078299	0.078299	0.078299	0.078299	0.078299	0.078299	0.078299	0.078299	0.130499	2.609974
\$3,112.39	\$3,112.39	\$3,112.39	\$3,112.39	\$3,112.39	\$3,112.39	\$3,112.39	\$3,112.39	\$3,112.39	\$3,112.39	\$3,112.39	\$3,112.39	\$3,112.39	\$3,112.39	\$5,187.39	\$103,746.46
8.051948%	8.051948%	7.792208%	8.051948%	7.792208%	8.051948%	8.051948%	7.272727%	8.051948%	7.792208%	8.051948%	3.636363%				100.000000%
0.599287	0.599287	0.579955	0.599287	0.579955	0.599287	0.599287	0.541291	0.599287	0.579955	0.599287	0.270646				7.442757
\$16,564.77	\$16,564.77	\$16,030.42	\$16,564.77	\$16,030.42	\$16,564.77	\$16,564.77	\$14,961.73	\$16,564.77	\$16,030.42	\$16,564.77	\$7,480.88				\$205,723.77
				20.650883%	33.696135%	33.696135%	11.956848%								100.000000%
				0.000172	0.000281	0.000281	0.000100								0.00833
				\$6.20	\$10.11	\$10.11	\$3.58								\$30.00
\$14,706,393.23	\$14,706,393.23	\$14,234,519.70	\$14,706,393.23	\$14,247,101.18	\$14,726,920.93	\$14,726,920.93	\$13,298,054.81	\$14,706,393.23	\$14,234,519.70	\$14,706,393.23	\$6,684,533.89	\$78,298.90	\$78,298.90	\$130,498.25	\$184,342,379.65
\$192,642,833.12	\$305,351,318.96	\$274,549,967.77	\$281,488,193.91	\$245,643,250.08	\$231,373,505.43	\$161,775,453.11	\$72,389,101.47	\$217,003,602.82	\$238,794,382.47	\$15,208,035.23	\$6,911,081.83	\$78,298.90	\$78,298.90	\$130,498.25	\$2,998,571,750.18
8.043765%	8.043765%	7.784289%	8.043765%	7.805277%	8.078006%	8.078006%	7.277487%	8.043765%	7.784289%	8.043765%	3.632668%				100.000000%
0.079157	0.079157	0.076604	0.079157	0.076810	0.079494	0.079494	0.071616	0.079157	0.076604	0.079157	0.035748				0.984080
\$1,741.46	\$1,741.46	\$1,685.28	\$1,741.46	\$1,689.82	\$1,748.87	\$1,748.87	\$1,575.56	\$1,741.46	\$1,685.28	\$1,741.46	\$786.43				\$21,649.75
7.708348%	7.708348%	7.459689%	7.708348%	8.340982%	9.146243%	9.146243%	7.472601%	7.708348%	7.459689%	7.708348%	3.481185%				100.000000%
0.008400	0.008400	0.008129	0.008400	0.009089	0.009967	0.009967	0.008143	0.008400	0.008129	0.008400	0.003793				0.108968
\$326.97	\$326.97	\$316.42	\$326.97	\$353.80	\$387.96	\$387.96	\$316.97	\$326.97	\$316.42	\$326.97	\$147.67				\$4,241.75
				20.650883%	33.696135%	33.696135%	11.956848%								100.000000%
				0.000172	0.000281	0.000281	0.000100								0.00833
				\$2.07	\$3.37	\$3.37	\$1.19								\$10.00
8.051948%	8.051948%	7.792208%	8.051948%	7.792208%	8.051948%	8.051948%	7.272727%	8.051948%	7.792208%	8.051948%	3.636363%				100.000000%
32708.607062	32708.607062	31653.491753	32708.607062	31653.491753	32708.607062	32708.607062	29543.257074	32708.607062	31653.491753	32708.607062	14771.626506				406219.800000
\$570.438.11	\$570.438.11	\$552.036.90	\$570.438.11	\$552.036.90	\$570.438.11	\$570.438.11	\$515.234.40	\$570.438.11	\$552.036.90	\$570.438.11	\$257.617.13				\$7,084,473.31
8.051948%	8.051948%	7.792208%	8.051948%	7.792208%	8.051948%	8.051948%	7.272727%	8.051948%	7.792208%	8.051948%	3.636363%				100.000000%
48610.775290	48610.775290	47042.687322	48610.775290	47042.687322	48610.775290	48610.775290	43906.505350	48610.775290	47042.687322	48610.775290	21953.249656				603714.471200
\$855,549.64	\$855,549.64	\$827,951.30	\$855,549.64	\$827,951.30	\$855,549.64	\$855,549.64	\$772,754.49	\$855,549.64	\$827,951.30	\$855,549.64	\$388,377.22				\$10,625,374.69
8.051948%	8.051948%	7.792208%	8.051948%	7.792208%	8.051948%	8.051948%	7.272727%	8.051948%	7.792208%	8.051948%	3.636363%				100.000000%
33141.428711	33141.428711	32072.351428	33141.428711	32072.351428	33141.428711	33141.428711	29934.192745	33141.428711	32072.351428	33141.428711	14967.094315				411595.165680
\$4,855,219.31	\$4,855,219.31	\$4,698,599.48	\$4,855,219.31	\$4,698,599.48	\$4,855,219.31	\$4,855,219.31	\$4,385,359.24	\$4,855,219.31	\$4,698,599.48	\$4,855,219.31	\$2,192,679.30				\$60,298,691.77
8.051948%	8.051948%	7.792208%	8.051948%	7.792208%	8.051948%	8.051948%	7.272727%	8.051948%	7.792208%	8.051948%	3.636363%				100.000000%
30962.409256	30962.409256	29963.622853	30962.409256	29963.622853	30962.409256	30962.409256	27966.046201	30962.409256	29963.622853	30962.409256	13983.021178				384533.149687
\$433,164.11	\$433,164.11	\$419,191.08	\$433,164.11	\$419,191.08	\$433,164.11	\$433,164.11	\$391,244.99	\$433,164.11	\$419,191.08	\$433,164.11	\$195,622.44				\$5,379,618.76
8.051948%	8.051948%	7.792208%	8.051948%	7.792208%	8.051948%	8.051948%	7.272727%	8.051948%	7.792208%	8.051948%	3.636363%				100.000000%
22896.024943	22896.024943	22157.444227	22896.024943	22157.444227	22896.024943	22896.024943	20680.279952	22896.024943	22157.444227	22896.024943	10340.138554				284353.860000
\$2,747,522.99	\$2,747,522.99	\$2,658,893.31	\$2,747,522.99	\$2,658,893.31	\$2,747,522.99	\$2,747,522.99	\$2,481,633.59	\$2,747,522.99	\$2,658,893.31	\$2,747,522.99	\$1,240,816.64				\$34,122,463.20
8.051948%	8.051948%	7.792208%	8.051948%	7.792208%	8.051948%	8.051948%	7.272727%	8.051948%	7.792208%	8.051948%	3.636363%				100.000000%
654.172141	654.172141	633.069835	654.172141	633.069835	654.172141	654.172141	590.865141	654.172141	633.069835	654.172141	295.432530				8124.396000
\$699,722.15	\$699,722.15	\$677,150.49	\$699,722.15	\$677,150.49	\$699,722.15	\$699,722.15	\$632,007.08	\$699,722.15	\$677,150.49	\$699,722.15	\$316,003.47				\$8,690,097.69
\$10,163,684.74	\$10,163,684.74	\$9,835,824.26	\$10,163,684.74	\$9,835,868.25	\$10,163,756.51	\$10,163,756.51	\$9,180,127.51	\$10,163,684.74	\$9,835,824.26	\$10,163,684.74	\$4,590,050.30	\$78,298.90	\$78,298.90	\$130,498.25	\$126,226,620.92
\$202,806,517.86	\$315,515,003.70	\$284,385,792.03	\$291,651,878.65	\$255,479,118.33	\$241,537,261.94	\$171,939,209.62	\$81,569,228.98	\$227,167,287.56	\$248,630,206.73	\$25,371,719.97	\$11,501,132.13	\$78,298.90	\$78,298.90	\$130,498.25	\$3,124,798,371.10
8.051948%	8.051948%	7.792208%	8.051948%	7.792208%	8.051948%	8.051948%	7.272727%	8.051948%	7.792208%	8.051948%	3.636363%				100.000000%
22896.024943	22896.024943	22157.444227	22896.024943	22157.444227	22896.024943	22896.024943	20680.279952	22896.024943	22157.444227	22896.024943	10340.138554				284353.860000
\$29,003,539.60	\$29,003,539.60	\$28,067,942.48	\$29,003,539.60	\$28,067,942.48	\$29,003,539.60	\$29,003,539.60	\$26,196,744.63	\$29,003,539.60	\$28,067,942.48	\$29,003,539.60	\$13,098,370.47				\$360,205,252.16
8.051948%	8.051948%	7.792208%	8.051948%	7.792208%	8.051948%	8.051948%	7.272727%	8.051948%	7.792208%	8.051948%	3.636363%				100.000000%
179725.563025	179725.563025	173927.969978	179725.563025	173927.969978	179725.563025	179725.563025	162332.761563	179725.563025	173927.969978	179725.563025	81166.369621				2232075.555200
\$1,374,900.56	\$1,374,900.56	\$1,330,548.97	\$1,374,900.56	\$1,330,548.97	\$1,374,900.56	\$1,374,900.56	\$1,241,845.63	\$1,374,900.56	\$1,330,548.97	\$1,374,900.56	\$620,922.71				\$17,075,378.00
8.051948%	8.051948%	7.792208%	8.051948%	7.792208%	8.051948%	8.051948%	7.272727%	8.051948%	7.792208%	8.051948%	3.636363%				100.000000%
23648.100398	23648.100398	22885.259208	23648.10039												



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022
BANCO																				
MOD-001	Malla ciclonica Calibre 6. de 2000x2500 mm.	ml	110,536.0000																1.558442%	7.792208%
																			1722.639449	8613.195035
																			\$835,480.13	\$4,177,399.59
QH001	HILO PLÁSTICO	ml	9,550.3104																1.558442%	7.792208%
																			148.836048	744.180051
																			\$44.65	\$223.25
REGDESP	REGALIA BANCO DE TIRO	m3	40,058.2464																1.558442%	7.792208%
																			624.284536	3121.421881
																			\$6,242.85	\$31,214.22
	TOTAL OBRAS COMPLEMENTARIAS - URBANIZACION GENERAL			\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$104,398.54	\$104,398.54	\$104,398.54	\$104,398.54	\$11,846,576.59	\$58,802,223.78
	ACUMULADO OBRAS COMPLEMENTARIAS - URBANIZACION GENERAL			\$39,149.45	\$91,348.72	\$143,547.99	\$221,846.89	\$300,145.79	\$378,444.69	\$456,743.59	\$535,042.49	\$613,341.39	\$691,640.29	\$769,939.19	\$874,337.73	\$978,736.27	\$1,083,134.81	\$1,187,533.35	\$13,034,109.94	\$71,836,333.72
	Monto esta hoja:																		\$6,846,675.76	\$34,233,369.98
	Acumulado:			\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$47,033,149.53	\$110,825,312.62	\$133,429,722.13	\$137,100,058.11	\$160,501,337.93	\$218,377,443.78
	PORCENTAJE PERIODO OBRAS COMPLEMENTARIAS - URBANIZACION GENERAL			0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	1.57%	7.78%
	PORCENTAJE ACUMULADO OBRAS COMPLEMENTARIAS - URBANIZACION GENERAL			0.01%	0.01%	0.02%	0.03%	0.04%	0.05%	0.06%	0.07%	0.08%	0.09%	0.10%	0.12%	0.13%	0.14%	0.16%	1.72%	9.50%
7	MEDIDAS DE MITIGACIÓN DE IMPACTO AMBIENTAL																			
103205-1070	Thiner estandar comex	lts	44.800998																	
103215-1105	SOLDADURA ELECTRODO SERIE E-60	kg	4,522.0483																	
103215-2035	OXIGENO INDUSTRIAL INFRA CILINDRO DE m3 20 KG		83.8970																	
103247-1130	Gasolina Magna	lts	42.048011																	
175125-3125	Pernos tipo nelson auto-soldables de 1.9X8.9 cm PZA		6,943.2000																	
910205-1235	LLANTAS PARA SOLDADORA ELECTRICA DE JGO 300A MCA MILLER MOD AC-300		0.466094																	
ACARRE003	TARIFA DE ACARREO 1ER. KM.	m3	57.8600																	
	Monto esta hoja:																		\$6,846,675.76	\$34,233,369.98
	Acumulado:			\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$47,033,149.53	\$110,825,312.62	\$133,429,722.13	\$137,100,058.11	\$160,501,337.93	\$218,377,443.78
ACARRE004	TARIFA DE ACARREO KMS. SUBSECUENTES	M3-KM	1,099.3400																	
ACEITE	Aceite	lts	77.196521																	
ACERO	Acero de refuerzo F'y= 4,200 kg/cm2	kg	9.919056																	
CALHIDRA	CALHIDRA	kg	41.6592																	
CM027	Malla electrosoldada 6-6 / 10-10	m2	2.036.6720																	

REPRESENTANTE COMÚN: ING. NÉCTOR RAÚL HUERTA AVENDAÑO



Fecha: 15/01/2021
Duración: 943 días
Inicio obra: 05/02/2021
Fin obra: 05/09/2023

Formato
ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
					192.065218	313.369564	313.369564	111.195655							930.000000
					\$27,849.46	\$45,438.59	\$45,438.59	\$16,123.36							\$134,850.00
8.051948%	8.051948%	7.792208%	8.051948%	7.792208%	8.051948%	8.051948%	7.272727%	8.051948%	7.792208%	8.051948%	3.636363%				100.000000%
8900.301241	8900.301241	8613.195035	8900.301241	8613.195035	8900.301241	8900.301241	8038.981517	8900.301241	8613.195035	8900.301241	4019.490206				110536.000000
\$4,316,646.10	\$4,316,646.10	\$4,177,399.59	\$4,316,646.10	\$4,177,399.59	\$4,316,646.10	\$4,316,646.10	\$3,898,906.04	\$4,316,646.10	\$4,177,399.59	\$4,316,646.10	\$1,949,452.77				\$53,609,960.00
8.051948%	8.051948%	7.792208%	8.051948%	7.792208%	8.051948%	8.051948%	7.272727%	8.051948%	7.792208%	8.051948%	3.636363%				100.000000%
768.986027	768.986027	744.180051	768.986027	744.180051	768.986027	768.986027	694.568003	768.986027	744.180051	768.986027	347.283954				9550.310400
\$230.70	\$230.70	\$223.25	\$230.70	\$223.25	\$230.70	\$230.70	\$208.37	\$230.70	\$223.25	\$230.70	\$104.17				\$2,865.09
8.051948%	8.051948%	7.792208%	8.051948%	7.792208%	8.051948%	8.051948%	7.272727%	8.051948%	7.792208%	8.051948%	3.636363%				100.000000%
3225.469170	3225.469170	3121.421881	3225.469170	3121.421881	3225.469170	3225.469170	2913.326902	3225.469170	3121.421881	3225.469170	1456.663251				40058.246400
\$32,254.69	\$32,254.69	\$31,214.22	\$32,254.69	\$31,214.22	\$32,254.69	\$32,254.69	\$29,133.27	\$32,254.69	\$31,214.22	\$32,254.69	\$14,566.63				\$400,582.46
\$60,746,201.12	\$60,746,201.12	\$58,789,173.96	\$60,746,201.12	\$58,830,497.90	\$60,813,624.40	\$60,813,624.40	\$54,899,036.47	\$60,746,201.12	\$58,789,173.96	\$60,746,201.12	\$27,476,701.46	\$78,298.90	\$78,298.90	\$130,498.25	
\$132,582,534.84	\$193,328,735.96	\$252,117,909.92	\$312,864,111.04	\$371,694,608.94	\$432,508,233.34	\$493,321,857.74	\$548,220,894.21	\$608,967,095.33	\$667,756,269.29	\$728,502,470.41	\$755,979,171.87	\$756,057,470.77	\$756,135,769.67	\$756,266,267.92	
\$35,374,481.15	\$35,374,481.15	\$34,233,369.98	\$35,374,481.15	\$34,261,549.87	\$35,420,458.87	\$35,420,458.87	\$31,967,457.94	\$35,374,481.15	\$34,233,369.98	\$35,374,481.15	\$15,975,569.33	\$78,298.90	\$78,298.90	\$130,498.25	\$439,464,686.33
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$276,957,720.81	\$207,359,668.49	\$113,536,686.92	\$262,541,768.71	\$282,863,576.71	\$60,746,201.12	\$27,476,701.46	\$78,298.90	\$78,298.90	\$130,498.25	\$3,564,263,057.43
8.03%	8.03%	7.77%	8.03%	7.78%	8.04%	8.04%	7.26%	8.03%	7.77%	8.03%	3.63%	0.01%	0.01%	0.02%	
17.53%	25.56%	33.34%	41.37%	49.15%	57.19%	65.23%	72.49%	80.52%	88.30%	96.33%	99.96%	99.97%	99.98%	100.00%	
					10.404624%	17.919075%	16.184971%	17.919075%	17.341040%	17.919075%	2.312140%				100.000000%
					4.661375	8.027924	7.251029	8.027924	7.768959	8.027924	1.035862				44.800998
					\$83.72	\$144.18	\$130.23	\$144.18	\$139.53	\$144.18	\$18.61				\$804.63
					10.404624%	17.919075%	16.184971%	17.919075%	17.341040%	17.919075%	2.312140%				100.000000%
					470.502123	810.309226	731.892206	810.309226	784.170205	810.309226	104.556088				4522.048300
					\$18,114.33	\$31,196.91	\$28,177.85	\$31,196.91	\$30,190.55	\$31,196.91	\$4,025.40				\$174,098.86
					10.404624%	17.919075%	16.184971%	17.919075%	17.341040%	17.919075%	2.312140%				100.000000%
					8.729167	15.033566	13.578705	15.033566	14.548612	15.033566	1.939816				83.897000
					\$490.58	\$844.89	\$763.12	\$844.89	\$817.63	\$844.89	\$109.01				\$4,715.01
					10.404624%	17.919075%	16.184971%	17.919075%	17.341040%	17.919075%	2.312140%				100.000000%
					4.374937	7.534615	6.805458	7.534615	7.291562	7.534615	0.972209				42.048011
					\$82.16	\$141.50	\$127.81	\$141.50	\$136.94	\$141.50	\$18.25				\$789.66
					10.404624%	17.919075%	16.184971%	17.919075%	17.341040%	17.919075%	2.312140%				100.000000%
					722.413854	1244.157215	1123.754906	1244.157215	1204.023089	1244.157215	160.536504				6943.200000
					\$6,140.52	\$10,575.34	\$9,551.92	\$10,575.34	\$10,234.20	\$10,575.34	\$1,364.54				\$59,017.20
					10.404625%	17.919075%	16.184971%	17.919075%	17.341039%	17.919075%	2.312141%				100.000000%
					0.048495	0.083520	0.075437	0.083520	0.080826	0.083520	0.010777				0.466094
					\$12.12	\$20.88	\$18.86	\$20.88	\$20.21	\$20.88	\$2.69				\$116.52
					10.404624%	17.919075%	16.184971%	17.919075%	17.341040%	17.919075%	2.312140%				100.000000%
					6.020115	10.367977	9.364624	10.367977	10.033526	10.367977	1.337804				57.860000
					\$16.25	\$27.99	\$25.28	\$27.99	\$27.09	\$27.99	\$3.63				\$156.22
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$24,939.68	\$42,951.69	\$38,795.07	\$42,951.69	\$41,566.15	\$42,951.69	\$5,542.13	\$78,298.90	\$78,298.90	\$130,498.25	\$239,698.10
					\$276,982,660.49	\$207,402,620.18	\$113,575,481.99	\$262,584,720.40	\$282,905,142.86	\$60,789,152.81	\$27,482,243.59				\$3,564,502,755.53
					10.404624%	17.919075%	16.184971%	17.919075%	17.341040%	17.919075%	2.312140%				100.000000%
					114.382193	196.991559	177.927860	196.991559	190.636989	196.991559	25.418280				1099.340000
					\$226.76	\$393.98	\$355.86	\$393.98	\$381.27	\$393.98	\$50.85				\$2,198.68
					10.404624%	17.919075%	16.184971%	17.919075%	17.341040%	17.919075%	2.312140%				100.000000%
					8.032008	13.832903	12.494235	13.832903	13.386680	13.832903	1.784892				77.196521
					\$546.18	\$940.64	\$849.61	\$940.64	\$910.29	\$940.64	\$121.36				\$5,249.36
					10.404624%	17.919075%	16.184971%	17.919075%	17.341040%	17.919075%	2.312140%				100.000000%
					1.032040	1.777403	1.605396	1.777403	1.720067	1.777403	0.229342				9.919056
					\$16.36	\$28.17	\$25.45	\$28.17	\$27.26	\$28.17	\$3.64				\$157.22
					10.404624%	17.919075%	16.184971%	17.919075%	17.341040%	17.919075%	2.312140%				100.000000%
					4.334483	7.464943	6.742529	7.464943	7.224139	7.464943	0.963219				41.659200
					\$9.97	\$17.17	\$15.51	\$17.17	\$16.62	\$17.17	\$2.21				\$95.82
					10.404624%	17.919075%	16.184971%	17.919075%	17.341040%	17.919075%	2.312140%				100.000000%
					211.908064	364.952783	329.634773	364.952783	353.180106	364.952783	47.090708				2036.672000

REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO

000502

México Proyectos y Desarrollos S.A. de C.V., México Compañía Constructora S.A. de C.V., Acciona Infraestructuras México S.A. de C.V. y Acciona Construcción S.A.



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022
CO06	PINTURA DE ESMALTE, MCA COMEX	lts	1,110.773136																	
DIESEL	DIESEL	lts	2,493.777727																	
LLCAMVOLTEO	LLANTAS CAMION TIPO VOLTEO MCA JGO MERCEDES		0.004924																	
LLEQRETM01	LLANTAS DE RETRO CON CARGADOR MCA JGO CAT MOD 416		0.007233																	
			Monto esta hoja: Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$47,033,149.53	\$110,825,312.62	\$133,429,722.13	\$137,100,058.11	\$160,501,337.93	\$218,377,443.78
LLPIPA	LLANTAS PIPA PARA AGUA	JGO	0.000116																	
MAACEROA36	ACERO ESTRUCTURAL A-36	kg	88,091.8500																	
MAAD0023	CURACONSA ROJO	lts	173.5800																	
MAALAMREC	Alambre Recocido No. 18	kg	121.5060																	
MACETILENO	ACETILENO	kg	67.1176																	
MACIMBR009	Triplay de pino de 16 mm. nacional (1 cara)	m2	43.3950																	
MACLAVO	CLAVO DE 2 1/2" A 3 1/2"	kg	55.476631																	
MACON0007	BOMBEO DE CONCRETO	m3	121.5060																	
MACON200	CONCRETO PREMEZCLADO ESTRUCTURAL m3 CLASE 1 fc = 200 kg/cm², RESISTENCIA NORMAL		115.7200																	
			Monto esta hoja: Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$47,033,149.53	\$110,825,312.62	\$133,429,722.13	\$137,100,058.11	\$160,501,337.93	\$218,377,443.78
MADERACIMB01	MADERA PARA CIMBRA	PT	219.8680																	
MADESENC001	DESENCOFRANTE	lts	28.9300																	
MAPANEL	panelesmodularesdePVC,compuestapordostipos	m2	7,664.1356																	
MAPANEL02	barreraacústicarealizadaconpanelesmodularesde	m2	1,284.4920																	
MAPPANTIC	PRIMARIO ALQUIDALICO ANTICORROSIVO lts ACABADO MATE COLOR ROJO OXIDO		335.5880																	


 REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
 Fin obra: 05/09/2023

Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total	
					\$3,157.43	\$5,437.80	\$4,911.56	\$5,437.80	\$5,262.38	\$5,437.80		\$701.64			\$30,346.41	
					10.404624%	17.919075%	16.184971%	17.919075%	17.341040%	17.919075%		2.312140%			100.000000%	
					115.571768	199.040271	179.778310	199.040271	192.619614	199.040271		25.682630			1110.773136	
					\$12,123.48	\$20,879.32	\$18,858.74	\$20,879.32	\$20,205.80	\$20,879.32		\$2,694.12			\$116,520.10	
					10.404624%	17.919075%	16.184971%	17.919075%	17.341040%	17.919075%		2.312140%			100.000000%	
					259.468196	446.861901	403.617202	446.861901	432.446993	446.861901		57.659632			2493.777727	
					\$5,007.74	\$8,624.43	\$7,789.81	\$8,624.43	\$8,346.23	\$8,624.43		\$1,112.84			\$48,129.91	
					10.404609%	17.919038%	16.184970%	17.919038%	17.341083%	17.919038%		2.312226%			100.000000%	
					0.000512	0.000882	0.000797	0.000882	0.000854	0.000882		0.000114			0.004924	
					\$13.00	\$22.38	\$20.22	\$22.38	\$21.66	\$22.38		\$2.89			\$124.91	
					10.404424%	17.919115%	16.184998%	17.919115%	17.341030%	17.919115%		2.312202%			100.000000%	
					0.000753	0.001296	0.001171	0.001296	0.001254	0.001296		0.000167			0.007233	
					\$20.80	\$35.82	\$32.36	\$35.82	\$34.67	\$35.82		\$4.62			\$199.91	
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$21,123.72	\$36,379.71	\$32,859.12	\$36,379.71	\$35,206.18	\$36,379.71	\$4,694.17	\$27,486,937.76	\$78,298.90	\$78,298.90	\$130,498.25	\$203,022.32
					10.404424%	17.922572%	16.185620%	17.922572%	17.343588%	17.922572%		2.298652%			100.000000%	
					0.000012	0.000021	0.000019	0.000021	0.000020	0.000021		0.000003			0.000116	
					\$0.27	\$0.46	\$0.41	\$0.46	\$0.44	\$0.46		\$0.05			\$2.55	
					10.404624%	17.919075%	16.184971%	17.919075%	17.341040%	17.919075%		2.312140%			100.000000%	
					9165.625767	15785.244670	14257.640376	15785.244670	15276.042945	15785.244670		2036.806901			88091.850000	
					\$235,556.58	\$405,680.79	\$366,421.36	\$405,680.79	\$392,594.30	\$405,680.79		\$52,345.94			\$2,263,960.55	
					10.404624%	17.919075%	16.184971%	17.919075%	17.341040%	17.919075%		2.312140%			100.000000%	
					18.060346	31.103930	28.093873	31.103930	30.100577	31.103930		4.013413			173.580000	
					\$314.97	\$542.45	\$489.96	\$542.45	\$524.95	\$542.45		\$70.01			\$3,027.24	
					10.404624%	17.919075%	16.184971%	17.919075%	17.341040%	17.919075%		2.312140%			100.000000%	
					12.642242	21.772751	19.665711	21.772751	21.070404	21.772751		2.809389			121.506000	
					\$222.50	\$383.20	\$346.12	\$383.20	\$370.84	\$383.20		\$49.45			\$2,138.51	
					10.404624%	17.919075%	16.184971%	17.919075%	17.341040%	17.919075%		2.312140%			100.000000%	
					6.983334	12.026853	10.862964	12.026853	11.638890	12.026853		1.551853			67.117600	
					\$838.00	\$1,443.22	\$1,303.56	\$1,443.22	\$1,396.67	\$1,443.22		\$186.22			\$8,054.11	
					10.404624%	17.919075%	16.184971%	17.919075%	17.341040%	17.919075%		2.312140%			100.000000%	
					4.515087	7.775983	7.023468	7.775983	7.525144	7.775983		1.003353			43.395000	
					\$661.46	\$1,139.18	\$1,028.94	\$1,139.18	\$1,102.43	\$1,139.18		\$147.00			\$6,357.37	
					10.404624%	17.919075%	16.184971%	17.919075%	17.341040%	17.919075%		2.312140%			100.000000%	
					5.772135	9.940899	8.978877	9.940899	9.620225	9.940899		1.282697			55.476631	
					\$80.75	\$139.07	\$125.61	\$139.07	\$134.59	\$139.07		\$17.96			\$776.12	
					10.404624%	17.919075%	16.184971%	17.919075%	17.341040%	17.919075%		2.312140%			100.000000%	
					12.642242	21.772751	19.665711	21.772751	21.070404	21.772751		2.809389			121.506000	
					\$1,517.07	\$2,612.73	\$2,359.89	\$2,612.73	\$2,528.45	\$2,612.73		\$337.12			\$14,580.72	
					10.404624%	17.919075%	16.184971%	17.919075%	17.341040%	17.919075%		2.312140%			100.000000%	
					12.040231	20.735954	18.729248	20.735954	20.067051	20.735954		2.675608			115.720000	
					\$13,826.88	\$23,812.96	\$21,508.48	\$23,812.96	\$23,044.80	\$23,812.96		\$3,072.65			\$132,691.69	
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$253,018.48	\$435,754.06	\$393,584.33	\$435,754.06	\$421,697.47	\$435,754.06	\$56,226.40	\$27,543,164.16	\$78,298.90	\$78,298.90	\$130,498.25	\$2,431,788.86
					10.404624%	17.919075%	16.184971%	17.919075%	17.341040%	17.919075%		2.312140%			100.000000%	
					22.876439	39.398312	35.585572	39.398312	38.127398	39.398312		5.083656			219.868000	
					\$175.00	\$301.40	\$272.23	\$301.40	\$291.67	\$301.40		\$38.89			\$1,681.99	
					10.404624%	17.919075%	16.184971%	17.919075%	17.341040%	17.919075%		2.312140%			100.000000%	
					3.010058	5.183988	4.682312	5.183988	5.016763	5.183988		0.688902			28.930000	
					\$66.22	\$114.05	\$103.01	\$114.05	\$110.37	\$114.05		\$14.71			\$636.46	
					10.404624%	17.919075%	16.184971%	17.919075%	17.341040%	17.919075%		2.312140%			100.000000%	
					797.424492	1373.342206	1240.438124	1373.342206	1329.040820	1373.342206		177.205545			7664.135600	
					\$2,568,703.64	\$4,423,878.58	\$3,995,761.31	\$4,423,878.58	\$4,281,172.74	\$4,423,878.58		\$570,823.37			\$24,688,096.80	
					10.404624%	17.919075%	16.184971%	17.919075%	17.341040%	17.919075%		2.312140%			100.000000%	
					133.645563	230.169085	207.894658	230.169085	222.744272	230.169085		29.699253			1284.492000	
					\$375,413.20	\$646,544.96	\$583,976.09	\$646,544.96	\$625,688.66	\$646,544.96		\$83,425.20			\$3,608,138.03	
					10.404624%	17.919075%	16.184971%	17.919075%	17.341040%	17.919075%		2.312140%			100.000000%	
					34.916670	60.134265	54.314820	60.134265	58.194449	60.134265		7.759264			335.588000	
					\$2,552.76	\$4,396.42	\$3,970.96	\$4,396.42	\$4,254.60	\$4,396.42		\$567.26			\$24,534.84	

México Proyectos y Desarrollos S.A. de C.V., México Compañía Constructora S.A. de C.V., Acciona Infraestructuras México S.A. de C.V. y Acciona Construcción S.A.



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022	
MAREGALAGUA	REGALIA POR EXTRACCION DE AGUA	m3	9.2576																		
QH001	HILO PLÁSTICO	ml	62.4888																		
REGDESP	REGALIA BANCO DE TIRO	m3	57.8600																		
TOTAL MEDIDAS DE MITIGACIÓN DE IMPACTO AMBIENTAL ACUMULADO MEDIDAS DE MITIGACIÓN DE IMPACTO AMBIENTAL																					
	Monto esta hoja: Acumulado:			\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$47,033,149.53	\$110,825,312.62	\$133,429,722.13	\$137,100,058.11	\$160,501,337.93	\$218,377,443.78	
	PORCENTAJE PERIODO MEDIDAS DE MITIGACIÓN DE IMPACTO AMBIENTAL																				
	PORCENTAJE ACUMULADO MEDIDAS DE MITIGACIÓN DE IMPACTO AMBIENTAL																				
	TOTAL VIA FERREA - TRAMO 5 SUR_CARIBE 2 - V PLAYA DEL CARMEN - TULUM			\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$78,298.90	\$47,033,149.53	\$110,825,312.62	\$133,429,722.13	\$137,100,058.11	\$160,501,337.93	\$218,377,443.78	
	ACUMULADO VIA FERREA - TRAMO 5 SUR_CARIBE 2 - V PLAYA DEL CARMEN - TULUM			\$39,149.45	\$91,348.72	\$143,547.99	\$221,846.89	\$300,145.79	\$378,444.69	\$456,743.59	\$535,042.49	\$613,341.39	\$691,640.29	\$769,939.19	\$47,803,088.72	\$158,628,401.34	\$292,058,123.47	\$429,158,181.58	\$589,659,519.51	\$808,036,963.29	
	PORCENTAJE PERIODO VIA FERREA - TRAMO 5 SUR_CARIBE 2 - V PLAYA DEL CARMEN - TULUM			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.31%	3.08%	3.71%	3.81%	4.46%	6.07%	
	PORCENTAJE ACUMULADO VIA FERREA - TRAMO 5 SUR_CARIBE 2 - V PLAYA DEL CARMEN - TULUM			0.00%	0.00%	0.00%	0.01%	0.01%	0.01%	0.01%	0.02%	0.02%	0.02%	0.02%	1.33%	4.41%	8.12%	11.94%	16.40%	22.47%	
2	ADECUACIONES CARRETERAS- TRAMO 5 SUR_CARIBE 2 - V PLAYA DEL CARMEN - TULUM																				
1	ESTRUCTURAS LOSAS PILOTADAS																				
103215-1050	Electrodo 9018-b3 3/16" 20 kgs marca Infra	kg	203.53112							15.384615%	17.751479%	18.343195%	17.751479%	18.343195%	12.426037%						
										\$31,312479	\$36,129784	\$37,334110	\$36,129784	\$37,334110	\$25,290852						
										\$4,168.32	\$4,809.60	\$4,969.92	\$4,809.60	\$4,969.92	\$3,366.70						
103215-2035	OXIGENO INDUSTRIAL INFRA CILINDRO DE 20 KG	m3	8.266045							15.384615%	17.751479%	18.343195%	17.751479%	18.343195%	12.426037%						
										1.271699	1.467345	1.516257	1.467345	1.516257	1.027142						
										\$71.47	\$82.46	\$85.21	\$82.46	\$85.21	\$57.74						
103247-1130	Gasolina Magna	lts	6,650.685623							15.384615%	17.751479%	18.343195%	17.751479%	18.343195%	12.426037%						
										1053.951608	1216.098020	1256.634623	1216.098020	1256.634623	851.268730						
										\$19,793.21	\$22,838.32	\$23,599.60	\$22,838.32	\$23,599.60	\$15,986.83						
125150-1040	Angulo acero A-36	kg	1,017.6556							15.384615%	17.751479%	18.343195%	17.751479%	18.343195%	12.426037%						
										156.562396	180.648920	186.670551	180.648920	186.670551	126.454261						
										\$2,356.26	\$2,718.77	\$2,809.39	\$2,718.77	\$2,809.39	\$1,903.14						
	Monto esta hoja: Acumulado:			\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$78,298.90	\$26,389.26	\$30,449.15	\$31,464.12	\$30,449.15	\$31,464.12	\$21,314.41						
										\$104,688.16	\$108,748.05	\$109,763.02	\$108,748.05	\$109,763.02	\$47,054,463.94	\$110,825,312.62	\$133,429,722.13	\$137,100,058.11	\$160,501,337.93	\$218,377,443.78	
300147-1100	Manija para molde cat. L-160	PZA	239.2000							15.384615%	17.751479%	18.343195%	17.751479%	18.343195%	12.426037%						
										36.799999	42.461538	43.876922	42.461538	43.876922	29.723081						
										\$32,247.47	\$37,208.62	\$38,448.91	\$37,208.62	\$38,448.91	\$26,046.04						
500310-3010	Hidropraimer	lts	2,288.0000							15.384615%	17.751479%	18.343195%	17.751479%	18.343195%	12.426037%						
										351.999991	406.153840	419.692302	406.153840	419.692302	284.307727						
										\$21,880.32	\$25,246.52	\$26,088.07	\$25,246.52	\$26,088.07	\$17,672.68						
500310-3090	Vaportite 550 19 lt	lts	22,880.0000							15.384615%	17.751479%	18.343195%	17.751479%	18.343195%	12.426037%						
										3519.999912	4061.538395	4196.923016	4061.538395	4196.923016	2843.077266						
										\$237,564.79	\$274,113.23	\$283,250.33	\$274,113.23	\$283,250.33	\$191,879.29						
500310-3135	Festerflex 10x1.1 mts	m2	12,584.0000							15.384615%	17.751479%	18.343195%	17.751479%	18.343195%	12.426037%						
										1935.999952	2233.846117	2308.307659	2233.846117	2308.307659	1563.692496						
										\$15,623.52	\$18,027.14	\$18,628.04	\$18,027.14	\$18,628.04	\$12,619.00						
500310-3210	Fester blanc blanco 1 lt	PZA	3,775.2000							15.384615%	17.751479%	18.343195%	17.751479%	18.343195%	12.426037%						
										580.799985	670.153835	692.492298	670.153835	692.492298	469.107749						
										\$56,436.33	\$65,118.85	\$67,289.48	\$65,118.85	\$67,289.48	\$45,583.19						

REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

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PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022
910205-1235	LLANTAS PARA SOLDADORA ELECTRICA DE JGO 300A MCA MILLER MOD AC-300		0.339912							15.384614%	17.751478%	18.343196%	17.751478%	18.343196%	12.426039%					
										0.052294	0.060339	0.062351	0.060339	0.062351	0.042238					
										\$13.07	\$15.09	\$15.59	\$15.09	\$15.59	\$10.55					
ACARRE003	TARIFA DE ACARREO 1ER. KM.	m3	28,895.44969						0.000000%	15.384615%	17.751479%	18.343195%	17.751479%	18.343195%	12.426037%					
									0.000000	4445.453687	5129.369684	5300.348683	5129.369684	5300.348683	3590.559270					
										\$12.002.72	\$13.849.30	\$14.310.94	\$13.849.30	\$14.310.94	\$9.694.51					
ACARRE004	TARIFA DE ACARREO KMS. SUBSECUENTES	M3-KM	549,013.544102							15.384615%	17.751479%	18.343195%	17.751479%	18.343195%	12.426037%					
										84463.620058	97458.023989	100706.624971	97458.023988	100706.624971	68220.626125					
										\$168,927.24	\$194,916.05	\$201,413.25	\$194,916.05	\$201,413.25	\$136,441.25					
ACEITE	Aceite	lts	9,429.6647							15.384615%	17.751479%	18.343195%	17.751479%	18.343195%	12.426037%					
										1450.717610	1673.904949	1729.701784	1673.904949	1729.701784	1171.733625					
										\$98,648.80	\$113,825.54	\$117,619.72	\$113,825.54	\$117,619.72	\$79,677.88					
			Monto esta hoja:							\$643,344.26	\$742,320.34	\$767,064.33	\$742,320.34	\$767,064.33	\$519,624.29					
			Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$78,298.90	\$748,032.42	\$851,068.39	\$876,827.35	\$851,068.39	\$876,827.35	\$47,574,088.23	\$110,825,312.62	\$133,429,722.13	\$137,100,058.11	\$160,501,337.93	\$218,377,443.78
ACERO	Acero de refuerzo Fy= 4,200 kg/cm2	kg	2,137,076.7600							15.384615%	17.751479%	18.343195%	17.751479%	18.343195%	12.426037%					
										328781.031780	379362.732265	392008.157386	379362.732265	392008.157386	265553.948916					
										\$5,211,179.35	\$6,012,899.31	\$6,213,329.30	\$6,012,899.31	\$6,213,329.30	\$4,209,030.08					
ADEMELAM	ADEME METALICO DE 120 M DE DIAM. A ml BASE DE LAMINACAL. 20 NEGRA		2,246.4000							15.384615%	17.751479%	18.343195%	17.751479%	18.343195%	12.426037%					
										345.599991	398.769224	412.061532	398.769224	412.061532	279.138495					
										\$967,679.98	\$1,116,553.83	\$1,153,772.29	\$1,116,553.83	\$1,153,772.29	\$781,587.78					
BASSONDEO	SONDEO DE PILA	m	5,616.0000							15.384615%	17.751479%	18.343195%	17.751479%	18.343195%	12.426037%					
										863.999978	996.923061	1030.153831	996.923061	1030.153831	697.846238					
										\$1,077,407.97	\$1,243,163.06	\$1,284,601.83	\$1,243,163.06	\$1,284,601.83	\$870,214.25					
DIESEL	DIESEL	lts	291,758.980605							15.384615%	17.751479%	18.343195%	17.751479%	18.343195%	12.426037%					
										44885.995894	51791.534173	53517.918742	51791.534173	53517.918742	36254.078881					
										\$866,299.72	\$999,576.61	\$1,032,895.83	\$999,576.61	\$1,032,895.83	\$699,703.73					
LLCAMVOLTEO	LLANTAS CAMION TIPO VOLTEO MCA JGO MERCEDES		0.752783							15.384615%	17.751479%	18.343195%	17.751479%	18.343195%	12.426038%					
										0.115813	0.133630	0.138084	0.133630	0.138084	0.093541					
										\$2,937.81	\$3,389.78	\$3,502.77	\$3,389.78	\$3,502.77	\$2,372.86					
LLÉQRETM01	LLANTAS DE RETRO CON CARGADOR MCA JGO CAT MOD 416		2.109456							15.384615%	17.751479%	18.343195%	17.751479%	18.343195%	12.426037%					
										0.324532	0.374460	0.386942	0.374460	0.386942	0.262122					
										\$8,970.32	\$10,350.37	\$10,695.38	\$10,350.37	\$10,695.38	\$7,245.24					
LLGRUAHID001	LLANTAS P/GRUA HIDRAULICA	JGO	0.057548							15.384613%	17.751472%	18.343200%	17.751472%	18.343200%	12.426043%					
										0.008854	0.010216	0.010556	0.010216	0.010556	0.007151					
										\$194.78	\$224.75	\$232.24	\$224.75	\$232.24	\$157.31					
LLMOTOCONF	LLANTAS MOTONIVELADORA KOMATSU 12G, JGO		0.051695							15.384584%	17.751485%	18.343200%	17.751485%	18.343200%	12.426045%					
										0.007953	0.009177	0.009483	0.009177	0.009483	0.005424					
										\$286.31	\$330.36	\$341.37	\$330.36	\$341.37	\$231.27					
LLPIPA	LLANTAS PIPA PARA AGUA	JGO	0.033852							15.384615%	17.751477%	18.343200%	17.751477%	18.343200%	12.426031%					
										0.005208	0.006009	0.006210	0.006009	0.006210	0.004206					
										\$114.58	\$132.20	\$136.61	\$132.20	\$136.61	\$92.54					
			Monto esta hoja:							\$8,135,070.82	\$9,386,620.27	\$9,699,507.62	\$9,386,620.27	\$9,699,507.62	\$6,570,635.06					
			Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$78,298.90	\$8,883,103.24	\$10,237,688.66	\$10,576,334.97	\$10,237,688.66	\$10,576,334.97	\$54,144,723.29	\$110,825,312.62	\$133,429,722.13	\$137,100,058.11	\$160,501,337.93	\$218,377,443.78
LLTRACTO01	LLANTAS P/TRACTOCAMION	JGO	0.019183							15.384615%	17.751475%	18.343203%	17.751475%	18.343203%	12.426027%					
										0.002951	0.003405	0.003519	0.003405	0.003519	0.002384					
										\$103.29	\$119.18	\$123.16	\$119.18	\$123.16	\$83.43					
LLTRXC	LLANTAS PARA CARGADOR	JGO	0.000608							15.384615%	17.750720%	18.343069%	17.750720%	18.343069%	12.427807%					
										0.000094	0.000108	0.000111	0.000108	0.000111	0.000076					
										\$3.64	\$4.20	\$4.34	\$4.20	\$4.34	\$2.94					
LLVIBROCOM	LLANTAS VIBRO CS563	JGO	0.025857							15.384592%	17.751493%	18.343200%	17.751493%	18.343200%	12.426022%					
										0.003978	0.004590	0.004743	0.004590	0.004743	0.003213					
										\$47.74	\$55.08	\$56.92	\$55.08	\$56.92	\$38.55					
MAAD0023	CURAONSA ROJO	lts	19,796.4000							15.384615%	17.751479%	18.343195%	17.751479%	18.343195%	12.426037%					
										3045.599924	3514.153789	3631.292255	3514.153789	3631.292255	2459.907989					
										\$53,115.26	\$61,286.84	\$63,329.74	\$61,286.84	\$63,329.74	\$42,900.80					
MAALAMREC	Alambre Recocido No. 18	kg	62,681.7360							15.384615%	17.751479%	18.343195%	17.751479%	18.343195%	12.426037%					
										9643.343759	11126.935203	11497.833064	11126.935203	11497.833064	7788.855708					
										\$169,722.85	\$195,834.06	\$202,361.86	\$195,834.06	\$202,361.86	\$137,083.86					
MACETILENO	ACETILENO	kg	6.612836							15.384615%	17.751479%	18.343195%	17.751479%	18.343195%	12.426037%					

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REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
 Fin obra: 05/09/2023

Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
															100.000000%
															0.339912
															\$84.98
															100.000000%
															28895.449690
															\$78,017.71
															100.000000%
															549013.544102
															\$1,098,027.09
															100.000000%
															9429.664700
															\$641,217.20
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$4,181,737.89
															\$3,599,814,705.43
															100.000000%
															2137076.760000
															\$33,872,666.65
															100.000000%
															2246.400000
															\$6,289,920.00
															100.000000%
															5616.000000
															\$7,003,152.00
															100.000000%
															291758.980605
															\$5,630,948.33
															100.000000%
															0.752783
															\$19,095.77
															100.000000%
															2.109456
															\$58,307.06
															100.000000%
															0.057548
															\$1,266.07
															100.000000%
															0.051695
															\$1,861.04
															100.000000%
															0.033852
															\$744.74
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$52,877,961.66
															\$3,652,692,667.09
															100.000000%
															0.019183
															\$671.40
															100.000000%
															0.000608
															\$23.66
															100.000000%
															0.025857
															\$310.29
															100.000000%
															19796.400000
															\$345,249.22
															100.000000%
															62681.736000
															\$1,103,198.55
															100.000000%


 REPRESENTANTE COMÚN: ING. NÉCTOR RAÚL HUERTA AVENDAÑO



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

Table with columns for No., Descripción, Unidad, Cantidad, and monthly dates from 05/02/2021 to 01/06/2022. It lists various materials like Triplay de pino, CLAVO DE 2 1/2" A 3 1/2", BOMBEO DE CONCRETO, etc., with their respective quantities and monthly/accumulated costs.

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REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO


000509



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
 Fin obra: 05/09/2023

Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
															6.612836
															\$793.54
															100.000000%
															1362.816000
															\$199,652.54
															100.000000%
															2109.120000
															\$29,506.59
															100.000000%
															13857.480000
															\$1,662,897.60
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$3,342,303.39
															\$3,656,034,970.48
															100.000000%
															13857.480000
															\$19,017,312.68
															100.000000%
															12330.240000
															\$94,326.34
															100.000000%
															1622.400000
															\$35,692.80
															100.000000%
															2708.160000
															\$54,163.20
															100.000000%
															239.200000
															\$328,634.49
															100.000000%
															0.015346
															\$3,836.56
															100.000000%
															2808.000000
															\$3,501,576.00
															100.000000%
															28895.449690
															\$288,954.50
															100.000000%
															131.040000
															\$70,761.60
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$23,395,258.17
\$83,968,791.32	\$83,968,791.32	\$83,968,791.32	\$83,968,791.32	\$83,968,791.32	\$83,968,791.32	\$83,968,791.32	\$83,968,791.32	\$83,968,791.32	\$83,968,791.32	\$83,968,791.32	\$83,968,791.32	\$83,968,791.32	\$83,968,791.32	\$83,968,791.32	\$3,679,430,228.65
100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
															100.000000%
															217.884600
															\$29,004.80
															100.000000%
															8.715384
															\$489.80
															100.000000%
															5325.080446
															\$100,005.01
															100.000000%
															1089.423000
															\$16,395.82


 REPRESENTANTE COMUN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022
200115-9915	Cemento para PVC, 0.500 lt.	PZA	7.2000						25.000000%	45.000000%	30.000000%									
									1.800000	3.240000	2.160000									
									\$241.20	\$434.16	\$289.44									
910205-1235	LLANTAS PARA SOLDADORA ELECTRICA DE JGO 300A MCA MILLER MOD AC-300		0.363141						25.000000%	45.000000%	30.000000%									
									0.090785	0.163413	0.108942									
									\$22.70	\$40.86	\$27.23									
ACARRE003	TARIFA DE ACARREO 1ER. KM.	m3	8,110.5120						25.000000%	45.000000%	30.000000%									
									2027.628000	3649.730400	2433.153600									
									\$5,474.60	\$9,854.27	\$6,569.51									
			Monto esta hoja:						\$42,212.36	\$75,982.23	\$50,654.81									
			Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$120,511.26	\$13,072,556.37	\$15,034,656.11	\$15,480,858.03	\$14,984,001.30	\$15,480,858.03	\$57,467,142.55	\$110,825,312.62	\$133,429,722.13	\$137,100,058.11	\$160,501,337.93	\$218,377,443.78
ACARRE004	TARIFA DE ACARREO KMS. SUBSECUENTES	M3-KM	180,041.1120						25.000000%	45.000000%	30.000000%									
									45010.278000	81018.500400	54012.333600									
									\$90,020.56	\$162,037.00	\$108,024.66									
ACEITE	Aceite	lts	4,511.998429						25.000000%	45.000000%	30.000000%									
									1127.999607	2030.399293	1353.599529									
									\$76,703.97	\$138,067.15	\$92,044.77									
ACERO	Acero de refuerzo F'y= 4,200 kg/cm2	kg	2,401,612.7400						25.000000%	45.000000%	30.000000%									
									600403.185000	1080725.733000	720483.822000									
									\$9,516,390.48	\$17,129,502.87	\$11,419,668.58									
CALHIDRA	CALHIDRA	kg	16,455.484584						25.000000%	45.000000%	30.000000%									
									4113.871146	7404.968063	4936.645375									
									\$9,461.90	\$17,031.42	\$11,354.29									
DIESEL	DIESEL	lts	79,597.056819						25.000000%	45.000000%	30.000000%									
									19899.264205	35818.675568	23879.117046									
									\$384,055.80	\$691,300.44	\$460,866.96									
LLCAMVOLTEO	LLANTAS CAMION TIPO VOLTEO MCA JGO MERCEDES		0.37486						24.999999%	45.000001%	30.000000%									
									0.093715	0.168687	0.112458									
									\$2,377.26	\$4,279.06	\$2,852.71									
LLEQRETM01	LLANTAS DE RETRO CON CARGADOR MCA JGO CAT MOD 416		0.550575						25.000000%	45.000000%	30.000000%									
									0.137644	0.247759	0.165173									
									\$3,804.58	\$6,848.25	\$4,565.50									
LLEQWM1000	LLANTAS PARA MEZCLADORA DE JGO SUSPENSION MCA WIRTGEN MOD WM1000		0.00371						25.000000%	45.000000%	30.000000%									
									0.000928	0.001670	0.001113									
									\$315.37	\$567.66	\$378.44									
LLEQWR500	LLANTAS ESTABILIZADORA/RECICLADORA	DE JGO	0.00371						25.000000%	45.000000%	30.000000%									
									0.000928	0.001670	0.001113									
									\$55.65	\$100.17	\$66.79									
			Monto esta hoja:						\$10,083,185.57	\$18,149,734.02	\$12,099,822.70									
			Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$10,203,696.83	\$31,222,290.39	\$27,134,478.81	\$15,480,858.03	\$14,984,001.30	\$15,480,858.03	\$57,467,142.55	\$110,825,312.62	\$133,429,722.13	\$137,100,058.11	\$160,501,337.93	\$218,377,443.78
LLMOTOCONF	LLANTAS MOTONIVELADORA KOMATSU 12G, JGO		0.027394						25.000000%	44.999980%	30.000011%									
									0.006849	0.012327	0.008218									
									\$246.55	\$443.78	\$295.85									
LLPIPA	LLANTAS PIPA PARA AGUA	JGO	0.030557						25.000000%	44.999987%	30.000013%									
									0.007639	0.013751	0.009167									
									\$168.06	\$302.51	\$201.68									
LLTRAXC	LLANTAS PARA CARGADOR	JGO	0.009265						25.000054%	44.999989%	29.999957%									
									0.002316	0.004169	0.002779									
									\$90.16	\$162.29	\$108.19									
LLVIBROCOM	LLANTAS VIBRO CS563	JGO	0.013697						25.000000%	45.000000%	30.000000%									
									0.003424	0.006164	0.004109									
									\$41.09	\$73.96	\$49.31									
MAAD0023	CURACONSA ROJO	lts	12,085.040816						25.000000%	45.000000%	30.000000%									
									3021.260204	5438.268367	3625.512245									
									\$52,690.78	\$94,843.40	\$63,228.93									
MAALAMREC	Alambre Recocido No. 18	kg	72,078.9300						25.000000%	45.000000%	30.000000%									
									18019.732500	32435.518500	21623.679000									
									\$317,147.29	\$570,865.13	\$380,576.75									

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REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO

000511



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
 Fin obra: 05/09/2023

Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
															100.000000%
															7.200000
															\$964.80
															100.000000%
															0.363141
															\$90.79
															100.000000%
															8110.512000
															\$21,898.38
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$168,849.40
															\$3,679,599,078.05
															100.000000%
															180041.112000
															\$360,082.22
															100.000000%
															4511.998429
															\$306,815.89
															100.000000%
															2401612.740000
															\$38,065,561.93
															100.000000%
															16455.484584
															\$37,847.61
															100.000000%
															79597.056819
															\$1,538,223.20
															100.000000%
															0.374860
															\$9,509.03
															100.000000%
															0.550575
															\$15,218.33
															100.000000%
															0.003710
															\$1,261.47
															100.000000%
															0.003710
															\$222.61
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$40,332,742.29
															\$3,719,931,820.34
															100.000000%
															0.027394
															\$986.18
															100.000000%
															0.030557
															\$672.25
															100.000000%
															0.009265
															\$360.64
															100.000000%
															0.013697
															\$164.36
															100.000000%
															12085.040816
															\$210,763.11
															100.000000%
															72078.930000
															\$1,268,589.17

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 REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
 Fin obra: 05/09/2023

Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
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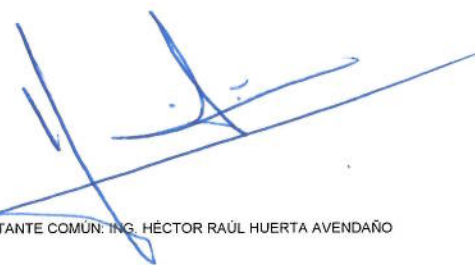
															100.000000%
															6.972307
															\$836.68
															100.000000%
															8969.612040
															\$1,314,048.16
															100.000000%
															8268.787800
															\$115,680.34

\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$2,912,100.89
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															100.000000%
															13812.120000
															\$1,657,454.40
															100.000000%
															10436.580000
															\$14,322,640.56
															100.000000%
															1257.228000
															\$1,344,768.79
															100.000000%
															3546.129600
															\$4,492,059.67
															100.000000%
															48340.605600
															\$369,805.63
															100.000000%
															6948.846000
															\$152,874.61
															100.000000%
															4815.360000
															\$88,602.62
															100.000000%
															0.176472
															\$2,241.55
															100.000000%
															4815.360000
															\$588,436.99

\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$23,018,884.82
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															100.000000%
															2221.925339
															\$44,438.51
															100.000000%
															4815.360000
															\$216,691.20
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															1313.280000
															\$67,266.20
															100.000000%
															8755.200000
															\$4,815.36
															100.000000%
															3705.912000
															\$315,002.52
															100.000000%
															1188.244800
															\$484,803.88


 REPRESENTANTE COMUN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO

México Proyectos y Desarrollos S.A. de C.V., México Compañía Constructora S.A. de C.V., Acciona Infraestructuras México S.A. de C.V. y Acciona Construcción S.A.



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022
REGDESP	REGALIA BANCO DE TIRO	m3	4,404.6000						25.000000%	45.000000%	30.000000%									
									\$11,011.50	\$19,820.70	\$13,213.80									
TUBOPVCS-200	Tubería colectora de PVC de 20 cm de diámetro ml y 2/8 pulgadas de espesor.		756.0000						25.000000%	45.000000%	30.000000%									
									\$37,535.40	\$67,563.72	\$45,042.48									
	TOTAL MARCOS FERROVIARIOS								\$16,939,945.70	\$30,491,902.19	\$20,327,934.78									
	ACUMULADO MARCOS FERROVIARIOS								\$16,939,945.70	\$47,431,847.89	\$67,759,782.67	\$67,759,782.67	\$67,759,782.67	\$67,759,782.67	\$67,759,782.67	\$67,759,782.67	\$67,759,782.67	\$67,759,782.67	\$67,759,782.67	\$67,759,782.67
	PORCENTAJE PERIODO MARCOS FERROVIARIOS								25.00%	45.00%	30.00%									
	Monto esta hoja:								\$331,801.32	\$597,242.37	\$398,161.58									
	Acumulado:			\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$17,018,244.60	\$43,488,476.33	\$35,311,936.08	\$15,480,858.03	\$14,984,001.30	\$15,480,858.03	\$57,467,142.55	\$110,825,312.62	\$133,429,722.13	\$137,100,058.11	\$160,501,337.93	\$218,377,443.78
	PORCENTAJE ACUMULADO MARCOS FERROVIARIOS								25.00%	70.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	TOTAL ESTRUCTURAS								\$16,939,945.70	\$43,410,177.43	\$35,233,637.18	\$15,402,559.13	\$14,905,702.40	\$15,402,559.13	\$10,433,993.02					
	ACUMULADO ESTRUCTURAS								\$16,939,945.70	\$60,350,123.13	\$95,583,760.31	\$110,986,319.44	\$125,892,021.84	\$141,294,580.97	\$151,728,573.99	\$151,728,573.99	\$151,728,573.99	\$151,728,573.99	\$151,728,573.99	\$151,728,573.99
	PORCENTAJE PERIODO ESTRUCTURAS								11.16%	28.61%	23.22%	10.15%	9.82%	10.15%	6.88%					
	PORCENTAJE ACUMULADO ESTRUCTURAS								11.16%	39.78%	63.00%	73.15%	82.97%	93.12%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
2	REPOSICIÓN DE CARRETERAS Y CAMINOS EXISTENTES																			
1	VIALIDADES Y CAMINOS																			
1	OBRA CIVIL PASOS VEHICULARES CRUCE EN T PVT5_23 (PZS)																			
103205-1070	Thiner estandard comex	lts	73.179949											2.020202%	31.313131%	31.313131%	28.282828%	7.070708%		
														1.478383	22.914933	22.914933	20.697359	5.174340		
									\$26.55	\$411.55	\$411.55	\$371.72	\$92.94							
103215-2035	OXIGENO INDUSTRIAL INFRA CILINDRO DE m3 20 KG		393.193456											2.020202%	31.313131%	31.313131%	28.282828%	7.070708%		
														7.943302	123.121182	123.121182	111.206229	27.801561		
									\$446.41	\$6,919.41	\$6,919.41	\$6,249.79	\$1,562.45							
103247-1130	Gasolina Magna	lts	389.181554											2.020202%	31.313131%	31.313131%	28.282828%	7.070708%		
														7.862254	121.864930	121.864930	110.071550	27.517891		
									\$147.65	\$2,288.62	\$2,288.62	\$2,067.14	\$516.80							
910205-1050	2 Llantas R-8.5/75 mca. Michelin	JGO	0.000467											2.020830%	31.313218%	31.313218%	28.283045%	7.069690%		
														0.000009	0.000146	0.000146	0.000132	0.000033		
									\$0.11	\$1.77	\$1.77	\$1.60	\$0.41							
910205-1130	6 llantas 900x20 pxn 12 capas p/camion	JGO	0.098025											2.020201%	31.313126%	31.313126%	28.282824%	7.070724%		
														0.001980	0.030695	0.030695	0.027724	0.006931		
									\$30.48	\$472.39	\$472.39	\$426.67	\$106.67							
910205-1235	LLANTAS PARA SOLDADORA ELECTRICA DE JGO 300A MCA MILLER MOD AC-300		0.084132											2.020201%	31.313133%	31.313133%	28.282832%	7.070702%		
														0.001700	0.026344	0.026344	0.023795	0.005949		
									\$0.42	\$6.59	\$6.59	\$5.95	\$1.48							
	Monto esta hoja:								\$651.62	\$10,100.33	\$10,100.33	\$9,122.87	\$2,280.75							
	Acumulado:			\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$17,018,244.60	\$43,488,476.33	\$35,311,936.08	\$15,480,858.03	\$14,984,652.92	\$15,490,958.36	\$57,477,242.88	\$110,834,435.49	\$133,432,002.88	\$137,100,058.11	\$160,501,337.93	\$218,377,443.78
AC00015	Cemento gris	kg	427.21875											2.020202%	31.313131%	31.313131%	28.282828%	7.070708%		
														8.630682	133.775567	133.775567	120.829544	30.207390		
									\$19.94	\$309.02	\$309.02	\$279.12	\$69.78							
ACARRE001.1	TARIFA DE ACARREO P/MEZCLA ASFALT 1ER m3 KM		1,704.79785											2.020202%	31.313131%	31.313131%	28.282828%	7.070708%		
														34.440360	533.825584	533.825584	482.165044	120.541278		
									\$447.72	\$6,939.73	\$6,939.73	\$6,268.14	\$1,567.05							
ACARRE002.1	TARIFA DE ACARREO P/MEZCLA ASFALT KM M3-KM SUB		6,819.1914											2.020202%	31.313131%	31.313131%	28.282828%	7.070708%		
														137.761441	2135.302336	2135.302336	1928.660175	482.165112		
									\$1,446.50	\$22,420.67	\$22,420.67	\$20,250.93	\$5,062.74							
ACARRE003	TARIFA DE ACARREO 1ER. KM	m3	53,483.41985											2.020202%	31.313131%	31.313131%	28.282828%	7.070708%		
														1080.473117	16747.333321	16747.333321	15126.623645	3781.656446		
									\$2,917.28	\$45,217.80	\$45,217.80	\$40,841.88	\$10,210.47							
ACARRE004	TARIFA DE ACARREO KMS. SUBSECUENTES M3-KM		392,287.4121											2.020202%	31.313131%	31.313131%	28.282828%	7.070708%		
														7924.998145	122837.471247	122837.471247	110949.974030	27737.497430		
									\$15,850.00	\$245,674.94	\$245,674.94	\$221,899.95	\$55,474.99							
ACEITE	Aceite	lts	1,211.765179											2.020202%	31.313131%	31.313131%	28.282828%	7.070708%		
														24.480104	379.441618	379.441618	342.721461	85.680377		
									\$1,664.65	\$25,802.03	\$25,802.03	\$23,305.06	\$5,826.26							
ACERO	Acero de refuerzo F'y= 4,200 kg/cm2	kg	4,438.836946											2.020202%	31.313131%	31.313131%	28.282828%	7.070708%		

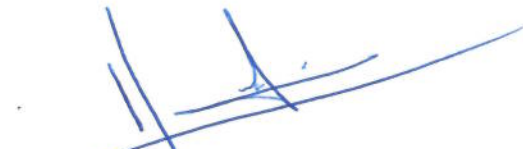
REPRESENTANTE COMÚN: ING. HECTOR RAÚL HUERTA AVENDAÑO



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
 Fin obra: 05/09/2023

Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
															100.000000%
															4404.600000
															\$44,046.00
															100.000000%
															756.000000
															\$150,141.60
\$67,759,782.67	\$67,759,782.67	\$67,759,782.67	\$67,759,782.67	\$67,759,782.67	\$67,759,782.67	\$67,759,782.67	\$67,759,782.67	\$67,759,782.67	\$67,759,782.67	\$67,759,782.67	\$67,759,782.67	\$67,759,782.67	\$67,759,782.67	\$67,759,782.67	
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$1,327,205.27
100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	\$3,747,190,011.32
\$151,728,573.99	\$151,728,573.99	\$151,728,573.99	\$151,728,573.99	\$151,728,573.99	\$151,728,573.99	\$151,728,573.99	\$151,728,573.99	\$151,728,573.99	\$151,728,573.99	\$151,728,573.99	\$151,728,573.99	\$151,728,573.99	\$151,728,573.99	\$151,728,573.99	
100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
															100.000000%
															73.179949
															\$1,314.31
															100.000000%
															393.193456
															\$22,097.47
															100.000000%
															389.181554
															\$7,308.83
															100.000000%
															0.000467
															\$5.66
															100.000000%
															0.098025
															\$1,508.60
															100.000000%
															0.084132
															\$21.03
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$32,255.90
															\$3,747,222,267.22
															100.000000%
															427.218750
															\$986.88
															100.000000%
															1704.797850
															\$22,162.37
															100.000000%
															6819.191400
															\$71,601.51
															100.000000%
															53483.419850
															\$144,405.23
															100.000000%
															392287.412100
															\$784,574.82
															100.000000%
															1211.765179
															\$82,400.03
															100.000000%


 REPRESENTANTE COMUNITARIO: ING. HÉCTOR RAÚL HUERTA AVENDAÑO

México Proyectos y Desarrollos S.A. de C.V., México Compañía Constructora S.A. de C.V., Acciona Infraestructuras México S.A. de C.V. y Acciona Construcción S.A.



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022
													89.673473	1389.938828	1389.938828	1255.428619				313.857199
													\$1,421.32	\$22,030.53	\$22,030.53	\$19,898.54				\$4,974.65
ACETILENO	ACETILENO	kg	51.4324										2.020202%	31.313131%	31.313131%	28.282828%				7.070708%
													1.039038	16.105095	16.105095	14.546537				3.636635
													\$257.35	\$3,988.91	\$3,988.91	\$3,602.89				\$900.72
BARNEW-001	BARRERA NEW JERSEY DE CONCRETO PZA HIDRAULICO REFORZADO F'C= 250 KG/CM2 ARMADO CON ACERO DE REFUERZO F'C=4200 KG/CM2		831.3800										2.020202%	31.313131%	31.313131%	28.282828%				7.070708%
													16.795555	260.331109	260.331109	235.137775				58.784452
													\$35,270.67	\$546,695.33	\$546,695.33	\$493,789.33				\$123,447.34
													\$59,295.43	\$919,078.96	\$919,078.96	\$830,135.84				\$207,534.00
			Monto esta hoja:	\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$17,018,244.60	\$43,488,476.33	\$35,311,936.08	\$15,480,858.03	\$15,043,948.35	\$16,410,037.32	\$58,396,321.84	\$111,664,571.33	\$133,639,536.88	\$137,100,058.11	\$160,501,337.93	\$218,377,443.78
CALHIDRA	CALHIDRA	kg	292.5274										2.020202%	31.313131%	31.313131%	28.282828%				7.070708%
													5.909644	91.599488	91.599488	82.735021				20.683758
													\$13.59	\$210.68	\$210.68	\$190.29				\$47.57
CEMASFALT-01	Cemento Asfáltico SUPER PAVE EKBE 76-22	TON	221.623721										2.020202%	31.313131%	31.313131%	28.282828%				7.070708%
													4.477247	69.397326	69.397326	62.681456				15.670366
													\$44,398.84	\$688,182.05	\$688,182.05	\$621,583.79				\$155,395.98
CEMASFALT-02	Flete Cemento Asfáltico EKBESP PG64-22	TON	221.623721										2.020202%	31.313131%	31.313131%	28.282828%				7.070708%
													4.477247	69.397326	69.397326	62.681456				15.670366
													\$3,400.56	\$52,708.66	\$52,708.66	\$47,607.82				\$11,901.95
CEMASFALT-03	Instalación y montaje de planta de asfalto	lote	0.17048										2.020204%	31.313133%	31.313133%	28.282826%				7.070704%
													0.003444	0.053383	0.053383	0.048217				0.012054
													\$4,132.85	\$64,059.07	\$64,059.07	\$57,859.80				\$14,464.95
CEMASFALT-04	Desmantelamiento de planta de asfalto y acarreo lote a talleres generales		0.17048										2.020199%	31.313133%	31.313133%	28.282826%				7.070709%
													0.003444	0.053383	0.053383	0.048217				0.012054
													\$4,132.84	\$64,059.07	\$64,059.07	\$57,859.80				\$14,464.96
CM027	Malla electrosoldada 6-6 / 10-10	m2	1,201.085725										2.020202%	31.313131%	31.313131%	28.282828%				7.070708%
													24.264358	376.097547	376.097547	339.701010				84.925264
													\$361.54	\$5,603.85	\$5,603.85	\$5,061.55				\$1,265.39
CO06	PINTURA DE ESMALTE, MCA COMEX	lts	23.402192										2.020202%	31.313131%	31.313131%	28.282828%				7.070708%
													0.472772	7.327959	7.327959	6.618802				1.654701
													\$49.59	\$768.70	\$768.70	\$694.31				\$173.59
COMBUSTOLEO	COMBUSTOLEO LAB OBRA	lts	34,095.9570										2.020202%	31.313131%	31.313131%	28.282828%				7.070708%
													688.807205	10676.511681	10676.511681	9643.300873				2410.825559
													\$4,146.62	\$64,272.60	\$64,272.60	\$58,052.67				\$14,513.17
DIESEL	DIESEL	lts	78,384.25843										2.020202%	31.313131%	31.313131%	28.282828%				7.070708%
													1583.520356	24544.565525	24544.565525	22169.284991				5542.322032
													\$30,561.94	\$473,710.12	\$473,710.12	\$427,867.20				\$106,966.81
													\$91,198.37	\$1,413,574.80	\$1,413,574.80	\$1,276,777.23				\$319,194.37
			Monto esta hoja:	\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$17,018,244.60	\$43,488,476.33	\$35,311,936.08	\$15,480,858.03	\$15,135,146.72	\$17,823,612.12	\$59,809,896.64	\$112,941,348.56	\$133,958,731.25	\$137,100,058.11	\$160,501,337.93	\$218,377,443.78
EMULLIGASMA	EMULSION ECRR65	lts	8,280.4467										2.020202%	31.313131%	31.313131%	28.282828%				7.070708%
													167.281750	2592.867123	2592.867123	2341.944498				585.486207
													\$1,636.02	\$25,358.24	\$25,358.24	\$22,904.22				\$5,726.05
LLBARRE	LLANTAS BARREDORA	JGO	0.002799										2.020296%	31.313157%	31.313157%	28.282713%				7.070678%
													0.000057	0.000876	0.000876	0.000792				0.000198
													\$0.25	\$3.85	\$3.85	\$3.48				\$0.88
LLCAMION-01	LLANTAS Camión Kenworth T 370 con grua JGO articulada PALFINGER mod. PK 15500 de 14.6 ton		0.008813										2.020169%	31.313127%	31.313127%	28.282817%				7.070761%
													0.000178	0.002760	0.002760	0.002492				0.000623
													\$5.20	\$80.57	\$80.57	\$72.78				\$18.20
LLCAMIOPETRO	LLANTAS CAMION PETROLIZADORA DE 60	JGO	0.003973										2.020133%	31.313200%	31.313200%	28.282874%				7.070593%
													0.000080	0.001244	0.001244	0.001124				0.000281
													\$1.31	\$20.28	\$20.28	\$18.32				\$4.59
LLCAMVOLTEO	LLANTAS CAMION TIPO VOLTEO MCA JGO MERCEDES		0.002793										2.020245%	31.313088%	31.313088%	28.282720%				7.070859%
													0.000056	0.000874	0.000874	0.000790				0.000197
													\$1.43	\$22.18	\$22.18	\$20.04				\$5.01
LLCOMPACTADO	LLANTAS COMPACTADOR DE NEUMÁTICOS	JGO	0.028921										2.020248%	31.313120%	31.313120%	28.282817%				7.070696%
													0.000584	0.009056	0.009056	0.008180				0.002045
													\$21.03	\$326.02	\$326.02	\$294.47				\$73.62
LLFINISHER	LLANTAS FINISHER	JGO	0.020295										2.020181%	31.313103%	31.313152%	28.282831%				7.070732%
													0.000410	0.006355	0.006355	0.005740				0.001435

REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO

000517



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
 Fin obra: 05/09/2023

Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
															4438.836946
															\$70,355.57
															100.000000%
															51.432400
															\$12,738.78
															100.000000%
															831.380000
															\$1,745,898.00
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$2,935,123.19
															\$3,750,157,390.41
															100.000000%
															292.527400
															\$672.81
															100.000000%
															221.623721
															\$2,197,742.71
															100.000000%
															221.623721
															\$168,327.65
															100.000000%
															0.170480
															\$204,575.74
															100.000000%
															0.170480
															\$204,575.74
															100.000000%
															1201.085725
															\$17,896.18
															100.000000%
															23.402192
															\$2,454.89
															100.000000%
															34095.957000
															\$205,257.66
															100.000000%
															78384.258430
															\$1,512,816.19
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$4,514,319.57
															\$3,754,671,709.98
															100.000000%
															8280.446700
															\$80,982.77
															100.000000%
															0.002799
															\$12.31
															100.000000%
															0.008813
															\$257.32
															100.000000%
															0.003973
															\$64.78
															100.000000%
															0.002793
															\$70.84
															100.000000%
															0.028921
															\$1,041.16
															100.000000%
															0.020295

[Handwritten signature]
 REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO

México Proyectos y Desarrollos S.A. de C.V., México Compañía Constructora S.A. de C.V., Acciona Infraestructuras México S.A. de C.V. y Acciona Construcción S.A.



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

Table with columns: No., Descripción, Unidad, Cantidad, and monthly dates from 05/02/2021 to 01/06/2022. It lists various materials like LANTAS MOTONIVELADORA, LLANTAS PIPA PARA AGUA, LLPLANTAASF, etc., with their respective quantities and monthly/accumulated costs.

Handwritten signature and stamp: REPRESENTANTE COM. ING. HÉCTOR RAÚL HUERTA AVENDAÑO



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
 Fin obra: 05/09/2023

Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
															\$456.64
															100.000000%
															0.274548
															\$9,883.74
															100.000000%
															0.103513
															\$2,277.29
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$95,046.85
															\$3,754,766,756.83
															100.000000%
															0.028413
															\$1,304.23
															100.000000%
															0.183949
															\$7,160.47
															100.000000%
															0.138571
															\$1,662.86
															100.000000%
															1143.010540
															\$19,431.18
															100.000000%
															9715.595980
															\$249,690.82
															100.000000%
															347.872882
															\$6,066.90
															100.000000%
															123.660135
															\$2,176.42
															100.000000%
															0.706388
															\$115.85
															100.000000%
															4669.250000
															\$993,382.94
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$1,280,991.67
															\$3,756,047,748.50
															100.000000%
															314.554765
															\$37,746.57
															100.000000%
															103.874514
															\$15,217.62
															100.000000%
															286.223178
															\$4,004.26
															100.000000%
															199.460039
															\$213,348.44
															100.000000%
															939.817027
															\$7,189.60
															100.000000%
															123.660135
															\$2,720.52
															100.000000%
															9855.796327
															\$68,596.34


 REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO

México Proyectos y Desarrollos S.A. de C.V., México Compañía Constructora S.A. de C.V., Acciona Infraestructuras México S.A. de C.V. y Acciona Construcción S.A.



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022
MAEXP001	ALTO EXPLOSIVO	kg	0.557285											2.020202%	31.313131%	31.313131%	28.282828%	7.070707%		
														0.011258	0.174504	0.174504	0.157616	0.039404		
														\$1.19	\$18.43	\$18.43	\$16.65	\$4.16		
MAEXP002	BROCA DE BARRENACION	PZA	0.007763											2.020354%	31.313108%	31.313108%	28.282770%	7.070660%		
														0.000157	0.002431	0.002431	0.002195	0.000549		
														\$1.19	\$18.51	\$18.51	\$16.72	\$4.17		
			Monto esta hoja:											\$7,049.31	\$109,264.45	\$109,264.45	\$98,690.47	\$24,672.63		
			Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$17,018,244.60	\$43,488,476.33	\$35,311,936.08	\$15,480,858.03	\$15,169,994.79	\$18,363,757.31	\$60,350,041.83	\$113,429,221.64	\$134,080,699.55	\$137,100,058.11	\$160,501,337.93	\$218,377,443.78
MAEXP003	BARRA DE BARRENACION DE 11/2"	PZA	0.005372											2.020236%	31.313097%	31.313097%	28.282744%	7.070826%		
														0.000109	0.001682	0.001682	0.001519	0.000380		
														\$0.91	\$14.03	\$14.03	\$12.68	\$3.17		
MAEXP004	CORDON DETONANTE	ml	5.583804											2.020202%	31.313131%	31.313131%	28.282828%	7.070708%		
														0.112804	1.748464	1.748464	1.579258	0.394815		
														\$1.30	\$20.21	\$20.21	\$18.26	\$4.57		
MAEXP005	CONECTOR MS	PZA	0.054462											2.020209%	31.313125%	31.313125%	28.282830%	7.070712%		
														0.001100	0.017054	0.017054	0.015403	0.003851		
														\$0.21	\$3.32	\$3.32	\$3.00	\$0.74		
MAEXP006	COPE DE BARRENACION DE 1 1/2"	PZA	0.001346											2.019324%	31.313266%	31.313266%	28.283166%	7.070977%		
														0.000027	0.000421	0.000421	0.000381	0.000095		
														\$0.06	\$1.00	\$1.00	\$0.91	\$0.23		
MAEXP007	MECHA BLANCA ROLLO DE 50 MTS.	ml	0.143296											2.020199%	31.313134%	31.313134%	28.282828%	7.070705%		
														0.002895	0.044870	0.044870	0.040528	0.010132		
														\$0.02	\$0.39	\$0.39	\$0.35	\$0.08		
MAEXP008	AGENTE EXPLOSIVO	kg	7.029999											2.020202%	31.313131%	31.313131%	28.282828%	7.070708%		
														0.142020	2.201313	2.201313	1.968283	0.497071		
														\$4.94	\$76.49	\$76.49	\$69.09	\$17.28		
MAEXP009	ZANCO DE BARRENACION	PZA	0.002629											2.020237%	31.313097%	31.313097%	28.282932%	7.070638%		
														0.000053	0.000823	0.000823	0.000744	0.000186		
														\$0.28	\$4.32	\$4.32	\$3.90	\$0.97		
MAGRAVA	Grava 3/4" medido en banco	m3	2,046.614089											2.020202%	31.313131%	31.313131%	28.282828%	7.070708%		
														41.345739	640.858951	640.858951	578.840343	144.710106		
														\$9,509.52	\$147,397.56	\$147,397.56	\$133,133.28	\$33,283.32		
MAILUFOT-001	Luminaria led para urbanización, 89W, 4000K, PZA driver 700mA, 24 VDC, 12,000 lúmenes con fotometría tipo II media, Montada en punta de poste cónico circular, metálico, pintura		62.749008											2.020202%	31.313131%	31.313131%	28.282828%	7.070708%		
														1.267657	19.648679	19.648679	17.747194	4.436799		
														\$20,282.51	\$314,378.87	\$314,378.87	\$283,955.10	\$70,988.78		
			Monto esta hoja:											\$29,799.75	\$461,896.19	\$461,896.19	\$417,196.57	\$104,299.14		
			Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$17,018,244.60	\$43,488,476.33	\$35,311,936.08	\$15,480,858.03	\$15,199,794.54	\$18,825,653.50	\$60,811,938.02	\$113,846,418.21	\$134,184,998.69	\$137,100,058.11	\$160,501,337.93	\$218,377,443.78
MAILUFOT-002	anticorrosiva color blanco, a 7m de altura, con placa base con perforaciones y pernos de anclaje Cableado para conexiones eléctricas de todo el PZA sistema, protecciones eléctricas acorde a NOM-001-SEDE-2012, sistema de puesta a tierra y materiales menores.		62.74891											2.020202%	31.313131%	31.313131%	28.282828%	7.070708%		
														1.267655	19.648648	19.648648	17.747166	4.436792		
														\$6,633.29	\$102,816.07	\$102,816.07	\$92,866.13	\$23,216.54		
MALLAN004	LLANTAS GRUA HIAB	JGO	0.00625											2.020160%	31.313120%	31.313120%	28.282880%	7.070720%		
														0.000126	0.001957	0.001957	0.001768	0.000442		
														\$1.60	\$24.86	\$24.86	\$22.45	\$5.62		
MAPINT001	PINTURA PARA TRAFICO	lts	132.584166											2.020202%	31.313131%	31.313131%	28.282828%	7.070708%		
														2.678468	41.516254	41.516254	37.498552	9.374639		
														\$362.66	\$5,621.30	\$5,621.30	\$5,077.31	\$1,269.33		
MAPINTSMAL	PINTURA DE ESMALTE	LT	1,428.76424											2.020202%	31.313131%	31.313131%	28.282828%	7.070708%		
														28.863924	447.390818	447.390818	404.094933	101.023747		
														\$1,789.56	\$27,738.23	\$27,738.23	\$25,053.89	\$6,263.47		
MAREGALAGUA	REGALIA POR EXTRACCION DE AGUA	m3	8,281.055825											2.020202%	31.313131%	31.313131%	28.282828%	7.070708%		
														167.294055	2593.057859	2593.057859	2342.116776	585.529277		
														\$3,345.88	\$51,861.16	\$51,861.16	\$46,842.34	\$11,710.58		
MASELLO-3E	SELLO 3E	m3	324.7234											2.020202%	31.313131%	31.313131%	28.282828%	7.070708%		
														6.560069	101.681064	101.681064	91.840961	22.960243		
														\$9,184.10	\$142,353.49	\$142,353.49	\$128,577.34	\$32,144.34		
MASEÑALV-001	señal varios tipos	JGO	25.0000											2.020202%	31.313131%	31.313131%	28.282828%	7.070708%		

REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO

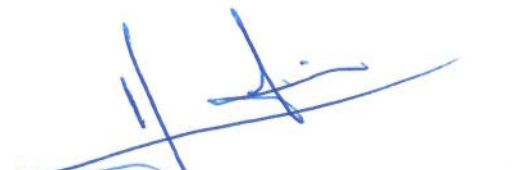
000521



Fecha: 15/01/2021
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 Inicio obra: 05/02/2021
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Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
															100.000000%
															0.557285
															\$58.86
															100.000000%
															0.007763
															\$59.10
															\$348,941.31
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$3,756,396,689.81
															100.000000%
															0.005372
															\$44.82
															100.000000%
															5.583804
															\$64.55
															100.000000%
															0.054462
															\$10.59
															100.000000%
															0.001346
															\$3.20
															100.000000%
															0.143296
															\$1.23
															100.000000%
															7.029999
															\$244.29
															100.000000%
															0.002629
															\$13.79
															100.000000%
															2046.614089
															\$470,721.24
															100.000000%
															62.749008
															\$1,003,984.13
															\$1,475,087.84
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$3,757,871,777.65
															100.000000%
															62.748910
															\$328,348.10
															100.000000%
															0.008250
															\$79.39
															100.000000%
															132.584166
															\$17,951.90
															100.000000%
															1428.764240
															\$88,583.38
															100.000000%
															8281.055825
															\$165,621.12
															100.000000%
															324.723400
															\$454,612.76
															100.000000%


 REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO



Licitación No: LO-021W3N003-E325-2020 Cliente: Fondo Nacional de Fomento al Turismo Subdirección de Adquisiciones y Servicios Generales
 Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".
 Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022		
MATERRAP-001	MATERIAL PARA TERRAPLÉN MEDIDO EN m3 BANCO		47,084.1000											0.505051 \$6,428.52	7.828283 \$99,642.06	7.828283 \$99,642.06	7.070707 \$89,999.28	1.767677 \$22,499.83				
														2.020202% 951.193930	31.313131% 14743.505913	31.313131% 14743.505913	28.282828% 13316.715018	7.070708% 3329.179225				
														\$80,851.48	\$1,253,198.00	\$1,253,198.00	\$1,131,920.78	\$282,980.24				
														\$108,597.09	\$1,683,255.17	\$1,683,255.17	\$1,520,359.52	\$380,089.95				
														\$15,308,391.63	\$20,508,908.67	\$62,495,193.19	\$115,366,777.73	\$134,565,088.64	\$137,100,058.11	\$160,501,337.93	\$218,377,443.78	
MATSOLD001	SOLDADURA E7018	kg	285.75228											2.020202% 5.772773	31.313131% 89.477986	31.313131% 89.477986	28.282828% 80.818826	7.070708% 20.204709				
														\$197.43	\$3,060.15	\$3,060.15	\$2,764.00	\$691.00				
MATUBACE64	TUBO DE ACERO DE 64 MM DIAM	kg	1,714.51652											2.020202% 34.636697	31.313131% 536.868804	31.313131% 536.868804	28.282828% 484.913758	7.070708% 121.228457				
														\$623.46	\$9,663.64	\$9,663.64	\$8,728.45	\$2,182.11				
MATUBACE75	TUBO DE ACERO DE 75 MM DIAM	kg	6,286.56152											2.020202% 127.001242	31.313131% 1968.519244	31.313131% 1968.519244	28.282828% 1778.017382	7.070708% 444.504408				
														\$2,286.02	\$35,433.35	\$35,433.35	\$32,004.31	\$8,001.08				
MATUERC01	TUERCA GALV. HEX. DE 1"	PZA	1,157.3000											2.020202% 23.379798	31.313131% 362.386865	31.313131% 362.386865	28.282828% 327.317168	7.070708% 81.829304				
														\$46.76	\$724.77	\$724.77	\$654.63	\$163.67				
MFLETEMULS	FLETE EMULSION ASFALTICA	lts	18,136.243027											2.020202% 366.388744	31.313131% 5679.025537	31.313131% 5679.025537	28.282828% 5129.442421	7.070708% 1282.360787				
														\$128.24	\$1,987.66	\$1,987.66	\$1,795.31	\$448.82				
MICROESF01	MICROESFERA	kg	27.261547											2.020202% 0.550738	31.313131% 8.536444	31.313131% 8.536444	28.282828% 7.710336	7.070708% 1.927584				
														\$19.28	\$298.77	\$298.77	\$269.86	\$67.47				
OXIGENO	Oxigeno	m3	354.33402											2.020202% 7.158263	31.313131% 110.953076	31.313131% 110.953076	28.282828% 100.215681	7.070708% 25.053924				
														\$300.65	\$4,660.03	\$4,660.03	\$4,209.06	\$1,052.26				
QH001	HILO PLÁSTICO	ml	438.7911											2.020202% 8.864467	31.313131% 137.399232	31.313131% 137.399232	28.282828% 124.102532	7.070708% 31.025637				
														\$2.66	\$41.22	\$41.22	\$37.23	\$9.31				
REGDESP	REGALIA BANCO DE TIRO	m3	25.2720											2.020202% 0.510545	31.313131% 7.913454	31.313131% 7.913454	28.282828% 7.147636	7.070708% 1.786909				
														\$5.11	\$79.13	\$79.13	\$71.48	\$17.87				
														\$3,609.61	\$55,948.72	\$55,948.72	\$50,534.33	\$12,633.59				
														\$15,312,001.24	\$20,564,857.39	\$62,551,141.91	\$115,417,312.06	\$134,577,722.23	\$137,100,058.11	\$160,501,337.93	\$218,377,443.78	
VLLTAPINTAR	LLANTAS PARA PINTARAYAS	JGO	0.017623											2.020215% 0.000356	31.313100% 0.005518	31.313100% 0.005518	28.282835% 0.004984	7.070751% 0.001246				
														\$3.74	\$57.94	\$57.94	\$52.33	\$13.09				
														\$328,003.68	\$5,084,057.30	\$5,084,057.30	\$4,592,051.77	\$1,148,013.19				
	TOTAL OBRA CIVIL PASOS VEHICULARES CRUCE EN T PVT5_23 (PZS)													\$328,003.68	\$5,412,060.98	\$10,496,118.28	\$15,088,170.05	\$16,236,183.24	\$16,236,183.24	\$16,236,183.24	\$16,236,183.24	
	ACUMULADO OBRA CIVIL PASOS VEHICULARES CRUCE EN T PVT5_23 (PZS)																					
	PORCENTAJE PERIODO OBRA CIVIL PASOS VEHICULARES CRUCE EN T PVT5_23 (PZS)																					
	PORCENTAJE ACUMULADO OBRA CIVIL PASOS VEHICULARES CRUCE EN T PVT5_23 (PZS)																					
2	REPOSICIÓN VIADUCTOS PVT5_24/PVT5_34/PVT5_37/PVT5_38/PVT5_41 (PZS)																					
103205-1070	Thiner estandard comex	lts	309.17688											1.098901% 3.397548	11.355311% 35.107996	10.989011% 33.975481	11.355311% 35.107996	10.256410% 31.710448	11.355311% 35.107996	10.989011% 33.975481	11.355311% 35.107996	9.890112% 30.577940
														\$61.02	\$630.54	\$610.20	\$630.54	\$630.54	\$630.54	\$610.20	\$630.54	\$549.18
103215-2035	OXIGENO INDUSTRIAL INFRA CILINDRO DE m3 20 KG		1,550.62208											1.098901% 17.039802	11.355311% 176.077960	10.989011% 170.398031	11.355311% 176.077960	10.256410% 159.038158	11.355311% 176.077960	10.989011% 170.398031	11.355311% 176.077960	9.890112% 153.358260
														\$957.64	\$9,895.58	\$9,576.37	\$9,895.58	\$8,937.94	\$9,895.58	\$9,576.37	\$9,895.58	\$8,618.74
103247-1130	Gasolina Magna	lts	1,727.39069											1.098901% 18.982314	11.355311% 196.150585	10.989011% 189.823153	11.355311% 196.150585	10.256410% 177.168271	11.355311% 196.150585	10.989011% 189.823153	11.355311% 196.150585	9.890112% 170.840874

REPRESENTANTE COMUN. ING. HÉCTOR RAÚL HUERTA AVENDAÑO

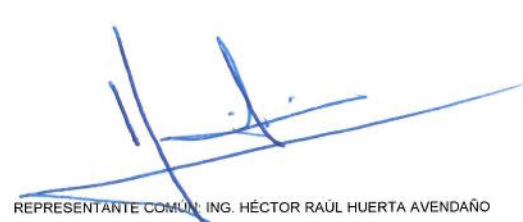
000523



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
 Fin obra: 05/09/2023

Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
															25.000000
															\$318,211.75
															100.000000%
															47084.100000
															\$4,002,148.50
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$5,375,556.90
															\$3,763,247,334.55
															100.000000%
															285.752280
															\$9,772.73
															100.000000%
															1714.516520
															\$30,861.30
															100.000000%
															6286.561520
															\$113,158.11
															100.000000%
															1157.300000
															\$2,314.60
															100.000000%
															18136.243027
															\$6,347.69
															100.000000%
															27.261547
															\$954.15
															100.000000%
															354.334020
															\$14,882.03
															100.000000%
															438.791100
															\$131.64
															100.000000%
															25.272000
															\$252.72
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$178,674.97
															\$3,763,426,009.52
															100.000000%
															0.017623
															\$185.04
\$16,236,183.24	\$16,236,183.24	\$16,236,183.24	\$16,236,183.24	\$16,236,183.24	\$16,236,183.24	\$16,236,183.24	\$16,236,183.24	\$16,236,183.24	\$16,236,183.24	\$16,236,183.24	\$16,236,183.24	\$16,236,183.24	\$16,236,183.24	\$16,236,183.24	\$16,236,183.24
100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
															100.000000%
															309.176880
															\$5,552.82
															100.000000%
															1550.622080
															\$87,144.96
															100.000000%
															1727.390690


 REPRESENTANTE COMUNITARIO: ING. HÉCTOR RAÚL HUERTA AVENDAÑO



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
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Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
															\$32,440.40
															100.000000%
															0.002240
															\$27.16
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$125,350.38
															\$3,763,551,359.90
															100.000000%
															0.480122
															\$7,389.08
															100.000000%
															0.331789
															\$82.95
															100.000000%
															2050.650000
															\$4,737.00
															100.000000%
															9189.600000
															\$119,464.80
															100.000000%
															36758.400000
															\$385,963.20
															100.000000%
															905085.104000
															\$2,443,729.78
															100.000000%
															5190169.276000
															\$10,380,338.55
															100.000000%
															16405.725610
															\$1,115,589.34
															100.000000%
															20877.476160
															\$330,908.00
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$14,788,202.70
															\$3,778,339,562.60
															100.000000%
															202.832000
															\$50,237.43
															100.000000%
															1897.600000
															\$4,364.48
															100.000000%
															1194.648000
															\$11,846,786.62
															100.000000%
															1194.648000
															\$907,359.05
															100.000000%
															0.918960
															\$1,102,752.00
															100.000000%
															0.918960
															\$1,102,752.00
															100.000000%
															5614.992720
															\$83,663.39
															100.000000%
															151.808000

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 REPRESENTANTE COMÚN ING. HÉCTOR RAÚL HUERTA AVENDAÑO

México Proyectos y Desarrollos S.A. de C.V., México Compañía Constructora S.A. de C.V., Acciona Infraestructuras México S.A. de C.V. y Acciona Construcción S.A.



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022
											\$175.00	\$1,808.29	\$1,749.96	\$1,808.29	\$1,808.29	\$1,633.30	\$1,808.29	\$1,749.96	\$1,808.29	\$1,574.99
COMBUSTOLEO	COMBUSTOLEO LAB OBRA	lts	183,792.0000								1.098901%	11.355311%	10.989011%	11.355311%	11.355311%	10.256410%	11.355311%	10.989011%	11.355311%	9.890112%
											2019.692126	20870.153193	20196.923097	20870.153193	20870.153193	18850.461067	20870.153193	20196.923097	20870.153193	18177.234647
											\$12,158.55	\$125,638.32	\$121,585.48	\$125,638.32	\$125,638.32	\$113,479.78	\$125,638.32	\$121,585.48	\$125,638.32	\$109,426.95
			Monto esta hoja:								\$178,244.66	\$1,841,861.81	\$1,782,446.98	\$1,841,861.81	\$1,841,861.81	\$1,663,617.15	\$1,841,861.81	\$1,782,446.98	\$1,841,861.81	\$1,604,202.65
			Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$17,018,244.60	\$43,488,476.33	\$35,654,063.88	\$19,016,179.16	\$18,733,283.63	\$24,100,236.46	\$66,086,520.98	\$118,610,557.72	\$138,113,056.45	\$140,521,336.76	\$164,036,659.06	\$221,456,595.21
DIESEL	DIESEL	lts	799,671.356184								1.098901%	11.355311%	10.989011%	11.355311%	11.355311%	10.256410%	11.355311%	10.989011%	11.355311%	9.890112%
											8787.596530	90805.169473	87875.973295	90805.169473	90805.169473	82017.572943	90805.169473	87875.973295	90805.169473	79088.392759
											\$169,600.61	\$1,752,539.77	\$1,696,006.28	\$1,752,539.77	\$1,752,539.77	\$1,582,939.16	\$1,752,539.77	\$1,696,006.28	\$1,752,539.77	\$1,526,405.99
			Monto esta hoja:								\$178,244.66	\$1,841,861.81	\$1,782,446.98	\$1,841,861.81	\$1,841,861.81	\$1,663,617.15	\$1,841,861.81	\$1,782,446.98	\$1,841,861.81	\$1,604,202.65
			Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$17,018,244.60	\$43,488,476.33	\$35,654,063.88	\$19,016,179.16	\$18,733,283.63	\$24,100,236.46	\$66,086,520.98	\$118,610,557.72	\$138,113,056.45	\$140,521,336.76	\$164,036,659.06	\$221,456,595.21
EMULLIGASMA	EMULSION ECRR65	lts	44,635.2000								1.098901%	11.355311%	10.989011%	11.355311%	11.355311%	10.256410%	11.355311%	10.989011%	11.355311%	9.890112%
											490.496659	5068.465775	4904.967038	5068.465775	5068.465775	4577.969116	5068.465775	4904.967038	5068.465775	4414.471271
											\$4,797.06	\$49,569.60	\$47,970.58	\$49,569.60	\$49,569.60	\$44,772.54	\$49,569.60	\$47,970.58	\$49,569.60	\$43,173.50
			Monto esta hoja:								\$178,244.66	\$1,841,861.81	\$1,782,446.98	\$1,841,861.81	\$1,841,861.81	\$1,663,617.15	\$1,841,861.81	\$1,782,446.98	\$1,841,861.81	\$1,604,202.65
			Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$17,018,244.60	\$43,488,476.33	\$35,654,063.88	\$19,016,179.16	\$18,733,283.63	\$24,100,236.46	\$66,086,520.98	\$118,610,557.72	\$138,113,056.45	\$140,521,336.76	\$164,036,659.06	\$221,456,595.21
LLBARRE	LLANTAS BARREDORA	JGO	0.015086								1.098924%	11.355287%	10.988979%	11.355287%	11.355287%	10.256429%	11.355287%	10.988979%	11.355287%	9.890253%
											0.000166	0.001713	0.001658	0.001713	0.001713	0.001547	0.001713	0.001658	0.001713	0.001492
											\$0.73	\$7.54	\$7.29	\$7.54	\$7.54	\$6.81	\$7.54	\$7.29	\$7.54	\$6.56
			Monto esta hoja:								\$178,244.66	\$1,841,861.81	\$1,782,446.98	\$1,841,861.81	\$1,841,861.81	\$1,663,617.15	\$1,841,861.81	\$1,782,446.98	\$1,841,861.81	\$1,604,202.65
			Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$17,018,244.60	\$43,488,476.33	\$35,654,063.88	\$19,016,179.16	\$18,733,283.63	\$24,100,236.46	\$66,086,520.98	\$118,610,557.72	\$138,113,056.45	\$140,521,336.76	\$164,036,659.06	\$221,456,595.21
LLCAMIOPETRO	LLANTAS CAMION PETROLIZADORA DE 60	JGO	0.021414								1.098883%	11.355328%	10.989018%	11.355328%	11.355328%	10.256398%	11.355328%	10.989018%	11.355328%	9.890042%
											0.000235	0.002432	0.002353	0.002432	0.002432	0.002196	0.002432	0.002353	0.002432	0.002118
											\$3.84	\$39.65	\$38.37	\$39.65	\$39.65	\$35.82	\$39.65	\$38.37	\$39.65	\$34.55
			Monto esta hoja:								\$178,244.66	\$1,841,861.81	\$1,782,446.98	\$1,841,861.81	\$1,841,861.81	\$1,663,617.15	\$1,841,861.81	\$1,782,446.98	\$1,841,861.81	\$1,604,202.65
			Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$17,018,244.60	\$43,488,476.33	\$35,654,063.88	\$19,016,179.16	\$18,733,283.63	\$24,100,236.46	\$66,086,520.98	\$118,610,557.72	\$138,113,056.45	\$140,521,336.76	\$164,036,659.06	\$221,456,595.21
LLCAMVOLTEO	LLANTAS CAMION TIPO VOLTEO MCA MERCEDES	JGO	0.015054								1.098909%	11.355306%	10.989025%	11.355306%	11.355306%	10.256397%	11.355306%	10.989025%	11.355306%	9.890116%
											0.000165	0.001709	0.001654	0.001709	0.001709	0.001544	0.001709	0.001654	0.001709	0.001489
											\$4.20	\$43.36	\$41.96	\$43.36	\$43.36	\$39.17	\$43.36	\$41.96	\$43.36	\$37.78
			Monto esta hoja:								\$178,244.66	\$1,841,861.81	\$1,782,446.98	\$1,841,861.81	\$1,841,861.81	\$1,663,617.15	\$1,841,861.81	\$1,782,446.98	\$1,841,861.81	\$1,604,202.65
			Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$17,018,244.60	\$43,488,476.33	\$35,654,063.88	\$19,016,179.16	\$18,733,283.63	\$24,100,236.46	\$66,086,520.98	\$118,610,557.72	\$138,113,056.45	\$140,521,336.76	\$164,036,659.06	\$221,456,595.21
LLCOMPACTADO	LLANTAS COMPACTADOR DE NEUMÁTICOS	JGO	0.155898								1.098899%	11.355305%	10.989013%	11.355311%	11.355311%	10.256412%	11.355311%	10.989013%	11.355311%	9.890114%
											0.001713	0.017703	0.017132	0.017703	0.017703	0.015990	0.017703	0.017132	0.017703	0.015418
											\$61.67	\$637.30	\$616.74	\$637.30	\$637.30	\$575.62	\$637.30	\$616.74	\$637.30	\$555.05
			Monto esta hoja:								\$178,244.66	\$1,841,861.81	\$1,782,446.98	\$1,841,861.81	\$1,841,861.81	\$1,663,617.15	\$1,841,861.81	\$1,782,446.98	\$1,841,861.81	\$1,604,202.65
			Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$17,018,244.60	\$43,488,476.33	\$35,654,063.88	\$19,016,179.16	\$18,733,283.63	\$24,100,236.46	\$66,086,520.98	\$118,610,557.72	\$138,113,056.45	\$140,521,336.76	\$164,036,659.06	\$221,456,595.21
LLFINISHER	LLANTAS FINISHER	JGO	0.1094								1.098903%	11.355311%	10.989013%	11.355311%	11.355311%	10.256408%	11.355311%	10.989013%	11.355311%	9.890110%
											0.001202	0.012423	0.012022	0.012423	0.012423	0.011221	0.012423	0.012022	0.012423	0.010820
											\$27.05	\$279.51	\$270.49	\$279.51	\$279.51	\$252.46	\$279.51	\$270.49	\$279.51	\$243.46
			Monto esta hoja:								\$178,244.66	\$1,841,861.81	\$1,782,446.98	\$1,841,861.81	\$1,841,861.81	\$1,663,617.15	\$1,841,861.81	\$1,782,446.98	\$1,841,861.81	\$1,604,202.65
			Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$17,018,244.60	\$43,488,476.33	\$35,654,063.88	\$19,016,179.16	\$18,733,283.63	\$24,100,236.46	\$66,086,520.98	\$118,610,557.72	\$138,113,056.45	\$140,521,336.76	\$164,036,659.06	\$221,456,595.21
LLMOTOCONF	LLANTAS MOTONIVELADORA KOMATSU 12G.	JGO	4.907819								1.098901%	11.355310%	10.989011%	11.355311%	11.355311%	10.256410%	11.355311%	10.989011%	11.355311%	9.890112%
											0.053932	0.557298	0.539321	0.557298	0.557298	0.503366	0.557298	0.539321	0.557298	0.485389
											\$1,941.55	\$20,062.73	\$19,415.55	\$20,062.73	\$20,062.73	\$18,121.18	\$20,062.73	\$19,415.55	\$20,062.73	\$17,473.99
			Monto esta hoja:								\$178,244.66	\$1,841,861.81	\$1,782,446.98	\$1,841,861.81	\$1,841,861.81	\$1,663,617.15	\$1,841,861.81	\$1,782,446.98	\$1,841,861.81	\$1,604,202.65
			Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$17,018,244.60	\$43,488,476.33	\$35,654,063.88	\$19,016,179.16	\$18,733,283.63	\$24,100,236.46	\$66,086,520.98	\$118,610,557.72	\$138,113,056.45	\$140,521,336.76	\$164,036,659.06	\$221,456,595.21
LLPIPA	LLANTAS PIPA PARA AGUA	JGO	1.79159								1.098901%	11.355312%	10.989011%	11.355311%	11.355311%	10.256410%	11.35			



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01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
															\$15,924.66
															100.000000%
															183792.000000
															\$1,106,427.84
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$16,220,267.47
															\$3,794,559,830.07
															100.000000%
															799671.356184
															\$15,433,657.17
															100.000000%
															44635.200000
															\$436,532.26
															100.000000%
															0.015086
															\$66.38
															100.000000%
															0.021414
															\$349.20
															100.000000%
															0.015054
															\$381.87
															100.000000%
															0.155898
															\$5,612.32
															100.000000%
															0.109400
															\$2,461.50
															100.000000%
															4.907819
															\$176,681.47
															100.000000%
															1.791590
															\$39,414.98
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$16,095,157.15
															\$3,810,654,987.22
															100.000000%
															0.153160
															\$7,030.35
															100.000000%
															2.390291
															\$93,045.51
															100.000000%
															2.460783
															\$29,529.39
															100.000000%
															4507.647200
															\$76,630.00
															100.000000%
															38315.026400
															\$984,696.18
															100.000000%
															1626.281957
															\$28,362.36
															100.000000%
															578.102800
															\$10,174.61
															100.000000%
															3.390660
															\$556.07


 REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO



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															100.000000%
															24744.000000
															\$5,264,286.00
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$6,494,310.47
															\$3,817,149,297.69
															100.000000%
															1240.497664
															\$148,859.72
															100.000000%
															485.606352
															\$71,141.33
															100.000000%
															1565.414280
															\$21,900.15
															100.000000%
															932.462160
															\$997,389.50
															100.000000%
															4393.581280
															\$33,610.90
															100.000000%
															578.102800
															\$12,718.26
															100.000000%
															53127.017918
															\$369,764.04
															100.000000%
															1341.429033
															\$141,681.73
															100.000000%
															18.684938
															\$142,270.29
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$1,939,335.92
															\$3,819,088,633.61
															100.000000%
															12.929977
															\$107,888.37
															100.000000%
															13440.648549
															\$155,373.90
															100.000000%
															131.093522
															\$25,489.82
															100.000000%
															3.238723
															\$7,706.31
															100.000000%
															344.923946
															\$2,962.90
															100.000000%
															16921.752058
															\$588,030.88
															100.000000%
															6.327966
															\$33,196.44
															100.000000%
															11031.632010
															\$2,537,275.36

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 REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO



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01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
															100.000000%
															307.342080
															\$4,917,473.28

\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$8,375,397.26
															\$3,827,464,030.87

100.000000%
 307.341600
 \$1,608,235.61

100.000000%
 0.030000
 \$381.06

100.000000%
 540.791856
 \$73,223.22

100.000000%
 5634.563200
 \$349,342.92

100.000000%
 143327.191160
 \$2,866,543.82

100.000000%
 1750.400000
 \$2,450,560.00

100.000000%
 120.000000
 \$1,527,416.40

100.000000%
 871035.350000
 \$74,038,004.75

\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$82,913,707.78
															\$3,910,377,738.65

100.000000%
 1126.910400
 \$38,540.34

100.000000%
 6761.473600
 \$121,706.52

100.000000%
 24792.073600
 \$446,257.32

100.000000%
 4564.000000
 \$9,128.00

100.000000%
 97762.217018
 \$34,216.78

100.000000%
 70.587888
 \$2,470.58

100.000000%
 1397.373600
 \$58,689.69

100.000000%
 2846.400000
 \$853.92

100.000000%

REPRESENTANTE COMÚN ING. HÉCTOR RAÚL HUERTA AVENDAÑO

México Proyectos y Desarrollos S.A. de C.V., México Compañía Constructora S.A. de C.V., Acciona Infraestructuras México S.A. de C.V. y Acciona Construcción S.A.



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022	
											1,276,417	13,189,648	12,764,176	13,189,648	13,189,648	11,913,230	13,189,648	12,764,176	13,189,648	11,487,761	
											\$12.76	\$131.90	\$127.64	\$131.90	\$131.90	\$119.13	\$131.90	\$127.64	\$131.90	\$114.87	
			Monto esta hoja:								\$7,835.43	\$80,966.18	\$78,354.37	\$80,966.18	\$80,966.18	\$73,130.74	\$80,966.18	\$78,354.37	\$80,966.18	\$70,518.88	
			Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$17,018,244.60	\$43,488,476.33	\$36,934,623.46	\$32,248,629.06	\$31,538,880.72	\$37,332,686.36	\$79,318,970.88	\$130,562,448.03	\$151,345,506.35	\$153,326,933.85	\$177,269,108.96	\$232,981,634.91	
VLLTAPINTAR	LLANTAS PARA PINTARAYAS	JGO	0.073165								1.098906%	11.355300%	10.989007%	11.355314%	11.355314%	10.256408%	11.355314%	10.989007%	11.355314%	9.890115%	
											0.000804	0.008308	0.008040	0.008308	0.008308	0.007504	0.008308	0.008040	0.008308	0.007236	
											\$8.44	\$87.24	\$84.42	\$87.24	\$87.24	\$78.79	\$87.24	\$84.42	\$87.24	\$75.97	
	TOTAL REPOSICIÓN VIADUCTOS PVT5_24/PVT5_34/PVT5_37/PVT5_38/PVT5_4 1 (PZS)										\$1,622,695.82	\$16,767,858.27	\$16,226,960.16	\$16,767,858.27	\$16,767,858.27	\$15,145,162.43	\$16,767,858.27	\$16,226,960.16	\$16,767,858.27	\$14,604,267.10	
	ACUMULADO REPOSICIÓN VIADUCTOS PVT5_24/PVT5_34/PVT5_37/PVT5_38/PVT5_4 1 (PZS)										\$1,622,695.82	\$18,390,554.09	\$34,617,514.25	\$51,385,372.52	\$68,153,230.79	\$83,298,393.22	\$100,066,251.49	\$116,293,211.65	\$133,061,069.92	\$147,665,337.02	
	PORCENTAJE PERIODO REPOSICIÓN VIADUCTOS PVT5_24/PVT5_34/PVT5_37/PVT5_38/PVT5_4 1 (PZS)										1.10%	11.36%	10.99%	11.36%	11.36%	10.26%	11.36%	10.99%	11.36%	9.89%	
	PORCENTAJE ACUMULADO REPOSICIÓN VIADUCTOS PVT5_24/PVT5_34/PVT5_37/PVT5_38/PVT5_4 1 (PZS)										1.10%	12.45%	23.44%	34.80%	46.15%	56.41%	67.77%	78.75%	90.11%	100.00%	
3	OBRA CIVIL PASOS VEHICULARES PVT5_27a/ PVT5_27b/ PVT5_47 (PZS)																				
103205-1070	Thiner estandard comex	lts	185.506128												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%	
															12.285175	34.398487	38.084039	36.855523	38.084039	25.798866	
															\$220.64	\$617.80	\$683.99	\$661.93	\$683.99	\$463.34	
103215-2035	OXIGENO INDUSTRIAL INFRA CILINDRO DE 20 KG	m3	930.373248												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%	
															61.614127	172.519539	191.003776	184.842370	191.003776	129.389659	
															\$3,462.71	\$9,695.60	\$10,734.41	\$10,388.14	\$10,734.41	\$7,271.71	
103247-1130	Gasolina Magna	lts	1,036.435555												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%	
															68.638121	192.186722	212.778157	205.914352	212.778157	144.140046	
															\$1,289.02	\$3,609.27	\$3,995.97	\$3,867.07	\$3,995.97	\$2,706.96	
910205-1050	2 Llantas R-8 5/75 mca. Michelin	JGO	0.001344												6.622418%	18.542770%	20.529496%	19.867254%	20.529496%	13.908566%	
															0.000089	0.000249	0.000276	0.000267	0.000276	0.000187	
															\$1.08	\$3.02	\$3.34	\$3.24	\$3.34	\$2.27	
			Monto esta hoja:								\$8.44	\$87.24	\$84.42	\$87.24	\$5,060.69	\$14,004.48	\$15,504.95	\$15,004.80	\$15,504.95	\$10,520.25	
			Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$17,018,244.60	\$43,488,476.33	\$36,934,631.90	\$32,248,716.30	\$31,538,965.14	\$37,332,773.60	\$79,324,031.57	\$130,576,452.51	\$151,361,011.30	\$153,341,938.65	\$177,284,613.91	\$232,992,155.16	
910205-1130	6 llantas 900x20 pxn 12 capas p/camion	JGO	0.288073												6.622515%	18.543046%	20.529802%	19.867550%	20.529802%	13.907286%	
															0.019078	0.053418	0.059141	0.057233	0.059141	0.040063	
															\$293.61	\$822.10	\$910.18	\$880.82	\$910.18	\$616.56	
910205-1235	LLANTAS PARA SOLDADORA ELECTRICA DE 300A MCA MILLER MOD AC-300	JGO	0.199073												6.622520%	18.543043%	20.529802%	19.867549%	20.529802%	13.907283%	
															0.013184	0.036914	0.040869	0.039551	0.040869	0.027686	
															\$3.30	\$9.23	\$10.22	\$9.89	\$10.22	\$6.91	
AC00015	Cemento gris	kg	1,230.3900												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%	
															81.482787	228.151784	252.596619	244.448348	252.596619	171.113844	
															\$188.23	\$527.03	\$583.50	\$564.68	\$583.50	\$395.26	
ACARRE001.1	TARIFA DE ACARREO P/MEZCLA ASFALT 1ER KM	m3	5,513.7600												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%	
															365.149693	1022.419053	1131.963956	1095.449025	1131.963956	766.814317	
															\$4,746.95	\$13,291.45	\$14,715.53	\$14,240.84	\$14,715.53	\$9,968.58	
ACARRE002.1	TARIFA DE ACARREO P/MEZCLA ASFALT KM M3-KM SUB	m3	22,055.0400												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%	
															1460.598773	4089.676213	4527.855822	4381.796100	4527.855822	3067.257270	
															\$15,336.29	\$42,941.60	\$47,542.49	\$46,008.86	\$47,542.49	\$32,206.19	
ACARRE003	TARIFA DE ACARREO 1ER. KM.	m3	543,051.1110												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%	
															35963.652145	100698.217316	111487.312417	107890.951003	111487.312417	75523.665702	
															\$97,101.86	\$271,885.19	\$301,015.74	\$291,305.57	\$301,015.74	\$203,913.90	
ACARRE004	TARIFA DE ACARREO KMS. SUBSECUENTES	M3-KM	3,114,102.4890												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%	
															206231.966731	577449.457022	639319.043928	618695.869053	639319.043928	433087.108337	
															\$412,463.93	\$1,154,898.91	\$1,278,638.09	\$1,237,391.74	\$1,278,638.09	\$866,174.22	
ACEITE	Aceite	lts	9,967.77266												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%	
															660.117439	1848.328669	2046.363891	1980.352217	2046.363891	1386.246552	
															\$44,887.99	\$125,686.35	\$139,152.74	\$134,663.95	\$139,152.74	\$94,264.77	
ACERO	Acero de refuerzo Fy= 4,200 kg/cm2	kg	12,526.485696												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%	
															829.568645	2322.792005	2571.662586	2488.705809	2571.662586	1742.094066	

REPRESENTANTE COMUN. ING. HÉCTOR RAÚL HUERTA AVENDAÑO

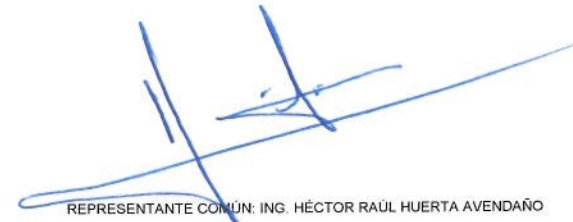
000533



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
 Fin obra: 05/09/2023

Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
															116.154000 \$1,161.54
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$713,024.69 \$3,911,090,763.34
															100.000000% 0.073165 \$768.24
\$147,665,337.02	\$147,665,337.02	\$147,665,337.02	\$147,665,337.02	\$147,665,337.02	\$147,665,337.02	\$147,665,337.02	\$147,665,337.02	\$147,665,337.02	\$147,665,337.02	\$147,665,337.02	\$147,665,337.02	\$147,665,337.02	\$147,665,337.02	\$147,665,337.02	\$147,665,337.02
100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
															100.000000% 185.506128 \$3,331.69
															100.000000% 930.373248 \$52,286.98
															100.000000% 1036.435555 \$19,464.26
															100.000000% 0.001344 \$16.29
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$75,867.46 \$3,911,166,630.80
															100.000000% 0.288073 \$4,433.45
															100.000000% 0.199073 \$49.77
															100.000000% 1230.390000 \$2,842.20
															100.000000% 5513.760000 \$71,678.88
															100.000000% 22055.040000 \$231,577.92
															100.000000% 543051.111000 \$1,466,238.00
															100.000000% 3114102.489000 \$6,228,204.98
															100.000000% 9967.772660 \$677,808.54
															100.000000% 12526.485696


 REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022
															\$13,148.66	\$36,816.25	\$40,760.85	\$39,445.99	\$40,760.85	\$27,612.20
			Monto esta hoja:												\$588,170.82	\$1,646,878.11	\$1,823,329.34	\$1,764,512.34	\$1,823,329.34	\$1,235,158.59
			Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$17,018,244.60	\$43,488,476.33	\$36,934,631.90	\$32,248,716.30	\$31,538,965.14	\$37,332,773.60	\$79,912,202.39	\$132,223,330.62	\$153,184,340.64	\$155,106,450.99	\$179,107,943.25	\$234,227,313.75
ACETILENO	ACETILENO	kg	121.6992												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%
															\$1,996.19	\$5,589.33	\$6,188.19	\$5,988.57	\$6,188.19	\$4,191.99
BARNEW-001	BARRERA NEW JERSEY DE CONCRETO PZA HIDRAULICO REFORZADO F'C= 250 KG/CM2 ARMADO CON ACERO DE REFUERZO F'C=4200 KG/CM2		2,494.1400												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%
	CALHIDRA	kg	1,138.5600												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%
															\$173.42	\$485.58	\$537.61	\$520.27	\$537.61	\$364.20
CEMASFALT-01	Cemento Asfáltico SUPER PAVE EKBE 76-22	TON	716.7888												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%
															\$47,469.60	\$132,914.77	\$147,155.314	\$142,408.373	\$147,155.314	\$99,685.861
CEMASFALT-02	Flete Cemento Asfáltico EKBESP PG64-22	TON	716.7888												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%
															\$36,054.00	\$100,951.20	\$111,767.40	\$108,162.01	\$111,767.40	\$75,713.42
CEMASFALT-03	Instalación y montaje de planta de asfalto	lote	0.551376												6.622517%	18.543047%	20.529802%	19.867550%	20.529802%	13.907283%
															\$43,817.96	\$122,690.29	\$135,835.68	\$131,453.88	\$135,835.68	\$92,017.71
CEMASFALT-04	Desmantelamiento de planta de asfalto y acarreo lote a talleres generales	lote	0.551376												6.622517%	18.543047%	20.529800%	19.867550%	20.529802%	13.907285%
															\$43,817.96	\$122,690.29	\$135,835.67	\$131,453.88	\$135,835.68	\$92,017.72
CM027	Malla electrosoldada 6-6 / 10-10	m2	3,368.995632												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%
															\$23,112.308	\$24,714.410	\$26,648.099	\$26,336.892	\$26,648.099	\$468,535.824
CO06	PINTURA DE ESMALTE, MCA COMEX	lts	91.0848												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%
															\$6,032.106	\$16,889.986	\$18,699.528	\$18,096.318	\$18,699.528	\$12,667.423
															\$632.77	\$1,771.75	\$1,961.58	\$1,898.30	\$1,961.58	\$1,328.82
			Monto esta hoja:												\$947,417.12	\$2,652,767.75	\$2,936,992.88	\$2,842,251.25	\$2,936,992.89	\$1,989,575.89
			Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$17,018,244.60	\$43,488,476.33	\$36,934,631.90	\$32,248,716.30	\$31,538,965.14	\$37,332,773.60	\$80,859,619.51	\$134,876,098.37	\$156,121,333.52	\$157,948,702.24	\$182,044,936.14	\$236,216,889.64
COMBUSTOLEO	COMBUSTOLEO LAB OBRA	lts	110,275.2000												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%
															\$43,964.02	\$123,099.25	\$136,288.46	\$131,892.06	\$136,288.46	\$92,324.45
DIESEL	DIESEL	lts	488,359.080676												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%
															\$3241,663.139	\$9056,648.975	\$10,259,147.428	\$9,702,984.533	\$10,259,147.428	\$7,917,489.173
															\$624,194.10	\$1,747,743.33	\$1,935,001.55	\$1,872,582.20	\$1,935,001.55	\$1,310,807.53
EMULLIGASMA	EMULSION ECRRE65	lts	26,781.1200												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%
															\$17,345.65	\$48,567.83	\$53,771.52	\$52,036.96	\$53,771.52	\$36,425.87
LLBARRE	LLANTAS BARREDORA	JGO	0.009051												6.622519%	18.543008%	20.529775%	19.867556%	20.529885%	13.907256%
															\$2.64	\$7.39	\$8.18	\$7.91	\$8.18	\$5.53
LLCAMION-01	LLANTAS Camión Kenworth T 370 con grua articulada PALFINGER mod. PK 15500 de 14.6 ton	JGO	0.026438												6.622505%	18.543053%	20.529785%	19.867554%	20.529823%	13.907280%
															\$51.12	\$143.14	\$158.48	\$153.37	\$158.48	\$107.36
LLCAMIOPETRO	LLANTAS CAMION PETROLIZADORA DE 60	JGO	0.012848												6.622520%	18.543088%	20.529836%	19.867560%	20.529836%	13.907160%
															\$13.88	\$38.85	\$43.01	\$41.63	\$43.01	\$29.14
LLCAMVOLTEO	LLANTAS CAMION TIPO VOLTEO MCA JGO MERCEDES	JGO	0.009032												6.622485%	18.543002%	20.529848%	19.867566%	20.529848%	13.907252%
															\$15.17	\$42.49	\$47.04	\$45.52	\$47.04	\$31.86
LLCOMPACTADO	LLANTAS COMPACTADOR DE NEUMÁTICOS	JGO	0.093539												6.622533%	18.543046%	20.529796%	19.867546%	20.529796%	13.907284%
															\$223.01	\$624.42	\$691.32	\$669.02	\$691.32	\$468.30
LLFINISHER	LLANTAS FINISHER	JGO	0.06564												6.622517%	18.543053%	20.529799%	19.867550%	20.529799%	13.907282%
															\$97.81	\$273.86	\$303.20	\$293.42	\$293.42	\$205.41

REPRESENTANTE COM. ING. HÉCTOR RAÚL HUERTA AVENDAÑO

000535



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
 Fin obra: 05/09/2023

Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
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\$198,544.80

\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$8,881,378.54	\$3,920,048,009.34
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100.000000%
 121.699200
 \$30,142.46

100.000000%
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 \$5,237,694.00

100.000000%
 1138.560000
 \$2,618.69

100.000000%
 716.788800
 \$7,108,071.97

100.000000%
 716.788800
 \$544,415.43

100.000000%
 0.551376
 \$661,651.20

100.000000%
 0.551376
 \$661,651.20

100.000000%
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 \$50,198.03

100.000000%
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 \$9,554.80

\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$14,305,997.78	\$3,934,354,007.12
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100.000000%
 110275.200000
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100.000000%
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 \$9,425,330.26

100.000000%
 26781.120000
 \$261,919.35

100.000000%
 0.009051
 \$39.83

100.000000%
 0.026438
 \$771.95

100.000000%
 0.012848
 \$209.52

100.000000%
 0.009032
 \$229.12

100.000000%
 0.093539
 \$3,367.39

100.000000%
 0.065640
 \$1,476.90

REPRESENTANTE COMÚN ING. HÉCTOR RAÚL HUERTA AVENDAÑO

México Proyectos y Desarrollos S.A. de C.V., México Compañía Constructora S.A. de C.V., Acciona Infraestructuras México S.A. de C.V. y Acciona Construcción S.A.



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022
			Monto esta hoja: Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$17,018,244.60	\$43,488,476.33	\$36,934,631.90	\$32,248,716.30	\$31,538,965.14	\$37,332,773.60	\$685,907.40 \$81,545,526.91	\$1,920,540.56 \$136,796,638.93	\$2,126,312.76 \$158,247,646.28	\$2,057,722.09 \$160,006,424.33	\$2,126,312.76 \$184,171,248.90	\$1,440,405.45 \$237,657,295.09
LLMOTOCONF	LLANTAS MOTONIVELADORA KOMATSU 12G,	JGO	2.944691												6.622517% 0.195013 \$7,020.46	18.543046% 0.546035 \$19,657.28	20.529801% 0.604539 \$21,763.41	19.867550% 0.585038 \$21,061.37	20.529801% 0.604539 \$21,763.41	13.907285% 0.409527 \$14,742.95
LLPIPA	LLANTAS PIPA PARA AGUA	JGO	1.074954												6.622517% 0.071189 \$1,566.16	18.543046% 0.199329 \$4,385.24	20.529801% 0.220686 \$4,855.09	19.867550% 0.213567 \$4,698.47	20.529801% 0.220686 \$4,855.09	13.907285% 0.149497 \$3,288.94
LLPLANTAASF	LLANTAS PLANTA DE FABRICACION DE ASFALTO	JGO	0.091896												6.622508% 0.006086 \$279.35	18.543049% 0.017040 \$782.16	20.529805% 0.018866 \$865.99	19.867546% 0.018257 \$838.05	20.529805% 0.018866 \$865.99	13.907286% 0.012780 \$586.65
LLTRAXC	LLANTAS PARA CARGADOR	JGO	1.434179												6.622517% 0.094979 \$3,697.19	18.543046% 0.265941 \$10,352.12	20.529801% 0.294434 \$11,461.27	19.867550% 0.284936 \$11,091.55	20.529801% 0.284434 \$11,461.27	13.907284% 0.199455 \$7,764.09
LLVIBROCOM	LLANTAS VIBRO CS563	JGO	1.47647												6.622517% 0.097779 \$1,173.35	18.543046% 0.273782 \$3,285.39	20.529801% 0.303116 \$3,637.39	19.867550% 0.293338 \$3,520.06	20.529801% 0.303116 \$3,637.39	13.907285% 0.205337 \$2,464.05
MAACE027	PERNO ROSCADO DE 3/4"	kg	2,704.58832												6.622517% 179.111821 \$3,044.90	18.543046% 501.513056 \$8,525.72	20.529801% 555.246600 \$9,439.19	19.867550% 537.335437 \$9,134.70	20.529801% 555.246600 \$9,439.19	13.907285% 376.134806 \$6,394.30
MAACEROA36	ACERO ESTRUCTURAL A-36	kg	22,989.01584												6.622517% 1522.451482 \$39,127.00	18.543046% 4262.863782 \$109,555.60	20.529801% 4719.599204 \$121,293.70	19.867550% 4567.354217 \$117,381.00	20.529801% 4719.599204 \$121,293.70	13.907285% 3197.147952 \$82,166.71
MAAD0023	CURACONSA ROJO	lts	975.769174												6.622517% 64.620479 \$1,126.98	18.543046% 180.937327 \$3,155.55	20.529801% 200.323470 \$3,493.64	19.867550% 193.861429 \$3,380.94	20.529801% 200.323470 \$3,493.64	13.907285% 135.703000 \$2,366.86
MAALAMREC	Alambre Recocido No. 18	kg	346.86168												6.622517% 22.970974 \$404.29	18.543046% 64.318721 \$1,132.01	20.529801% 71.210013 \$1,253.30	19.867550% 68.912918 \$1,212.87	20.529801% 71.210013 \$1,253.30	13.907285% 48.239042 \$849.00
			Monto esta hoja: Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$17,018,244.60	\$43,488,476.33	\$36,934,631.90	\$32,248,716.30	\$31,538,965.14	\$37,332,773.60	\$57,439.68 \$81,602,966.59	\$160,831.09 \$136,957,470.02	\$178,062.98 \$158,425,709.26	\$172,319.01 \$160,178,743.34	\$178,062.98 \$184,349,311.88	\$120,623.35 \$237,777,918.44
MAARENA	ARENA MEDIDA EN BANCO	m3	2.034396												6.622517% 0.134728 \$22.10	18.543046% 0.377239 \$61.87	20.529801% 0.417657 \$68.50	19.867550% 0.404185 \$66.29	20.529801% 0.417657 \$68.50	13.907285% 0.282929 \$46.38
MABASE-00001	MATERIAL PARA BASE Y SUBBASE	m3	14,846.4000												6.622517% 983.205364 \$209,176.94	18.543046% 2752.974781 \$585,695.38	20.529801% 3047.936376 \$648,448.46	19.867550% 2949.615943 \$627,530.79	20.529801% 3047.936376 \$648,448.46	13.907285% 2064.731160 \$439,271.57
MACETILENO	ACETILENO	kg	744.298598												6.622517% 49.291301 \$5,914.96	18.543046% 138.015631 \$16,561.88	20.529801% 152.803021 \$18,336.36	19.867550% 147.873896 \$17,744.87	20.529801% 152.803021 \$18,336.36	13.907285% 103.511727 \$12,421.40
MACIMBR009	Triplay de pino de 16 mm. nacional (1 cara)	m2	291.363811												6.622517% 19.295618 \$2,826.81	18.543046% 54.027726 \$7,915.06	20.529801% 59.816411 \$8,763.10	19.867550% 57.886851 \$8,480.42	20.529801% 59.816411 \$8,763.10	13.907285% 40.520796 \$5,936.31
MACLAVO	CLAVO DE 2 1/2" A 3 1/2"	kg	939.248568												6.622517% 62.201896 \$870.20	18.543046% 174.165294 \$2,436.57	20.529801% 192.825862 \$2,697.63	19.867550% 186.605679 \$2,610.61	20.529801% 192.825862 \$2,697.63	13.907285% 130.623975 \$1,827.45
MACON150	CONCRETO PREMEZCLADO f'c = 150 kg/cm², m3 RESISTENCIA NORMAL	m3	559.477296												6.622517% 37.051479 \$39,631.37	18.543046% 103.744132 \$110,967.84	20.529801% 114.859576 \$122,857.25	19.867550% 111.154432 \$118,894.11	20.529801% 114.859576 \$122,857.25	13.907285% 77.808102 \$83,225.88
MADERACIMB01	MADERA PARA CIMBRA	PT	2,636.148768												6.622517% 174.579400 \$1,335.53	18.543046% 488.822279 \$3,739.49	20.529801% 541.196096 \$4,140.15	19.867550% 523.738175 \$4,006.60	20.529801% 541.196096 \$4,140.15	13.907285% 366.616722 \$2,804.62
MADESENC001	DESENCOFRANTE	lts	346.86168												6.622517% 22.970974 \$505.36	18.543046% 64.318721 \$1,415.01	20.529801% 71.210013 \$1,566.62	19.867550% 68.912918 \$1,516.08	20.529801% 71.210013 \$1,566.62	13.907285% 48.239042 \$1,061.27
MAEMULFM-1	EMULSIÓN ASFÁLTICA FM-1	lts	31,876.210751												6.622517% 2111.007476 \$14,692.61	18.543046% 5910.820423 \$41,139.31	20.529801% 6544.122634 \$45,547.09	19.867550% 6333.022109 \$44,077.83	20.529801% 6544.122634 \$45,547.09	13.907285% 4433.115476 \$30,854.50

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REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO

000537



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
 Fin obra: 05/09/2023

Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
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\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$10,357,201.02
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\$3,944,711,208.14
 100.000000%
 2.944691
 \$106,008.88
 100.000000%
 1.074954
 \$23,648.99
 100.000000%
 0.091896
 \$4,218.21
 100.000000%
 1.434179
 \$55,827.49
 100.000000%
 1.476470
 \$17,717.63
 100.000000%
 2704.588320
 \$45,978.00
 100.000000%
 22989.015840
 \$590,817.71
 100.000000%
 975.769174
 \$17,017.41
 100.000000%
 346.861680
 \$6,104.77

\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$867,339.09
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\$3,945,578,547.23
 100.000000%
 2.034396
 \$333.64
 100.000000%
 14846.400000
 \$3,158,571.60
 100.000000%
 744.298598
 \$89,315.83
 100.000000%
 291.363811
 \$42,684.80
 100.000000%
 939.248568
 \$13,140.09
 100.000000%
 559.477296
 \$598,433.70
 100.000000%
 2636.148768
 \$20,166.54
 100.000000%
 346.861680
 \$7,630.96
 100.000000%
 31876.210751
 \$221,858.43


 REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO

México Proyectos y Desarrollos S.A. de C.V., México Compañía Constructora S.A. de C.V., Acciona Infraestructuras México S.A. de C.V. y Acciona Construcción S.A.



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022
				<p>Monto esta hoja: Acumulado: \$39,149.45 \$52,199.27 \$52,199.27 \$78,298.90 \$78,298.90 \$17,018,244.60 \$43,488,476.33 \$36,934,631.90 \$32,248,716.30 \$31,538,965.14 \$37,332,773.60 \$274,975.88 \$81,877,942.47 \$769,932.41 \$137,727,402.43 \$852,425.16 \$159,278,134.42 \$824,927.60 \$161,003,670.94 \$852,425.16 \$185,201,737.04 \$577,449.38 \$238,355,367.82</p>																
MAEXP001	ALTO EXPLOSIVO	kg	804.85742												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%
															53.301819	149.245082	165.235627	159.905450	165.235627	111.933815
															\$5,629.74	\$15,763.27	\$17,452.19	\$16,889.21	\$17,452.19	\$11,822.44
MAEXP002	BROCA DE BARRENACION	PZA	11.210963												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%
															0.742448	2.078854	2.301588	2.227344	2.301588	1.559141
															\$5,653.12	\$15,828.75	\$17,524.68	\$16,959.37	\$17,524.68	\$11,871.57
MAEXP003	BARRA DE BARRENACION DE 11/2"	PZA	7.757986												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%
															0.513774	1.438567	1.592699	1.541322	1.592699	1.078925
															\$4,286.96	\$12,003.47	\$13,289.56	\$12,860.87	\$13,289.56	\$9,002.60
MAEXP004	CORDON DETONANTE	ml	8,064.389129												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%
															534.065541	1495.383386	1655.603040	1602.196542	1655.603040	1121.537580
															\$6,173.80	\$17,286.63	\$19,138.77	\$18,521.39	\$19,138.77	\$12,964.98
MAEXP005	CONECTOR MS	PZA	78.656113												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%
															5.209014	14.585239	16.147943	15.627043	16.147943	10.938930
															\$1,012.64	\$2,835.95	\$3,139.81	\$3,038.52	\$3,139.81	\$2,126.96
MAEXP006	COPE DE BARRENACION DE 1 1/2"	PZA	1.943234												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%
															0.128691	0.360335	0.398942	0.386073	0.398942	0.270251
															\$306.21	\$857.39	\$949.25	\$918.63	\$949.25	\$643.06
MAEXP007	MECHA BLANCA ROLLO DE 50 MTS.	ml	206.954368												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%
															13.705588	38.375644	42.487320	41.116762	42.487320	28.781734
															\$117.73	\$329.65	\$364.97	\$353.19	\$364.97	\$247.23
MAEXP008	AGENTE EXPLOSIVO	kg	10,153.051235												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%
															672.387544	1882.684961	2084.401214	2017.162531	2084.401214	1412.013771
															\$23,365.47	\$65,423.30	\$72,432.94	\$70,096.40	\$72,432.94	\$49,067.48
MAEXP009	ZANCO DE BARRENACION	PZA	3.796779												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%
															0.251442	0.704039	0.779471	0.754327	0.779471	0.528029
															\$1,319.06	\$3,693.38	\$4,089.10	\$3,957.19	\$4,089.10	\$2,770.04
				<p>Monto esta hoja: Acumulado: \$39,149.45 \$52,199.27 \$52,199.27 \$78,298.90 \$78,298.90 \$17,018,244.60 \$43,488,476.33 \$36,934,631.90 \$32,248,716.30 \$31,538,965.14 \$37,332,773.60 \$47,864.93 \$81,925,807.40 \$134,021.79 \$137,861,424.22 \$148,381.27 \$159,426,515.69 \$143,594.77 \$161,147,265.71 \$148,381.27 \$185,350,118.31 \$100,516.36 \$238,455,884.18</p>																
MAGRAVA	Grava 3/4" medido en banco	m3	6,618.979206												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%
															438.343023	1227.360359	1358.863259	1315.029003	1358.863259	920.520302
															\$100,818.90	\$282,292.88	\$312,538.55	\$302,456.67	\$312,538.55	\$211,719.67
MAILUFOT-001	Luminaria led para urbanización, 89W, 4000K, PZA driver 700mA, 24 VDC, 12,000 lúmenes con fotometría tipo II media, Montada en punta de poste cónico circular, metálico, pintura anticorrosiva color blanco, a 7m de altura, con placa base con perforaciones y pernos de anclaje	PZA	184.405248												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%
															12.212269	34.194350	37.858030	36.636805	37.858030	25.645763
															\$195,396.30	\$547,109.60	\$605,728.49	\$586,188.88	\$605,728.49	\$410,332.21
MAILUFOT-002	Cableado para conexiones eléctricas de todo el PZA sistema, protecciones eléctricas acorde a NOM-001-SEDE-2012, sistema de puesta a tierra y materiales menores.	PZA	184.40496												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%
															12.212250	34.194297	37.857971	36.636748	37.857971	25.645723
															\$63,903.41	\$178,929.52	\$198,100.54	\$191,710.21	\$198,100.54	\$134,197.15
MALLAN004	LLANTAS GRUA HIAB	JGO	0.0180												6.622500%	18.543056%	20.529778%	19.867556%	20.529778%	13.907333%
															0.001192	0.003338	0.003695	0.003576	0.003695	0.002503
															\$15.14	\$42.40	\$46.94	\$45.43	\$46.94	\$31.79
MAPINT001	PINTURA PARA TRAFICO	lts	324.475114												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%
															21.488420	60.167570	66.614095	64.465255	66.614095	45.125679
															\$2,909.53	\$8,146.69	\$9,019.55	\$8,728.60	\$9,019.55	\$6,110.01
MAPINTESMAL	PINTURA DE ESMALTE	LT	3,380.73792												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%
															223.889943	626.891788	694.058767	671.669797	694.058767	470.168858
															\$13,881.18	\$38,867.29	\$43,031.64	\$41,643.53	\$43,031.64	\$29,150.47
MAREGALAGUA	REGALIA POR EXTRACCION DE AGUA	m3	85,996.314696												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%
															5695.120560	15946.336192	17654.872274	17085.360820	17654.872274	11959.752574
															\$113,902.41	\$318,926.72	\$353,097.44	\$341,707.22	\$353,097.44	\$239,195.06
MASELLO-3E	SELLO 3E	m3	1,050.2400												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%
															69.552323	194.746486	215.612182	208.656957	215.612182	146.059870
															\$97,373.25	\$272,645.08	\$301,857.05	\$292,119.74	\$301,857.05	\$204,483.83

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 REPRESENTANTE COMÚN ING. HÉCTOR RAÚL HUERTA AVENDAÑO



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
 Fin obra: 05/09/2023

Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$4,152,135.59
															\$3,949,730,682.82
															100.000000%
															804.857420
															\$85,009.04
															100.000000%
															11.210963
															\$85,362.17
															100.000000%
															7.757986
															\$64,733.02
															100.000000%
															8064.389129
															\$93,224.34
															100.000000%
															78.656113
															\$15,293.89
															100.000000%
															1.943234
															\$4,623.79
															100.000000%
															206.954368
															\$1,777.74
															100.000000%
															10153.051235
															\$352,818.53
															100.000000%
															3.796779
															\$19,917.87
															\$722,760.39
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$3,950,453,443.21
															100.000000%
															6618.979206
															\$1,522,365.22
															100.000000%
															184.405248
															\$2,950,483.97
															100.000000%
															184.404960
															\$964,941.37
															100.000000%
															0.018000
															\$228.64
															100.000000%
															324.475114
															\$43,933.93
															100.000000%
															3380.737920
															\$209,605.75
															100.000000%
															85996.314696
															\$1,719,926.29
															100.000000%
															1050.240000
															\$1,470,336.00


 REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO

México Proyectos y Desarrollos S.A. de C.V., México Compañía Constructora S.A. de C.V., Acciona Infraestructuras México S.A. de C.V. y Acciona Construcción S.A.



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022	
				Monto esta hoja:												\$588,200.12	\$1,646,960.18	\$1,823,420.20	\$1,764,600.28	\$1,823,420.20	\$1,235,220.19
				Acumulado:												\$82,514,007.52	\$139,508,384.40	\$161,249,935.89	\$162,911,865.99	\$187,173,538.51	\$239,691,104.37
MASEÑALV-001	señal varios tipos	JGO	72.0000	\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$17,018,244.60	\$43,488,476.33	\$36,934,631.90	\$32,248,716.30	\$31,538,965.14	\$37,332,773.60	\$82,514,007.52	\$139,508,384.40	\$161,249,935.89	\$162,911,865.99	\$187,173,538.51	\$239,691,104.37	
															6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%	
															4.768212	13.350993	14.781457	14.304636	14.781457	10.013245	
															\$60,692.05	\$169,937.72	\$188,145.33	\$182,076.13	\$188,145.33	\$127,453.28	
MATERRAP-001	MATERIAL PARA TERRAPLEN MEDIDO EN m3 BANCO		522,621.2100												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%	
															34610.678478	96909.891376	107293.094397	103832.030207	107293.094397	72682.421145	
															\$2,941,907.67	\$8,237,340.77	\$9,119,913.02	\$8,825,722.57	\$9,119,913.02	\$6,178,005.80	
MATSOLD001	SOLDADURA E7018	kg	676.14624												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%	
															44.777900	125.378108	138.811478	134.333692	138.811478	94.033585	
															\$1,531.40	\$4,287.93	\$4,747.35	\$4,594.21	\$4,747.35	\$3,215.96	
MATUBACE64	TUBO DE ACERO DE 64 MM DIAM	kg	4,056.88416												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%	
															268.667843	752.269896	832.870245	806.003489	832.870245	564.202442	
															\$4,836.02	\$13,540.86	\$14,991.66	\$14,508.06	\$14,991.66	\$10,155.65	
MATUBACE75	TUBO DE ACERO DE 75 MM DIAM	kg	14,875.24416												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%	
															985.115573	2758.323367	3053.858024	2955.346571	3053.858024	2068.742600	
															\$17,732.08	\$49,649.82	\$54,969.44	\$53,196.24	\$54,969.44	\$37,237.37	
MATUERC01	TUERCA GALV. HEX. DE 1"	PZA	2,738.4000												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%	
															181.351006	507.782772	562.188071	544.052989	562.188071	380.837092	
															\$362.70	\$1,015.57	\$1,124.38	\$1,088.11	\$1,124.38	\$761.66	
MFLETEMULS	FLETE EMULSION ASFALTICA	lts	58,657.330751												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%	
															3884.591701	10876.855824	12042.233275	11653.774516	12042.233275	8157.642161	
															\$1,359.61	\$3,806.90	\$4,214.78	\$4,078.82	\$4,214.78	\$2,855.18	
MICROESF01	MICROESFERA	kg	42.352733												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%	
															2.804817	7.853487	8.694932	8.414450	8.694932	5.890115	
															\$98.17	\$274.87	\$304.32	\$294.51	\$304.32	\$206.16	
OXIGENO	Oxigeno	m3	838.42416												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%	
															55.524783	155.469378	172.126812	166.574339	172.126812	116.602037	
															\$2,332.04	\$6,529.71	\$7,229.33	\$6,996.12	\$7,229.33	\$4,897.28	
				Monto esta hoja:												\$3,030,851.74	\$8,486,384.15	\$9,395,639.61	\$9,092,554.77	\$9,395,639.61	\$6,364,788.34
				Acumulado:												\$85,544,859.26	\$147,994,768.55	\$170,845,575.50	\$172,004,420.76	\$196,569,178.12	\$246,055,892.71
QH001	HILO PLÁSTICO	ml	1,707.8400												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%	
															113.101994	316.685557	350.616153	339.305966	350.616153	237.514176	
															\$33.93	\$95.01	\$105.18	\$101.79	\$105.18	\$71.26	
REGDESP	REGALIA BANCO DE TIRO	m3	69.7410												6.622517%	18.543046%	20.529801%	19.867550%	20.529801%	13.907285%	
															4.618610	12.932106	14.317689	13.855828	14.317689	9.699080	
															\$46.19	\$129.32	\$143.18	\$138.56	\$143.18	\$96.98	
VLLTAPINTAR	LLANTAS PARA PINTARAYAS	JGO	0.043899												6.622522%	18.543056%	20.529808%	19.867542%	20.529808%	13.907264%	
															0.002907	0.008140	0.009012	0.008722	0.009012	0.006105	
															\$30.53	\$85.47	\$94.63	\$91.58	\$94.63	\$64.10	
TOTAL OBRA CIVIL PASOS VEHICULARES PVT5_27a/ PVT5_27b/ PVT5_47 (PZS)																\$6,225,911.79	\$17,432,551.53	\$19,300,324.90	\$18,677,734.42	\$19,300,324.91	\$13,074,414.17
ACUMULADO OBRA CIVIL PASOS VEHICULARES PVT5_27a/ PVT5_27b/ PVT5_47 (PZS)															\$6,225,911.79	\$23,658,463.32	\$42,958,788.22	\$61,636,522.64	\$80,936,847.55	\$94,011,261.72	
PORCENTAJE PERIODO OBRA CIVIL PASOS VEHICULARES PVT5_27a/ PVT5_27b/ PVT5_47 (PZS)																6.62%	18.54%	20.53%	19.87%	20.53%	13.91%
PORCENTAJE ACUMULADO OBRA CIVIL PASOS VEHICULARES PVT5_27a/ PVT5_27b/ PVT5_47 (PZS)																6.62%	25.17%	45.70%	65.56%	86.09%	100.00%
4	ESTRUCTURA PASO VEHICULAR RETORNO H PVT5_022/ PVT5_025/ PVT5_026/ PVT5_027/ PVT5_27c/ PVT5_27d/ PVT5_028/ PVT5_029/ PVT5_030/ PVT5_031/ PVT5_032/ PVT5_033/PVT5_035/ PVT5_036/ PVT5_039/ PVT5_040/ PVT5_042/ PVT5_043/ PVT5_044/ PVT5_045/ PVT5_046																				
103205-1070	Thiner estandar comex	lts	1,807.465737						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	1.818185%	
									109.543377	169.792229	164.315065	169.792229	164.315065	169.792229	169.792229	153.360720	169.792229	164.315065	169.792229	32.863071	
									\$1,967.40	\$3,049.47	\$2,951.10	\$3,049.47	\$2,951.10	\$3,049.47	\$3,049.47	\$2,754.36	\$3,049.47	\$2,951.10	\$3,049.47	\$590.20	



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
 Fin obra: 05/09/2023

Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$8,881,821.17 \$3,959,335,264.38
															100.000000% 72.000000 \$916,449.84
															100.000000% 522621.210000 \$44,422,802.85
															100.000000% 676.146240 \$23,124.20
															100.000000% 4056.884160 \$73,023.91
															100.000000% 14875.244160 \$267,754.39
															100.000000% 2738.400000 \$5,476.80
															100.000000% 58657.330751 \$20,530.07
															100.000000% 42.352733 \$1,482.35
															100.000000% 838.424160 \$35,213.81
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$45,765,858.22 \$4,005,101,122.60
															100.000000% 1707.840000 \$512.35
															100.000000% 69.741000 \$697.41
															100.000000% 0.043899 \$460.94
\$94,011,261.72	\$94,011,261.72	\$94,011,261.72	\$94,011,261.72	\$94,011,261.72	\$94,011,261.72	\$94,011,261.72	\$94,011,261.72	\$94,011,261.72	\$94,011,261.72	\$94,011,261.72	\$94,011,261.72	\$94,011,261.72	\$94,011,261.72	\$94,011,261.72	\$94,011,261.72
100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
															100.000000% 1807.465737 \$32,462.08


 REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO

México Proyectos y Desarrollos S.A. de C.V., México Compañía Constructora S.A. de C.V., Acciona Infraestructuras México S.A. de C.V. y Acciona Construcción S.A.



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022				
				Monto esta hoja:				\$1,967.40	\$3,049.47	\$2,951.10	\$3,049.47	\$2,951.10	\$3,049.47	\$3,160.12	\$3,064.16	\$3,392.46	\$3,283.03	\$3,392.46	\$822.54					
				Acumulado:				\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$17,020,212.00	\$43,491,525.80	\$36,937,583.00	\$32,251,765.77	\$31,541,916.24	\$37,335,823.07	\$85,548,019.38	\$147,997,832.71	\$170,648,967.96	\$172,007,703.79	\$196,572,570.58	\$246,056,715.25
103215-2035	OXIGENO INDUSTRIAL INFRA CILINDRO DE m3 20 KG		10,292.254056						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	9.393939%	9.393939%	1.818185%	181.132219	\$10,516.85
103247-1130	Gasolina Magna	lts	9,282.339543						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	9.393939%	9.393939%	1.818185%	168.770105	\$3,169.51
910205-1050	2 Llantas R-8.5/75 mca. Michelin	JGO	0.009893						6.060618%	9.393675%	9.090927%	9.393979%	9.090927%	9.393979%	9.393979%	8.484825%	9.393979%	9.090927%	9.393979%	9.393979%	9.393979%	1.818206%	0.000180	\$2.17
910205-1130	6 llantas 900x20 pnx 12 capas p/camion	JGO	2.121539						6.060606%	9.393938%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	9.393939%	9.393939%	1.818185%	0.038574	\$593.61
910205-1235	LLANTAS PARA SOLDADORA ELECTRICA DE JGO 300A MCA MILLER MOD AC-300	JGO	2.20225						6.060607%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	9.393939%	9.393939%	1.818185%	0.040041	\$10.01
AC00015	Cemento gris	kg	9,057.0375						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	9.393939%	9.393939%	1.818185%	164.673697	\$380.37
ACARRE001.1	TARIFA DE ACARREO P/MEZCLA ASFALT 1ER m3 KM		35,959.9338						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	9.393939%	9.393939%	1.818185%	653.818122	\$8,499.62
ACARRE002.1	TARIFA DE ACARREO P/MEZCLA ASFALT KM M3-KM SUB		143,839.7352						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	9.393939%	9.393939%	1.818185%	2615.272489	\$27,460.36
ACARRE003	TARIFA DE ACARREO 1ER. KM.	m3	862,164.8018						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	9.393939%	9.393939%	1.818185%	15675.751102	\$42,324.49
				Monto esta hoja:				\$309,856.44	\$480,277.46	\$464,784.64	\$480,277.46	\$464,784.64	\$480,277.46	\$480,277.46	\$433,798.97	\$480,277.46	\$464,784.64	\$480,277.46	\$92,956.99					
				Acumulado:				\$17,330,068.44	\$43,971,803.26	\$37,402,367.64	\$32,732,043.23	\$32,066,700.88	\$37,816,100.53	\$86,028,296.84	\$148,431,631.68	\$171,129,245.42	\$172,472,488.43	\$197,052,848.04	\$246,149,672.24					
ACARRE004	TARIFA DE ACARREO KMS. SUBSECUENTES	M3-KM	6,936,737.9208						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	9.393939%	9.393939%	1.818185%	126122.728365	\$252,245.45
ACEITE	Aceite	lts	22,360.200185						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	9.393939%	9.393939%	1.818185%	406.549806	\$27,645.40
ACERO	Acero de refuerzo Fy= 4,200 kg/cm2	kg	101,356.341744						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	9.393939%	9.393939%	1.818185%	1842.845802	\$29,209.13
ACETILENO	ACETILENO	kg	1,346.2974						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	9.393939%	9.393939%	1.818185%	24.478177	\$6,062.74
BARNEW-001	BARRERA NEW JERSEY DE CONCRETO PZA HIDRAULICO REFORZADO Fc= 250 KG/CM2 ARMADO CON ACERO DE REFUERZO Fc=4200 KG/CM2		34,440.0000						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	9.393939%	9.393939%	1.818185%	626.182914	\$1,314,984.12
CALHIDRA	CALHIDRA	kg	5,742.2400						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	9.393939%	9.393939%	1.818185%	104.404546	\$240.14
CEMASFALT-01	Cemento Asfaltico SUPER PAVE EKBE 76-22	TON	4,674.791394						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	9.393939%	9.393939%	1.818185%	84.996356	\$842,870.59
CEMASFALT-02	Flete Cemento Asfaltico EKBESP PG64-22	TON	4,674.791394						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	9.393939%	9.393939%	1.818185%	84.996356	\$64,556.43
CEMASFALT-03	Instalación y montaje de planta de asfalto	lote	3.595993						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	9.393939%	9.393939%	1.818185%	0.065382	\$78,458.22
Monto esta hoja:				\$8,720,891.91	\$13,517,382.00	\$13,081,337.85	\$13,517,382.00	\$13,081,337.85	\$13,517,382.00	\$13,081,337.85	\$13,517,382.00	\$13,517,382.00	\$12,209,248.10	\$13,517,382.00	\$13,081,337.85	\$13,517,382.00	\$13,081,337.85	\$13,517,382.00	\$2,616,272.22					

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000543



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
 Fin obra: 05/09/2023

Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$4,005,135,255.38
															\$34,132.78
															100.000000%
															10292.254056
															\$578,424.68
															100.000000%
															9282.339543
															\$174,322.34
															100.000000%
															0.009893
															\$119.94
															100.000000%
															2.121539
															\$32,650.48
															100.000000%
															2.202250
															\$550.56
															100.000000%
															9057.037500
															\$20,921.76
															100.000000%
															35959.933800
															\$467,479.14
															100.000000%
															143839.735200
															\$1,510,317.22
															100.000000%
															862164.801800
															\$2,327,844.96
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$5,112,631.08
															\$4,010,247,886.46
															100.000000%
															6936737.920800
															\$13,873,475.84
															100.000000%
															22360.200185
															\$1,520,493.61
															100.000000%
															101356.341744
															\$1,606,498.02
															100.000000%
															1346.297400
															\$333,450.94
															100.000000%
															34440.000000
															\$72,324,000.00
															100.000000%
															5742.240000
															\$13,207.15
															100.000000%
															4674.791394
															\$46,357,802.60
															100.000000%
															4674.791394
															\$3,550,597.56
															100.000000%
															3.595993
															\$4,315,192.06
															\$143,894,717.78

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 REPRESENTANTE COMUN. ING. HÉCTOR RAÚL HUERTA AVENDAÑO

México Proyectos y Desarrollos S.A. de C.V., México Compañía Constructora S.A. de C.V., Acciona Infraestructuras México S.A. de C.V. y Acciona Construcción S.A.



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FERREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022
Acumulado:				\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$26,050,960.35	\$57,489,185.26	\$50,483,705.49	\$46,249,425.23	\$45,088,038.73	\$51,333,482.53	\$99,545,678.84	\$160,640,879.78	\$184,646,627.42	\$185,553,826.28	\$210,570,230.04	\$248,765,944.46
CEMASFALT-04	Desmantelamiento de planta de asfalto y acarreo lote a talleres generales		3.595993						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	1.818185%
									0.217939	0.337805	0.326908	0.337805	0.326908	0.337805	0.337805	0.305115	0.337805	0.326908	0.337805	0.05382
									\$261,526.79	\$405,366.53	\$392,290.19	\$405,366.50	\$392,290.19	\$405,366.50	\$405,366.50	\$366,137.48	\$405,366.50	\$392,290.19	\$405,366.50	\$78,458.19
CM027	Malla electrosoldada 6-6 / 10-10	m2	27,486.90693						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	1.818185%
									1665.873131	2582.103270	2498.809696	2582.103270	2498.809696	2582.103270	2582.103270	2332.222273	2582.103270	2498.809696	2582.103270	499.762819
									\$24,821.51	\$38,473.34	\$37,232.26	\$38,473.34	\$37,232.26	\$38,473.34	\$38,473.34	\$34,750.11	\$38,473.34	\$37,232.26	\$38,473.34	\$7,446.47
CO06	PINTURA DE ESMALTE, MCA COMEX	lts	459.3792						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	1.818185%
									27.841163	43.153802	41.761745	43.153802	41.761745	43.153802	43.153802	38.977627	43.153802	41.761745	43.153802	8.352364
									\$2,920.54	\$4,526.83	\$4,380.81	\$4,526.83	\$4,380.81	\$4,526.83	\$4,526.83	\$4,088.75	\$4,526.83	\$4,380.81	\$4,526.83	\$876.18
COMBUSTOLEO	COMBUSTOLEO LAB OBRA	lts	719,198.6760						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	1.818185%
									43587.798110	67561.084912	65381.697164	67561.084912	65381.697164	67561.084912	67561.084912	61022.914477	67561.084912	65381.697164	67561.084912	13076.362447
									\$262,398.54	\$406,717.73	\$393,597.82	\$406,717.73	\$393,597.82	\$406,717.73	\$406,717.73	\$367,357.95	\$406,717.73	\$393,597.82	\$406,717.73	\$78,719.70
DIESEL	DIESEL	lts	1,554,829.714434						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	1.818185%
									94232.102963	146059.754928	141348.154444	146059.754928	141348.154444	146059.754928	146059.754928	131924.937929	146059.754928	141348.154444	146059.754928	28269.680643
									\$1,818,679.59	\$2,818,953.27	\$2,728,019.38	\$2,818,953.27	\$2,728,019.38	\$2,818,953.27	\$2,818,953.27	\$2,546,151.30	\$2,818,953.27	\$2,728,019.38	\$2,818,953.27	\$545,604.84
EMULLIGASMA	EMULSION ECR65	lts	174,662.5356						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	1.818185%
									10585.608112	16407.692050	15878.412168	16407.692050	15878.412168	16407.692050	16407.692050	14819.850659	16407.692050	15878.412168	16407.692050	3175.688023
									\$103,527.25	\$180,467.23	\$155,290.87	\$180,467.23	\$155,290.87	\$180,467.23	\$180,467.23	\$144,938.14	\$180,467.23	\$155,290.87	\$180,467.23	\$31,058.22
LLBARRE	LLANTAS BARREDORA	JGO	0.059032						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	1.818185%
									0.003578	0.005545	0.005367	0.005545	0.005367	0.005545	0.005545	0.005009	0.005545	0.005367	0.005545	0.001073
									\$15.74	\$24.40	\$23.61	\$24.40	\$23.61	\$24.40	\$24.40	\$22.04	\$24.40	\$23.61	\$24.40	\$4.73
LLCAMION-01	LLANTAS Camión Kenworth T 370 con grúa articulada PALFINGER mod. PK 15500 de 14.6 ton	JGO	0.365064						6.060606%	9.393939%	9.090910%	9.393939%	9.090910%	9.393939%	9.393939%	8.484849%	9.393939%	9.090910%	9.393939%	1.818180%
									0.022125	0.034294	0.033188	0.034294	0.033188	0.034294	0.034294	0.030975	0.034294	0.033188	0.034294	0.006638
									\$646.02	\$1,001.33	\$969.03	\$1,001.33	\$969.03	\$1,001.33	\$1,001.33	\$904.43	\$1,001.33	\$969.03	\$1,001.33	\$193.81
LLCAMIOPETRO	LLANTAS CAMION PETROLIZADORA DE 60	JGO	0.083794						6.060602%	9.393934%	9.090904%	9.393934%	9.090904%	9.393934%	9.393934%	8.484843%	9.393934%	9.090904%	9.393934%	1.818181%
									0.005078	0.007872	0.007618	0.007872	0.007618	0.007872	0.007872	0.007110	0.007872	0.007618	0.007872	0.001524
									\$82.82	\$128.36	\$124.22	\$128.36	\$124.22	\$128.36	\$128.36	\$115.94	\$128.36	\$124.22	\$128.36	\$24.87
Monto esta hoja:				\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$2,474,618.80	\$3,835,659.02	\$3,711,928.19	\$3,835,658.99	\$3,711,928.19	\$3,835,658.99	\$3,835,658.99	\$3,464,466.14	\$3,835,658.99	\$3,711,928.19	\$3,835,658.99	\$742,387.01
Acumulado:				\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$28,525,579.15	\$61,324,844.28	\$54,195,633.68	\$50,085,084.22	\$48,799,966.92	\$55,169,141.52	\$103,381,337.83	\$164,105,345.92	\$188,482,286.41	\$189,265,754.47	\$214,405,889.03	\$249,508,331.47
LLCAMVOLTEO	LLANTAS CAMION TIPO VOLTEO MCA JGO MERCEDES	JGO	0.058908						6.060612%	9.393941%	9.090909%	9.393941%	9.090909%	9.393941%	9.393941%	8.484846%	9.393941%	9.090909%	9.393941%	1.818189%
									0.003570	0.005534	0.005355	0.005534	0.005355	0.005534	0.005534	0.004998	0.005534	0.005355	0.005534	0.001071
									\$90.56	\$140.38	\$135.85	\$140.38	\$135.85	\$140.38	\$140.38	\$126.79	\$140.38	\$135.85	\$140.38	\$27.14
LLCOMPACTADO	LLANTAS COMPACTADOR DE NEUMÁTICOS	JGO	0.610046						6.060607%	9.393931%	9.090910%	9.393940%	9.090910%	9.393940%	9.393940%	8.484849%	9.393940%	9.090910%	9.393940%	1.818186%
									0.036972	0.057307	0.055459	0.057307	0.055459	0.057307	0.057307	0.051761	0.057307	0.055459	0.057307	0.011092
									\$1,331.01	\$2,063.06	\$1,996.51	\$2,063.06	\$1,996.51	\$2,063.06	\$2,063.06	\$1,863.41	\$2,063.06	\$1,996.51	\$2,063.06	\$399.33
LLFINISHER	LLANTAS FINISHER	JGO	0.428094						6.060606%	9.393939%	9.090910%	9.393939%	9.090910%	9.393939%	9.393939%	8.484847%	9.393939%	9.090910%	9.393939%	1.818185%
									0.025945	0.040215	0.038918	0.040215	0.038918	0.040215	0.040215	0.036323	0.040215	0.038918	0.040215	0.007784
									\$583.77	\$904.84	\$875.65	\$904.84	\$875.65	\$904.84	\$904.84	\$817.27	\$904.84	\$875.65	\$904.84	\$175.10
LLMOTOCONF	LLANTAS MOTONIVELADORA KOMATSU 12G, JGO	JGO	4.314235						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	1.818185%
									0.261469	0.405277	0.392203	0.405277	0.392203	0.405277	0.405277	0.366056	0.405277	0.392203	0.405277	0.078441
									\$9,412.88	\$14,589.96	\$14,119.31	\$14,589.96	\$14,119.31	\$14,589.96	\$14,589.96	\$13,178.03	\$14,589.96	\$14,119.31	\$14,589.96	\$2,823.85
LLPIPA	LLANTAS PIPA PARA AGUA	JGO	1.651242						6.060603%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	1.818185%
									0.100075	0.155117	0.150113	0.155117	0.150113	0.155117	0.155117	0.140105	0.155117	0.150113	0.155117	0.030023
									\$2,201.66	\$3,412.57	\$3,302.48	\$3,412.57	\$3,302.48	\$3,412.57	\$3,412.57	\$3,082.32	\$3,412.57	\$3,302.48	\$3,412.57	\$660.49
LLPLANTAASF	LLANTAS PLANTA DE FABRICACION DE ASFALTO	JGO	0.599332						6.060607%	9.393940%	9.090909%	9.393938%	9.090909%	9.393938%	9.393938%	8.484848%	9.393938%	9.090909%	9.393938%	1.818185%
									0.036323	0.056301	0.054485	0.056301	0.054485	0.056301	0.056301	0.050852	0.056301	0.054485	0.056301	0.010897
									\$1,667.31	\$2,584.32	\$2,500.96	\$2,584.32	\$2,500.96	\$						



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
 Fin obra: 05/09/2023

Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$4,154,142,604.24
															100.000000%
															3.595993
															\$4,315,192.06
															100.000000%
															27486.906930
															\$409,554.91
															100.000000%
															459.379200
															\$48,188.88
															100.000000%
															719198.676000
															\$4,329,576.03
															100.000000%
															1554829.714434
															\$30,008,213.49
															100.000000%
															174662.535600
															\$1,708,199.60
															100.000000%
															0.059032
															\$259.74
															100.000000%
															0.365064
															\$10,659.33
															100.000000%
															0.083794
															\$1,366.45
															\$40,831,210.49
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$4,194,973,814.73
															100.000000%
															0.058908
															\$1,494.32
															100.000000%
															0.610046
															\$21,961.64
															100.000000%
															0.428094
															\$9,632.13
															100.000000%
															4.314235
															\$155,312.45
															100.000000%
															1.651242
															\$36,327.33
															100.000000%
															0.599332
															\$27,510.55
															100.000000%
															3.285526
															\$127,893.83
															100.000000%
															2.184334
															\$26,212.01
															100.000000%
															29919.508290
															\$508,631.64
															\$914,975.90
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$4,195,888,790.63

México Proyectos y Desarrollos S.A. de C.V., México Compañía Constructora S.A. de C.V., Acciona Infraestructuras México S.A. de C.V. y Acciona Construcción S.A.



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022
MAACEROA36	ACERO ESTRUCTURAL A-36	kg	254,315.98773						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	1.818185%
									15413.090011	23890.288755	23119.635017	23890.288755	23119.635017	23890.288755	23890.288755	21578.324999	23890.288755	23119.635017	23890.288755	4623.935142
									\$396,116.41	\$613,980.42	\$594,174.62	\$613,980.42	\$594,174.62	\$613,980.42	\$613,980.42	\$554,562.95	\$613,980.42	\$594,174.62	\$613,980.42	\$118,835.14
MAAD0023	CURACONSA ROJO	lts	7,961.089714						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	1.818185%
									482.490281	747.859911	723.735421	747.859911	723.735421	747.859911	747.859911	675.486361	747.859911	723.735421	747.859911	144.747339
									\$8,414.63	\$13,042.68	\$12,621.95	\$13,042.68	\$12,621.95	\$13,042.68	\$13,042.68	\$11,780.48	\$13,042.68	\$12,621.95	\$13,042.68	\$2,524.36
MAALAMREC	Alambre Recocido No. 18	kg	2,829.96945						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	1.818185%
									171.513298	265.845604	257.269947	265.845604	257.269947	265.845604	265.845604	240.118606	265.845604	257.269947	265.845604	51.454080
									\$3,018.63	\$4,678.88	\$4,527.95	\$4,678.88	\$4,527.95	\$4,678.88	\$4,678.88	\$4,226.09	\$4,678.88	\$4,527.95	\$4,678.88	\$905.61
MAARENA	ARENA MEDIDA EN BANCO	m3	14.975415						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	1.818185%
									0.907601	1.406781	1.361401	1.406781	1.361401	1.406781	1.406781	1.270641	1.406781	1.361401	1.406781	0.272281
									\$148.85	\$230.71	\$223.27	\$230.71	\$223.27	\$230.71	\$230.71	\$208.39	\$230.71	\$223.27	\$230.71	\$44.66
MABASE-00001	MATERIAL PARA BASE Y SUBBASE	m3	97,979.8700						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	1.818185%
									5938.173880	9204.169220	8907.260820	9204.169220	8907.260820	9204.169220	9204.169220	8313.443040	9204.169220	8907.260820	9204.169220	1781.455299
									\$1,263,346.49	\$1,958,187.00	\$1,895,019.74	\$1,958,187.00	\$1,895,019.74	\$1,958,187.00	\$1,958,187.00	\$1,768,685.01	\$1,958,187.00	\$1,895,019.74	\$1,958,187.00	\$379,004.62
MACETILENO	ACETILENO	kg	8,233.803245						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	1.818185%
									499.018373	773.478454	748.527560	773.478454	748.527560	773.478454	773.478454	698.625690	773.478454	748.527560	773.478454	149.705776
									\$59,882.20	\$92,817.41	\$89,823.31	\$92,817.41	\$89,823.31	\$92,817.41	\$92,817.41	\$83,835.08	\$92,817.41	\$89,823.31	\$92,817.41	\$17,964.72
MACIMBRO09	Triplay de pino de 16 mm. nacional (1 cara)	m2	2,377.174338						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	1.818185%
									144.071171	223.310307	216.106756	223.310307	216.106756	223.310307	223.310307	201.699629	223.310307	216.106756	223.310307	43.221427
									\$21,106.43	\$32,714.96	\$31,659.64	\$32,714.96	\$31,659.64	\$32,714.96	\$32,714.96	\$29,549.00	\$32,714.96	\$31,659.64	\$32,714.96	\$6,331.93
MACLAVO	CLAVO DE 2 1/2" A 3 1/2"	kg	6,141.807021						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	1.818185%
									372.230725	576.957605	558.346087	576.957605	558.346087	576.957605	576.957605	521.122990	576.957605	558.346087	576.957605	111.669414
									\$5,207.51	\$8,071.64	\$7,811.26	\$8,071.64	\$7,811.26	\$8,071.64	\$8,071.64	\$7,290.51	\$8,071.64	\$7,811.26	\$8,071.64	\$1,562.24
MACON150	CONCRETO PREMEZCLADO Fc = 150 kg/cm², m3 RESISTENCIA NORMAL	m3	4,564.65429						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	1.818185%
									276.645712	428.800840	414.968568	428.800840	414.968568	428.800840	428.800840	387.303978	428.800840	414.968568	428.800840	82.993860
									\$295,908.55	\$458,658.24	\$443,862.83	\$458,658.24	\$443,862.83	\$458,658.24	\$458,658.24	\$414,271.95	\$458,658.24	\$443,862.83	\$458,658.24	\$88,772.74
			Monto esta hoja:						\$2,053,149.70	\$3,182,381.94	\$3,079,724.57	\$3,182,381.94	\$3,079,724.57	\$3,182,381.94	\$3,182,381.94	\$2,874,409.46	\$3,182,381.94	\$3,079,724.57	\$3,182,381.94	\$615,946.02
			Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$30,634,181.95	\$64,593,178.51	\$57,358,537.87	\$53,353,418.45	\$51,962,871.11	\$58,437,475.75	\$106,649,672.06	\$167,057,389.70	\$191,750,620.64	\$192,428,658.66	\$217,674,223.26	\$250,140,913.37
MADERACIMB01	MADERA PARA CIMBRA	PT	21,507.76782						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	1.818185%
									1303.501067	2020.426589	1955.251600	2020.426589	1955.251600	2020.426589	2020.426589	1824.901408	2020.426589	1955.251600	2020.426589	391.051008
									\$9,971.78	\$15,456.26	\$14,957.67	\$15,456.26	\$14,957.67	\$15,456.26	\$15,456.26	\$14,957.67	\$15,456.26	\$14,957.67	\$15,456.26	\$2,991.57
MADESENC001	DESENCOFRANTE	lts	2,829.96945						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	1.818185%
									171.513298	265.845604	257.269947	265.845604	257.269947	265.845604	265.845604	240.118606	265.845604	257.269947	265.845604	51.454080
									\$3,773.29	\$5,848.60	\$5,659.94	\$5,848.60	\$5,659.94	\$5,848.60	\$5,848.60	\$5,282.61	\$5,848.60	\$5,659.94	\$5,848.60	\$1,132.01
MAEMULFM-1	EMULSIÓN ASFÁLTICA FM-1	lts	207,891.969981						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	1.818185%
									12599.513206	19529.244846	18899.269809	19529.244846	18899.269809	19529.244846	19529.244846	17639.317657	19529.244846	18899.269809	19529.244846	3779.860614
									\$87,692.61	\$135,923.54	\$131,538.92	\$135,923.54	\$131,538.92	\$135,923.54	\$135,923.54	\$122,769.65	\$135,923.54	\$131,538.92	\$135,923.54	\$26,307.85
MAEXP001	ALTO EXPLOSIVO	kg	171.580367						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	1.818185%
									10.398810	16.118155	15.598215	16.118155	15.598215	16.118155	16.118155	14.558333	16.118155	15.598215	16.118155	3.119649
									\$1,098.32	\$1,702.40	\$1,647.48	\$1,702.40	\$1,647.48	\$1,702.40	\$1,702.40	\$1,537.65	\$1,702.40	\$1,647.48	\$1,702.40	\$329.51
MAEXP002	BROCA DE BARRENACION	PZA	2.389965						6.060607%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	1.818185%
									0.144846	0.224512	0.217270	0.224512	0.217270	0.224512	0.224512	0.202785	0.224512	0.217270	0.224512	0.043454
									\$1,102.89	\$1,709.47	\$1,654.33	\$1,709.47	\$1,654.33	\$1,709.47	\$1,709.47	\$1,544.04	\$1,709.47	\$1,654.33	\$1,709.47	\$330.86
MAEXP003	BARRA DE BARRENACION DE 11/2"	PZA	1.653856						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	1.818187%
									0.100234	0.155362	0.150351	0.155362	0.150351	0.155362	0.155362	0.140327	0.155362	0.150351	0.155362	0.030070
									\$836.36	\$1,296.35	\$1,254.53	\$1,296.35	\$1,254.53	\$1,296.35	\$1,296.35	\$1,170.90	\$1,296.35	\$1,254.53	\$1,296.35	\$250.91
MAEXP004	CORDON DETONANTE	ml	1,719.175117						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	1.818185%
									104.192430	161.498262	156.288645	161.498262	156.288645	161.498262	161.498262	145.869396	161.498262	156.288645	161.498262	31.257784
									\$1,204.46	\$1,866.92	\$1,806.70	\$1,866.92	\$1,806.70	\$1,866.92	\$1,866.92	\$1,686.25	\$1,866.92	\$1,806.70	\$1,866.92	\$361.33
MAEXP005	CONECTOR MS	PZA	16.767994																	



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
 Fin obra: 05/09/2023

Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
															100.000000%
															254315.987730
															\$6,535,920.88
															100.000000%
															7961.089714
															\$138,841.40
															100.000000%
															2829.969450
															\$49,807.46
															100.000000%
															14.975415
															\$2,455.97
															100.000000%
															97979.870000
															\$20,845,217.34
															100.000000%
															8233.803245
															\$988,056.39
															100.000000%
															2377.174338
															\$348,256.04
															100.000000%
															6141.807021
															\$85,923.88
															100.000000%
															4564.654290
															\$4,882,491.17
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$33,876,970.53
															\$4,229,765,761.16
															100.000000%
															21507.767820
															\$164,534.42
															100.000000%
															2829.969450
															\$62,259.33
															100.000000%
															207891.969981
															\$1,446,928.11
															100.000000%
															171.580367
															\$18,122.32
															100.000000%
															2.389965
															\$18,197.60
															100.000000%
															1.653856
															\$13,799.86
															100.000000%
															1719.175117
															\$19,873.66
															100.000000%
															16.767994
															\$3,260.37
															100.000000%
															0.414261
															\$985.70
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$1,747,961.37
															\$4,231,513,722.53



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01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
															100.000000%
															44.118754
															\$378.98
															100.000000%
															2164.438343
															\$75,214.23
															100.000000%
															0.809401
															\$4,246.11
															100.000000%
															43170.081938
															\$9,929,118.85
															100.000000%
															1358.067816
															\$21,729,085.06
															100.000000%
															1358.065695
															\$7,106,391.10
															100.000000%
															0.132500
															\$1,683.02
															100.000000%
															3360.462890
															\$455,006.68
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$39,301,124.03
															100.000000%
															37399.413240
															\$2,318,763.62
															100.000000%
															132099.367490
															\$2,641,987.35
															100.000000%
															6849.511200
															\$9,589,315.68
															100.000000%
															530.000000
															\$6,746,089.10
															100.000000%
															727572.300000
															\$61,843,645.50
															100.000000%
															7479.867780
															\$255,811.48
															100.000000%
															44879.281020
															\$807,827.06
															100.000000%
															164557.388520
															\$2,962,032.99
															100.000000%
															30293.550000
															\$60,587.10
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$87,226,059.88
															100.000000%
															\$4,358,040,906.44

México Proyectos y Desarrollos S.A. de C.V., México Compañía Constructora S.A. de C.V., Acciona Infraestructuras México S.A. de C.V. y Acciona Construcción S.A.



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022					
									23185.121319	35936.936896	34777.681978	35936.936896	34777.681978	35936.936896	35936.936896	32459.168316	35936.936896	34777.681978	35936.936896	6955.548637					
									\$8,114.79	\$12,577.93	\$12,172.19	\$12,577.93	\$12,172.19	\$12,577.93	\$12,577.93	\$11,360.71	\$12,577.93	\$12,172.19	\$12,577.93	\$2,434.43					
MICROESF01	MICROESFERA	kg	870.878068						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	1.818185%					
									52.780488	81.809755	79.170733	81.809754	79.170733	81.809754	81.809754	73.892680	81.809754	79.170733	81.809754	15.834174					
									\$1,847.32	\$2,863.34	\$2,770.98	\$2,863.34	\$2,770.98	\$2,863.34	\$2,863.34	\$2,586.24	\$2,863.34	\$2,770.98	\$2,863.34	\$554.19					
OXIGENO	Oxigeno	m3	9,275.06727						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	1.818185%					
									562.125283	871.294162	843.187925	871.294162	843.187925	871.294162	871.294162	786.975360	871.294162	843.187925	871.294162	168.637882					
									\$23,609.26	\$36,594.36	\$35,413.89	\$36,594.36	\$35,413.89	\$36,594.36	\$36,594.36	\$33,052.97	\$36,594.36	\$35,413.89	\$36,594.36	\$7,082.77					
QH001	HILO PLÁSTICO	ml	8,613.3600						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	1.818185%					
									522.021813	809.133784	783.032719	809.133784	783.032719	809.133784	809.133784	730.830504	809.133784	783.032719	809.133784	156.606820					
									\$156.61	\$242.74	\$234.91	\$242.74	\$234.91	\$242.74	\$242.74	\$219.25	\$242.74	\$234.91	\$242.74	\$46.98					
REGDESP	REGALIA BANCO DE TIRO	m3	652.6980						6.060606%	9.393939%	9.090909%	9.393939%	9.090909%	9.393939%	9.393939%	8.484848%	9.393939%	9.090909%	9.393939%	1.818185%					
									39.557454	61.314052	59.336181	61.314052	59.336181	61.314052	61.314052	55.380433	61.314052	59.336181	61.314052	11.867257					
									\$395.57	\$613.14	\$593.36	\$613.14	\$593.36	\$613.14	\$613.14	\$553.80	\$613.14	\$593.36	\$613.14	\$118.69					
VLLTAPINTAR	LLANTAS PARA PINTARAYAS	JGO	0.440977						6.060605%	9.393937%	9.090910%	9.393939%	9.090910%	9.393939%	9.393939%	8.484847%	9.393939%	9.090910%	9.393939%	1.818186%					
									0.026726	0.041425	0.040089	0.041425	0.040089	0.041425	0.041425	0.037416	0.041425	0.040089	0.041425	0.008018					
									\$280.62	\$434.96	\$420.93	\$434.96	\$420.93	\$434.96	\$434.96	\$392.87	\$434.96	\$420.93	\$434.96	\$84.22					
	TOTAL ESTRUCTURA PASO VEHICULAR RETORNO H PVT5_022/ PVT5_025/ PVT5_026/ PVT5_027/ PVT5_028/ PVT5_029/ PVT5_030/ PVT5_031/ PVT5_032/ PVT5_033/ PVT5_034/ PVT5_035/ PVT5_036/ PVT5_037/ PVT5_038/ PVT5_039/ PVT5_040/ PVT5_041/ PVT5_042/ PVT5_043/ PVT5_044/ PVT5_045/ PVT5_046								\$21,424,592.68	\$33,208,117.55	\$32,136,888.95	\$33,208,117.52	\$32,136,888.95	\$33,208,117.52	\$33,208,117.52	\$29,994,428.32	\$33,208,117.52	\$32,136,888.95	\$33,208,117.52	\$6,427,389.03					
	ACUMULADO ESTRUCTURA PASO VEHICULAR RETORNO H PVT5_022/ PVT5_025/ PVT5_026/ PVT5_027/ PVT5_028/ PVT5_029/ PVT5_030/ PVT5_031/ PVT5_032/ PVT5_033/ PVT5_034/ PVT5_035/ PVT5_036/ PVT5_037/ PVT5_038/ PVT5_039/ PVT5_040/ PVT5_041/ PVT5_042/ PVT5_043/ PVT5_044/ PVT5_045/ PVT5_046								\$21,424,592.68	\$54,632,710.23	\$86,769,599.18	\$119,977,716.70	\$152,114,605.65	\$185,322,723.17	\$218,530,840.69	\$248,525,269.01	\$281,733,386.53	\$313,870,275.48	\$347,078,393.00	\$353,505,782.03					
	Monto esta hoja:								\$34,404.17	\$53,326.47	\$51,606.26	\$53,326.47	\$51,606.26	\$53,326.47	\$53,326.47	\$48,165.84	\$53,326.47	\$51,606.26	\$53,326.47	\$10,321.28					
	Acumulado:								\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$38,442,837.28	\$76,696,593.88	\$69,071,520.85	\$65,456,833.82	\$63,675,854.09	\$70,540,891.12	\$118,753,087.43	\$177,989,506.67	\$203,854,036.01	\$204,141,641.64	\$229,777,638.63	\$252,483,514.08
	PVT5_029/ PVT5_030/ PVT5_031/ PVT5_032/ PVT5_033/ PVT5_034/ PVT5_035/ PVT5_036/ PVT5_037/ PVT5_038/ PVT5_039/ PVT5_040/ PVT5_041/ PVT5_042/ PVT5_043/ PVT5_044/ PVT5_045/ PVT5_046								6.06%	9.39%	9.09%	9.39%	9.09%	9.39%	9.39%	8.48%	9.39%	9.09%	9.39%	1.82%					
	ACUMULADO ESTRUCTURA PASO VEHICULAR RETORNO H PVT5_022/ PVT5_025/ PVT5_026/ PVT5_027/ PVT5_028/ PVT5_029/ PVT5_030/ PVT5_031/ PVT5_032/ PVT5_033/ PVT5_034/ PVT5_035/ PVT5_036/ PVT5_037/ PVT5_038/ PVT5_039/ PVT5_040/ PVT5_041/ PVT5_042/ PVT5_043/ PVT5_044/ PVT5_045/ PVT5_046								6.06%	15.45%	24.55%	33.94%	43.03%	52.42%	61.82%	70.30%	79.70%	88.79%	98.18%	100.00%					
5	AMPLIACIÓN A CUATRO CARRILES PARALELOS A LA VÍA																								
103205-1070	Thiner estandard comex	lts	3,673.8378						0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%					
									27.314764	204.860837	211.689547	211.689547	204.860837	211.689547	211.689547	191.203456	211.689547	204.860837	211.689547	204.860837					
									\$490.57	\$3,679.30	\$3,801.94	\$3,801.94	\$3,679.30	\$3,801.94	\$3,801.94	\$3,434.01	\$3,801.94	\$3,679.30	\$3,801.94	\$3,679.30					
103247-1130	Gasolina Magna	lts	91,350.256495						0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%					
									679.183676	5093.880311	5263.676686	5263.676686	5093.880311	5263.676686	5263.676686	4754.288473	5263.676686	5093.880311	5263.676686	5093.880311					
									\$12,755.07	\$95,663.07	\$98,851.85	\$98,851.85	\$95,663.07	\$98,851.85	\$98,851.85	\$89,285.54	\$98,851.85	\$95,663.07	\$98,851.85	\$95,663.07					
910205-1050	2 Llantas R-8 5/75 mca. Michelin	JGO	0.023481						0.743488%	5.576206%	5.762099%	5.762099%	5.576206%	5.762099%	5.762099%	5.204461%	5.762099%	5.576206%	5.762099%	5.576206%					
									0.000175	0.001309	0.001353	0.001353	0.001309	0.001353	0.001309	0.001222	0.001353	0.001309	0.001353	0.001309					
									\$2.12	\$15.87	\$16.40	\$16.40	\$15.87	\$16.40	\$16.40	\$14.82	\$16.40	\$15.87	\$16.40	\$15.87					
	Monto esta hoja:								\$13,247.76	\$99,358.24	\$102,670.19	\$102,670.19	\$99,358.24	\$102,670.19	\$102,670.19	\$92,734.37	\$102,670.19	\$99,358.24	\$102,670.19	\$99,358.24					
	Acumulado:								\$39,149.45	\$52,199.27	\$52,199.27	\$78,298.90	\$78,298.90	\$38,442,837.28	\$76,696,593.88	\$69,071,520.85	\$65,456,833.82	\$63,675,854.09	\$70,540,891.12	\$118,753,087.43	\$177,989,506.67	\$203,854,036.01	\$204,141,641.64	\$229,777,638.63	\$252,483,514.08
910205-1130	6 llantas 900x20 pxn 12 capas p/camion	JGO	0.964667						0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%					
									0.007172	0.053792	0.055585	0.055585	0.053792	0.055585	0.053792	0.050206	0.055585	0.053792	0.055585	0.053792					

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															382554.505581
															\$133,894.08
															100.000000%
															870.878068
															\$30,480.73
															100.000000%
															9275.067270
															\$389,552.83
															100.000000%
															8613.360000
															\$2,584.01
															100.000000%
															652.698000
															\$6,526.98
															100.000000%
															0.440977
															\$4,630.26
\$353,505,782.03	\$353,505,782.03	\$353,505,782.03	\$353,505,782.03	\$353,505,782.03	\$353,505,782.03	\$353,505,782.03	\$353,505,782.03	\$353,505,782.03	\$353,505,782.03	\$353,505,782.03	\$353,505,782.03	\$353,505,782.03	\$353,505,782.03	\$353,505,782.03	\$353,505,782.03
\$238,180,999.01	\$350,889,484.85	\$318,619,162.01	\$327,026,359.80	\$289,740,668.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$567,668.89
															\$4,358,608,575.33
100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
5.762082%	5.762082%	5.576208%	5.762082%	2.973977%											
211.689547	211.689547	204.860837	211.689547	109.259091											
\$3,801.94	\$3,801.94	\$3,679.30	\$3,801.94	\$1,962.35											
5.762082%	5.762082%	5.576208%	5.762082%	2.973977%											
5263.676686	5263.676686	5093.880311	5263.676686	2716.735618											
\$98,851.85	\$98,851.85	\$95,663.07	\$98,851.85	\$51,020.29											
5.762099%	5.762099%	5.576206%	5.761929%	2.973996%											
0.001353	0.001353	0.001309	0.001353	0.000698											
\$16.40	\$16.40	\$15.87	\$16.40	\$8.53											
\$102,670.19	\$102,670.19	\$99,358.24	\$102,670.19	\$52,991.17											
\$238,283,669.20	\$350,992,155.04	\$318,718,520.25	\$327,129,029.99	\$289,793,659.37	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$1,781,824.64
															\$4,360,390,399.97
5.762082%	5.762082%	5.576208%	5.762087%	2.973976%											
0.055585	0.055585	0.053792	0.055585	0.028689											
															100.000000%
															0.964667



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\$855.45	\$855.45	\$827.86	\$855.45	\$441.51											\$14,846.22
5.762082%	5.762082%	5.762082%	5.762082%	2.973977%											100.000000%
1238.712077	1238.712077	1198.753540	1238.712077	639.335092											21497.647500
\$2,861.43	\$2,861.43	\$2,769.12	\$2,861.43	\$1,476.82											\$49,659.57
5.762082%	5.762082%	5.762082%	5.762082%	2.973977%											100.000000%
5453.349646	5453.349646	5277.434775	5453.349646	2814.631312											94642.000000
\$70,893.55	\$70,893.55	\$68,606.65	\$70,893.55	\$36,590.17											\$1,230,346.00
5.762082%	5.762082%	5.762082%	5.762082%	2.973977%											100.000000%
306975.611728	306975.611729	297073.152018	306975.611728	158438.982444											5327512.030000
\$613,951.22	\$613,951.22	\$594,146.30	\$613,951.22	\$316,878.03											\$10,655,024.06
5.762082%	5.762082%	5.762082%	5.762082%	2.973977%											100.000000%
21813.398586	21813.398586	21109.739101	21813.398586	11258.525249											378568.000000
\$229,040.69	\$229,040.69	\$221,652.26	\$229,040.69	\$118,214.47											\$3,974,964.00
5.762082%	5.762082%	5.762082%	5.762082%	2.973977%											100.000000%
88514.714476	88514.714476	85659.395159	88514.714476	45685.001535											1536158.535676
\$238,989.73	\$238,989.73	\$231,280.37	\$238,989.73	\$123,349.48											\$4,147,628.05
5.762082%	5.762082%	5.762082%	5.762082%	2.973977%											100.000000%
1839094.662153	1839094.662153	1779768.904339	1839094.662153	949209.890811											31917190.039169
\$3,678,189.32	\$3,678,189.32	\$3,559,537.81	\$3,678,189.32	\$1,898,419.81											\$63,834,380.08
5.762082%	5.762082%	5.762082%	5.762082%	2.973977%											100.000000%
5564.916322	5564.916322	5385.402519	5564.916322	2872.214097											96578.221596
\$378,414.31	\$378,414.31	\$366,207.37	\$378,414.31	\$195,310.57											\$6,567,319.07
5.762082%	5.762082%	5.762082%	5.762082%	2.973977%											100.000000%
10917.817954	10917.817954	10565.629544	10917.817954	5635.001287											189476.962560
\$272,945.45	\$272,945.45	\$264,140.74	\$272,945.45	\$140,875.00											\$4,736,924.06
\$5,486,141.15	\$5,486,141.15	\$5,309,168.48	\$5,486,141.15	\$2,831,555.86											\$95,211,091.11
\$243,769,810.35	\$356,478,296.19	\$324,027,688.73	\$332,615,171.14	\$292,625,215.23	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$4,455,601,491.08
5.762082%	5.762082%	5.762082%	5.762082%	2.973977%											100.000000%
120.829435	120.829435	116.931703	120.829435	62.363562											2096.975272
\$1,915.15	\$1,915.15	\$1,853.37	\$1,915.15	\$988.41											\$33,237.06
5.762082%	5.762082%	5.762082%	5.762082%	2.973977%											100.000000%
9800.554716	9800.554716	9484.407131	9800.554716	5058.349450											170087.040000
\$63,703.61	\$63,703.61	\$61,648.65	\$63,703.61	\$32,879.20											\$1,105,565.76
5.762082%	5.762082%	5.762082%	5.762082%	2.973977%											100.000000%
115.343035	115.343035	111.622284	115.343035	59.531873											2001.759690
\$357,563.41	\$357,563.41	\$346,029.08	\$357,563.41	\$184,548.78											\$6,205,455.04
5.762082%	5.762082%	5.762082%	5.762082%	2.973977%											100.000000%
1572.989032	1572.989032	1522.247345	1572.989032	811.865087											27298.969920
\$44,830.19	\$44,830.19	\$43,384.05	\$44,830.19	\$23,138.12											\$778,020.64
5.762082%	5.762082%	5.762082%	5.762082%	2.973977%											100.000000%
9800.554716	9800.554716	9484.407131	9800.554716	5058.349450											170087.040000
\$686.04	\$686.04	\$663.91	\$686.04	\$354.06											\$11,906.09
5.762082%	5.762082%	5.762082%	5.762082%	2.973977%											100.000000%
353328.844597	353328.844597	341931.116196	353328.844597	182363.225179											6131964.880000
\$812,656.34	\$812,656.34	\$786,441.57	\$812,656.34	\$419,435.42											\$14,103,519.22
5.762082%	5.762082%	5.762082%	5.762082%	2.973977%											100.000000%
314.597806	314.597806	304.449469	314.597806	162.373017											5458.793984
\$4,624.59	\$4,624.59	\$4,475.41	\$4,624.59	\$2,396.84											\$80,258.97
5.762082%	5.762082%	5.762082%	5.762082%	2.973977%											100.000000%
708.935454	708.935454	686.066521	708.935454	365.902071											12303.460000
\$7,030,193.88	\$7,030,193.88	\$6,803,412.96	\$7,030,193.88	\$3,628,486.12											\$12,027,876.26
5.762082%	5.762082%	5.762082%	5.762082%	2.973977%											100.000000%
708.935454	708.935454	686.066521	708.935454	365.902071											12303.460000
\$538,450.66	\$538,450.66	\$521,081.24	\$538,450.66	\$277,909.93											\$9,344,723.94
\$8,854,623.87	\$8,854,623.87	\$8,568,990.24	\$8,854,623.87	\$4,570,126.88	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$153,670,562.98
\$252,624,434.22	\$365,332,920.06	\$332,596,678.97	\$341,469,795.01	\$297,195,342.11	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$4,609,272,054.06
5.762082%	5.762082%	5.762082%	5.762082%	2.973977%											100.000000%
0.545335	0.545335	0.527743	0.545335	0.281463											9.464200
\$654,401.95	\$654,401.99	\$633,292.18	\$654,401.95	\$337,755.75											\$11,357,040.00



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5.762082%	5.762082%	5.576208%	5.762082%	5.762082%	2.973977%										100.000000%
0.545335	0.545335	0.527743	0.545335	0.545335	0.281463										9.464200
\$654,401.95	\$654,401.95	\$633,292.18	\$654,401.95	\$654,401.95	\$337,755.75										\$11,357,040.00
5.762082%	5.762082%	5.576208%	5.762082%	5.762082%	2.973977%										100.000000%
22169.965128	22169.965128	21454.803473	22169.965128	22169.965128	11442.559544										384756.154600
\$330,332.48	\$330,332.48	\$319,676.57	\$330,332.48	\$330,332.48	\$170,494.15										\$5,732,866.70
5.762082%	5.762082%	5.576208%	5.762082%	5.762082%	2.973977%										100.000000%
40.597878	40.597878	39.288266	40.597878	40.597878	20.953738										704.569600
\$4,258.72	\$4,258.72	\$4,121.34	\$4,258.72	\$4,258.72	\$2,198.02										\$73,909.35
5.762082%	5.762082%	5.576208%	5.762082%	5.762082%	2.973977%										100.000000%
109066.992929	109066.992929	105548.695507	109066.992929	109066.992929	56292.626247										1892840.000000
\$656,583.30	\$656,583.30	\$635,403.15	\$656,583.30	\$656,583.30	\$338,881.57										\$11,394,896.80
5.762082%	5.762082%	5.576208%	5.762082%	5.762082%	2.973977%										100.000000%
20581.164904	20581.164904	19917.254976	20581.164904	20581.164904	10622.533844										357182.784000
\$33,564,792.78	\$33,564,792.78	\$32,482,055.28	\$33,564,792.78	\$33,564,792.78	\$17,323,759.35										\$582,511,543.29
5.762082%	5.762082%	5.576208%	5.762082%	5.762082%	2.973977%										100.000000%
734.061548	734.061548	710.382094	734.061548	734.061548	378.870374										12739.519296
\$8,566.50	\$8,566.50	\$8,290.16	\$8,566.50	\$8,566.50	\$4,421.40										\$148,670.19
5.762082%	5.762082%	5.576208%	5.762082%	5.762082%	2.973977%										100.000000%
301595.271240	301595.271240	291866.371261	301595.271240	301595.271240	155662.033268										5234137.092110
\$5,820,788.74	\$5,820,788.74	\$5,633,020.97	\$5,820,788.74	\$5,820,788.74	\$3,004,277.16										\$101,018,845.88
5.762082%	5.762082%	5.576208%	5.762082%	5.762082%	2.973977%										100.000000%
3.920222	3.920222	3.793763	3.920222	3.920222	2.023340										68.034816
\$9,918.16	\$9,918.16	\$9,598.22	\$9,918.16	\$9,918.16	\$5,119.06										\$172,128.08
\$41,704,044.58	\$41,704,044.62	\$40,358,750.05	\$41,704,044.58	\$21,524,662.21											\$723,766,940.29
\$294,328,478.80	\$407,036,964.68	\$372,955,429.02	\$383,173,839.59	\$318,720,004.32	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$5,333,038,994.35
5.762082%	5.762082%	5.576208%	5.762082%	5.762082%	2.973977%										100.000000%
33444.853845	33444.853845	32365.985345	33444.853845	33444.853845	17261.855368										580430.022432
\$327,090.67	\$327,090.67	\$316,539.34	\$327,090.67	\$327,090.67	\$168,820.93										\$5,676,605.62
5.762082%	5.762082%	5.576208%	5.762082%	5.762082%	2.973977%										100.000000%
384.438519	384.438519	372.037251	384.438519	384.438519	198.419827										6671.868248
\$40,496.75	\$40,496.75	\$39,190.40	\$40,496.75	\$40,496.75	\$20,901.61										\$702,814.60
5.762083%	5.762083%	5.576207%	5.762083%	5.762083%	2.973976%										100.000000%
0.022607	0.022607	0.021878	0.022607	0.022607	0.011668										0.392344
\$99.47	\$99.47	\$96.26	\$99.47	\$99.47	\$51.37										\$1,726.31
5.762079%	5.762079%	5.576211%	5.762079%	5.762079%	2.973974%										100.000000%
0.004379	0.004379	0.004238	0.004379	0.004379	0.002260										0.076000
\$127.87	\$127.87	\$123.74	\$127.87	\$127.87	\$65.96										\$2,219.09
5.762082%	5.762082%	5.576209%	5.762082%	5.762082%	2.973977%										100.000000%
0.041414	0.041414	0.040078	0.041414	0.041414	0.021375										0.718735
\$675.35	\$675.35	\$653.57	\$675.35	\$675.35	\$348.58										\$11,720.64
5.762082%	5.762082%	5.576208%	5.762082%	5.762082%	2.973977%										100.000000%
2.674124	2.674124	2.587862	2.674124	2.674124	1.380193										46.408986
\$67,834.23	\$67,834.23	\$65,646.03	\$67,834.23	\$67,834.23	\$35,011.19										\$1,177,252.10
5.762082%	5.762082%	5.576208%	5.762082%	5.762082%	2.973977%										100.000000%
0.105922	0.105922	0.102505	0.105922	0.105922	0.054669										1.838254
\$3,813.18	\$3,813.18	\$3,690.17	\$3,813.18	\$3,813.18	\$1,968.14										\$66,177.14
5.762082%	5.762082%	5.576208%	5.762082%	5.762082%	2.973977%										100.000000%
0.118124	0.118124	0.114314	0.118124	0.118124	0.060967										2.050030
\$3,265.05	\$3,265.05	\$3,159.73	\$3,265.05	\$3,265.05	\$1,685.21										\$56,664.47
5.762082%	5.762082%	5.576211%	5.762082%	5.762082%	2.973977%										100.000000%
0.068167	0.068167	0.065968	0.068167	0.068167	0.035183										1.183025
\$1,533.75	\$1,533.75	\$1,484.28	\$1,533.75	\$1,533.75	\$791.65										\$26,618.06
\$444,936.32	\$444,936.32	\$430,583.52	\$444,936.32	\$229,644.64											\$7,721,798.03
\$294,773,415.12	\$407,481,901.00	\$373,386,012.54	\$383,618,775.91	\$318,949,648.96	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$5,340,760,792.38
5.762082%	5.762082%	5.576208%	5.762082%	5.762082%	2.973977%										100.000000%
0.302125	0.302125	0.292379	0.302125	0.302125	0.155935										5.243327
\$10,876.49	\$10,876.49	\$10,525.64	\$10,876.49	\$10,876.49	\$5,613.69										\$188,759.78

México Proyectos y Desarrollos S.A. de C.V., México Compañía Constructora S.A. de C.V., Acciona Infraestructuras México S.A. de C.V. y Acciona Construcción S.A.



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022				
LLPIPA	LLANTAS PIPA PARA AGUA	JGO	1.932122				0.743495%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%				
							0.014365	0.107739	0.111330	0.111330	0.107739	0.111330	0.107739	0.111330	0.100557	0.107739	0.111330	0.107739	0.111330	0.107739				
							\$316.03	\$2,370.26	\$2,449.27	\$2,449.27	\$2,370.26	\$2,449.27	\$2,370.26	\$2,449.27	\$2,212.24	\$2,449.27	\$2,370.26	\$2,449.27	\$2,370.26	\$2,370.26				
LLPLANTAASF	LLANTAS PLANTA DE FABRICACION DE ASFALTO	JGO	1.577367				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%				
							0.011728	0.087957	0.090889	0.090889	0.087957	0.090889	0.087957	0.090889	0.082093	0.090889	0.090889	0.087957	0.090889	0.087957				
							\$538.32	\$4,037.41	\$4,172.00	\$4,172.00	\$4,037.41	\$4,172.00	\$4,037.41	\$4,172.00	\$4,172.00	\$3,768.25	\$4,172.00	\$4,037.41	\$4,172.00	\$4,037.41				
LLTRAXC	LLANTAS PARA CARGADOR	JGO	9.069513				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%				
							0.067431	0.505735	0.522593	0.522593	0.505735	0.522593	0.505735	0.522593	0.427019	0.522593	0.505735	0.522593	0.505735	0.505735				
							\$2,624.86	\$19,686.46	\$20,342.68	\$20,342.68	\$19,686.46	\$20,342.68	\$19,686.46	\$20,342.68	\$18,374.03	\$20,342.68	\$19,686.46	\$20,342.68	\$19,686.46	\$19,686.46				
LLVIBROCOM	LLANTAS VIBRO CS563	JGO	2.738656				0.743492%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%				
							0.020362	0.152713	0.157804	0.157804	0.152713	0.157804	0.152713	0.157804	0.142532	0.157804	0.157804	0.152713	0.157804	0.152713				
							\$244.34	\$1,832.56	\$1,893.64	\$1,893.64	\$1,832.56	\$1,893.64	\$1,832.56	\$1,893.64	\$1,710.39	\$1,893.64	\$1,832.56	\$1,893.64	\$1,832.56	\$1,832.56				
LUM-FULL-OFF	luminaria full-cut off	PZA	1,447.0000				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%				
							10.758356	80.687730	83.377327	83.377327	80.687730	83.377327	80.687730	83.377327	83.377327	80.687730	83.377327	83.377327	80.687730	83.377327				
							\$244,996.22	\$1,837,472.62	\$1,898,721.84	\$1,898,721.84	\$1,837,472.62	\$1,898,721.84	\$1,837,472.62	\$1,898,721.84	\$1,898,721.84	\$1,714,974.51	\$1,898,721.84	\$1,837,472.62	\$1,898,721.84	\$1,837,472.62				
MA27	POLIDUCTO DE 19 MM	ml	170,087.0400				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%				
							1264.586937	9484.407131	9800.554716	9800.554716	9484.407131	9800.554716	9484.407131	9800.554716	8852.113663	9800.554716	9484.407131	9800.554716	9484.407131	9484.407131				
							\$7,334.60	\$55,009.56	\$56,843.22	\$56,843.22	\$55,009.56	\$56,843.22	\$55,009.56	\$56,843.22	\$51,342.26	\$56,843.22	\$55,009.56	\$56,843.22	\$55,009.56	\$56,843.22				
MAAD0023	CURACONSA ROJO	lts	232,903.542041				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%				
							1731.623861	12987.185944	13420.093073	13420.093073	12987.185944	13420.093073	12987.185944	13420.093073	13420.093073	12121.374013	13420.093073	12987.185944	13420.093073	12987.185944				
							\$30,199.52	\$226,496.52	\$234,046.42	\$234,046.42	\$226,496.52	\$234,046.42	\$226,496.52	\$234,046.42	\$234,046.42	\$211,396.76	\$234,046.42	\$226,496.52	\$234,046.42	\$226,496.52				
MAALAMREC	Alambre Recocido No. 18	kg	24,001.4070				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%				
							178.449021	1338.368377	1382.980752	1382.980752	1338.368377	1382.980752	1338.368377	1382.980752	1249.143867	1382.980752	1338.368377	1382.980752	1338.368377	1382.980752				
							\$3,140.70	\$23,555.28	\$24,340.46	\$24,340.46	\$23,555.28	\$24,340.46	\$23,555.28	\$24,340.46	\$21,984.93	\$24,340.46	\$23,555.28	\$24,340.46	\$23,555.28	\$24,340.46				
							Monto esta hoja:																	
							Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$290,798.01	\$2,180,986.31	\$2,253,686.02	\$2,253,686.02	\$2,180,986.31	\$2,253,686.02	\$2,253,686.02	\$2,035,587.30	\$2,253,686.02	\$2,180,986.31	\$2,253,686.02			
											\$7,671,339.75	\$57,026,135.74	\$97,288,939.41	\$135,542,696.01	\$126,019,357.69	\$124,302,935.95	\$120,623,690.93	\$129,386,993.25	\$177,599,189.56	\$231,140,823.10	\$262,700,138.14	\$261,089,478.48	\$288,623,740.76	\$309,431,350.92
MAARENA	ARENA MEDIDA EN BANCO	m3	35.545419				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%				
							0.264278	1.982087	2.048156	2.048156	1.982087	2.048156	1.982087	2.048156	1.849947	2.048156	1.982087	2.048156	1.982087	1.982087				
							\$43.34	\$325.06	\$335.90	\$335.90	\$325.06	\$335.90	\$325.06	\$335.90	\$335.90	\$335.90	\$335.90	\$335.90	\$335.90	\$335.90				
MABASE-00001	MATERIAL PARA BASE Y SUBBASE	m3	535,778.6060				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%				
							3983.481789	29876.129490	30872.002616	30872.002616	29876.129490	30872.002616	29876.129490	30872.002616	27884.388596	30872.002616	29876.129490	30872.002616	29876.129490	30872.002616				
							\$847,485.75	\$6,356,146.55	\$6,568,018.56	\$6,568,018.56	\$6,356,146.55	\$6,568,018.56	\$6,356,146.55	\$6,568,018.56	\$6,568,018.56	\$5,932,403.67	\$6,568,018.56	\$6,356,146.55	\$6,568,018.56	\$6,356,146.55				
MACIMBR009	Triplay de pino de 16 mm. nacional (1 cara)	m2	20,161.18188				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%				
							149.897178	1124.229437	1161.703832	1161.703832	1124.229437	1161.703832	1124.229437	1161.703832	1049.280848	1161.703832	1124.229437	1161.703832	1124.229437	1124.229437				
							\$21,959.94	\$164,699.61	\$170,189.61	\$170,189.61	\$164,699.61	\$170,189.61	\$164,699.61	\$170,189.61	\$153,719.64	\$170,189.61	\$164,699.61	\$170,189.61	\$164,699.61	\$164,699.61				
MACLAVO	CLAVO DE 2 1/2" A 3 1/2"	kg	34,979.202868				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%				
							260.068275	1950.513109	2015.530352	2015.530352	1950.513109	2015.530352	1950.513109	2015.530352	1820.478971	2015.530352	1950.513109	2015.530352	1950.513109	2015.530352				
							\$3,638.36	\$27,287.68	\$28,197.27	\$28,197.27	\$27,287.68	\$28,197.27	\$27,287.68	\$28,197.27	\$25,468.50	\$28,197.27	\$27,287.68	\$28,197.27	\$27,287.68	\$27,287.68				
MACON150	CONCRETO PREMEZCLADO f'c = 150 kg/cm², RESISTENCIA NORMAL	m3	28,948.1338				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%				
							215.227638	1614.208153	1668.015207	1668.015207	1614.208153	1668.015207	1614.208153	1668.015207	1506.594330	1668.015207	1614.208153	1668.015207	1614.208153	1614.208153				
							\$230,213.94	\$1,726,605.47	\$1,784,159.11	\$1,784,159.11	\$1,726,605.47	\$1,784,159.11	\$1,726,605.47	\$1,784,159.11	\$1,611,498.50	\$1,784,159.11	\$1,726,605.47	\$1,784,159.11	\$1,726,605.47	\$1,726,605.47				
MADERACIMB01	MADERA PARA CIMBRA	PT	182,410.6932				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%				
							1356.212559	10171.599667	10510.653719	10510.653719	10171.599667	10510.653719	10171.599667	10510.653										

México Proyectos y Desarrollos S.A. de C.V., México Compañía Constructora S.A. de C.V., Acciona Infraestructuras México S.A. de C.V. y Acciona Construcción S.A.



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022	
							2.295371	17.215289	17.789133	17.789133	17.215289	17.789133	17.215289	17.789133	17.789133	16.067604	17.789133	17.215289	17.789133	17.215289	
							\$19,152.69	\$143,645.23	\$148,433.42	\$148,433.42	\$143,645.23	\$148,433.42	\$143,645.23	\$148,433.42	\$148,433.42	\$134,068.89	\$143,645.23	\$148,433.42	\$143,645.23	\$148,433.42	
MAEXP004	CORDON DETONANTE	ml	320,920.779134				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%	
							2386.026738	17895.210160	18491.718449	18491.718449	17895.210160	18491.718449	17895.210160	18491.718449	18491.718449	16702.196791	18491.718449	17895.210160	18491.718449	17895.210160	
							\$27,582.47	\$206,868.63	\$213,764.27	\$213,764.27	\$206,868.63	\$213,764.27	\$206,868.63	\$213,764.27	\$213,764.27	\$193,077.40	\$213,764.27	\$206,868.63	\$213,764.27	\$206,868.63	
MAEXP005	CONECTOR MS	PZA	3,130.104541				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%	
							23.272139	174.541140	180.359190	180.359190	174.541140	180.359190	174.541140	180.359190	180.359190	162.905070	174.541140	180.359190	180.359190	174.541140	
							\$4,525.03	\$33,937.78	\$35,069.04	\$35,069.04	\$33,937.78	\$35,069.04	\$33,937.78	\$35,069.04	\$35,069.04	\$31,675.26	\$35,069.04	\$33,937.78	\$35,069.04	\$33,937.78	
MAEXP006	COPEL DE BARRENACION DE 1 1/2"	PZA	77.330595				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%	
							0.574948	4.312115	4.455852	4.455852	4.312115	4.455852	4.312115	4.455852	4.455852	4.024641	4.455852	4.312115	4.455852	4.312115	
							\$1,368.05	\$10,260.38	\$10,602.39	\$10,602.39	\$10,260.38	\$10,602.39	\$10,260.38	\$10,602.39	\$10,602.39	\$9,576.35	\$10,602.39	\$10,260.38	\$10,602.39	\$10,260.38	
MAEXP007	MECHA BLANCA ROLLO DE 50 MTS.	ml	8,235.708357				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%	
							61.231998	459.240228	474.548269	474.548269	459.240228	474.548269	459.240228	474.548269	474.548269	428.624230	474.548269	459.240228	474.548269	459.240228	
							\$525.98	\$3,944.87	\$4,076.37	\$4,076.37	\$3,944.87	\$4,076.37	\$3,944.87	\$4,076.37	\$4,076.37	\$3,681.88	\$4,076.37	\$3,944.87	\$4,076.37	\$3,944.87	
MAEXP008	AGENTE EXPLOSIVO	kg	404,038.676786				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%	
							3004.003320	22530.037018	23281.039868	23281.039868	22530.037018	23281.039868	22530.037018	23281.039868	23281.039868	21028.035358	23281.039868	22530.037018	23281.039868	22530.037018	
							\$104,389.12	\$782,918.79	\$809,016.14	\$809,016.14	\$782,918.79	\$809,016.14	\$782,918.79	\$809,016.14	\$809,016.14	\$730,724.23	\$809,016.14	\$782,918.79	\$809,016.14	\$782,918.79	
MAEXP009	ZANCO DE BARRENACION	PZA	151.092085				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%	
							1.123361	8.425209	8.706050	8.706050	8.425209	8.706050	8.425209	8.706050	8.706050	7.863529	8.706050	8.425209	8.706050	8.425209	
							\$5,893.14	\$44,198.56	\$45,671.85	\$45,671.85	\$44,198.56	\$45,671.85	\$44,198.56	\$45,671.85	\$45,671.85	\$41,251.99	\$45,671.85	\$44,198.56	\$45,671.85	\$44,198.56	
MAGRAVA	Grava 3/4" medido en banco	m3	113,613.507572				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%	
							844.709612	6335.325498	6546.503469	6546.503469	6335.325498	6546.503469	6335.325498	6546.503469	6546.503469	5912.970692	6546.503469	6335.325498	6546.503469	6335.325498	
							\$194,283.21	\$1,457,124.86	\$1,505,695.80	\$1,505,695.80	\$1,457,124.86	\$1,505,695.80	\$1,457,124.86	\$1,505,695.80	\$1,505,695.80	\$1,359,983.26	\$1,505,695.80	\$1,457,124.86	\$1,505,695.80	\$1,457,124.86	
							Monto esta hoja:														
							Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$382,975.97	\$2,872,321.27	\$2,968,065.53	\$2,872,321.27	\$2,968,065.53	\$2,680,833.29	\$2,968,065.53	\$2,872,321.27	\$2,968,065.53	\$2,872,321.27	
								\$9,336,408.68	\$69,514,159.28	\$110,193,231.31	\$148,446,987.91	\$138,507,381.23	\$137,207,227.85	\$133,111,714.47	\$142,291,285.15	\$190,503,481.46	\$242,796,312.17	\$275,604,430.04	\$273,577,502.02	\$301,528,032.66	\$321,919,374.46
MAGRIETA	Sellado de grietas aisladas en carpetas m asfálticas con mortero asfáltico hasta de un (1) centímetro de abertura,		2,802.463566				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%	
	para cualquier profundidad, por unidad de obra						20.836149	156.271198	161.480249	161.480249	156.271198	161.480249	156.271198	161.480249	161.480249	145.853123	161.480249	156.271198	161.480249	156.271198	
							\$2,252.39	\$16,892.92	\$17,456.01	\$17,456.01	\$16,892.92	\$17,456.01	\$16,892.92	\$17,456.01	\$17,456.01	\$15,766.72	\$17,456.01	\$16,892.92	\$17,456.01	\$16,892.92	
MAGRIETA01	Sellado de grietas aisladas en carpetas m asfálticas con cemento asfáltico hasta de un (1) centímetro de abertura,		2,802.463566				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%	
	para cualquier profundidad, por unidad de obra						20.836148	156.271198	161.480249	161.480249	156.271198	161.480249	156.271198	161.480249	161.480249	145.853123	161.480249	156.271198	161.480249	156.271198	
							\$2,031.52	\$15,236.44	\$15,744.32	\$15,744.32	\$15,236.44	\$15,744.32	\$15,236.44	\$15,744.32	\$15,744.32	\$14,220.68	\$15,744.32	\$15,236.44	\$15,744.32	\$15,236.44	
MAGRIETA02	Sellado de grietas aisladas en carpetas m asfálticas con emulsión asfáltica hasta de un (1) centímetro de abertura,		2,802.463566				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%	
	para cualquier profundidad, por unidad de obra						20.836149	156.271198	161.480249	161.480249	156.271198	161.480249	156.271198	161.480249	161.480249	145.853123	161.480249	156.271198	161.480249	156.271198	
							\$2,085.70	\$15,642.75	\$16,164.17	\$16,164.17	\$15,642.75	\$16,164.17	\$15,642.75	\$16,164.17	\$16,164.17	\$14,599.90	\$16,164.17	\$15,642.75	\$16,164.17	\$15,642.75	
MALLAN004	LLANTAS GRUA HIAB	JGO	0.323486				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%	
							0.002405	0.018038	0.018640	0.018640	0.018038	0.018640	0.018038	0.018640	0.018640	0.016836	0.018640	0.018038	0.018640	0.018038	
							\$30.55	\$229.12	\$236.76	\$236.76	\$229.12	\$236.76	\$229.12	\$236.76	\$236.76	\$213.85	\$236.76	\$229.12	\$236.76	\$229.12	
MAPINT001	PINTURA PARA TRAFICO	lts	7,381.971828				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%	
							54.884518	411.634104	425.355270	425.355270	411.634104	425.355270	411.634104	425.355270	425.355270	384.191845	425.355270	411.634104	425.355270	411.634104	
							\$7,431.36	\$55,735.26	\$57,593.10	\$57,593.10	\$55,735.26	\$57,593.10	\$55,735.26	\$57,593.10	\$57,593.10	\$52,019.58	\$57,593.10	\$55,735.26	\$57,593.10	\$55,735.26	
MAREGALAGUA	REGALIA POR EXTRACCION DE AGUA	m3	154,569.742594				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%	
							1149.216762	8619.130352	8906.435315	8906.435315	8619.130352	8906.435315	8619.130352	8906.435315	8906.435315	8044.521971	8906.435315	8619.130352	8906.435315	8619.130352	
							\$22,984.34	\$172,382.61	\$178,128.71	\$178,128.71	\$172,382.61	\$178,128.71	\$172,382.61	\$							



Formato
ECO-11-3
Fecha: 15/01/2021
Duración: 943 días
Inicio obra: 05/02/2021
Fin obra: 05/09/2023

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
17.789133	17.789133	17.215289	17.789133	9.181486											308.727529
\$148,433.42	\$148,433.42	\$143,645.23	\$148,433.42	\$76,610.78											\$2,576,037.94
5.762082%	5.762082%	5.576208%	5.762082%	2.973977%											100.000000%
18491.718449	18491.718449	17895.210160	18491.718449	9544.110160											320920.779134
\$213,764.27	\$213,764.27	\$206,868.63	\$213,764.27	\$110,329.86											\$3,709,844.21
5.762082%	5.762082%	5.576208%	5.762082%	2.973977%											100.000000%
180.359190	180.359190	174.541140	180.359190	93.088589											3130.104541
\$35,069.04	\$35,069.04	\$33,937.78	\$35,069.04	\$18,100.16											\$608,617.53
5.762082%	5.762082%	5.576208%	5.762082%	2.973977%											100.000000%
4.455852	4.455852	4.312115	4.455852	2.299794											77.330595
\$10,602.39	\$10,602.39	\$10,260.38	\$10,602.39	\$5,472.16											\$184,002.74
5.762082%	5.762082%	5.576208%	5.762082%	2.973977%											100.000000%
474.548269	474.548269	459.240228	474.548269	244.928072											8235.708357
\$4,076.37	\$4,076.37	\$3,944.87	\$4,076.37	\$2,103.95											\$70,744.73
5.762082%	5.762082%	5.576208%	5.762082%	2.973977%											100.000000%
23281.039868	23281.039868	22530.037018	23281.039868	12016.017319											404038.676786
\$809,016.14	\$809,016.14	\$782,918.79	\$809,016.14	\$417,556.53											\$14,040,344.02
5.762082%	5.762082%	5.576208%	5.762082%	2.973977%											100.000000%
8.706050	8.706050	8.425209	8.706050	4.493444											151.092085
\$45,671.85	\$45,671.85	\$44,198.56	\$45,671.85	\$23,572.58											\$792,627.57
5.762082%	5.762082%	5.576208%	5.762082%	2.973977%											100.000000%
6546.503469	6546.503469	6335.325498	6546.503469	3378.839584											113613.507572
\$1,505,695.80	\$1,505,695.80	\$1,457,124.86	\$1,505,695.80	\$777,133.11											\$26,131,106.74
\$2,968,065.53	\$2,968,065.53	\$2,872,321.27	\$2,968,065.53	\$1,531,904.24											\$51,510,296.42
\$309,931,393.04	\$422,639,878.92	\$388,055,022.39	\$398,776,753.82	\$326,773,119.20	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$5,603,825,044.22
5.762082%	5.762082%	5.576208%	5.762082%	2.973977%											100.000000%
161.480249	161.480249	156.271198	161.480249	83.344622											2802.463566
\$17,456.01	\$17,456.01	\$16,892.92	\$17,456.01	\$9,009.58											\$302,946.31
5.762082%	5.762082%	5.576208%	5.762082%	2.973977%											100.000000%
161.480249	161.480249	156.271198	161.480249	83.344622											2802.463566
\$15,744.32	\$15,744.32	\$15,236.44	\$15,744.32	\$8,126.16											\$273,240.20
5.762082%	5.762082%	5.576208%	5.762082%	2.973977%											100.000000%
161.480249	161.480249	156.271198	161.480249	83.344622											2802.463566
\$16,164.17	\$16,164.17	\$15,642.75	\$16,164.17	\$8,342.80											\$280,526.60
5.762081%	5.762081%	5.576209%	5.762078%	2.973977%											100.000000%
0.018640	0.018640	0.018038	0.018640	0.009620											0.323486
\$236.76	\$236.76	\$229.12	\$236.76	\$122.20											\$4,108.92
5.762082%	5.762082%	5.576208%	5.762082%	2.973977%											100.000000%
425.355270	425.355270	411.634104	425.355270	219.538144											7381.971828
\$57,593.10	\$57,593.10	\$55,735.26	\$57,593.10	\$29,725.49											\$999,518.99
5.762082%	5.762082%	5.576208%	5.762082%	2.973977%											100.000000%
8906.435315	8906.435315	8619.130352	8906.435315	4596.868594											154569.742594
\$178,128.71	\$178,128.71	\$172,382.61	\$178,128.71	\$91,937.31											\$3,091,394.85
5.762082%	5.762082%	5.576208%	5.762082%	2.973977%											100.000000%
161.480249	161.480249	156.271198	161.480249	83.344622											2802.463566
\$17,267.08	\$17,267.08	\$16,710.08	\$17,267.08	\$8,912.07											\$299,667.43
5.762082%	5.762082%	5.576208%	5.762082%	2.973977%											100.000000%
161.480249	161.480249	156.271198	161.480249	83.344622											2802.463566
\$21,223.35	\$21,223.35	\$20,538.72	\$21,223.35	\$10,953.99											\$368,327.79
5.762082%	5.762082%	5.576208%	5.762082%	2.973977%											100.000000%
161.480249	161.480249	156.271198	161.480249	83.344622											2802.463566
\$21,507.55	\$21,507.55	\$20,813.76	\$21,507.55	\$11,100.71											\$373,260.12
\$345,321.05	\$345,321.05	\$334,181.66	\$345,321.05	\$178,230.31											\$5,992,991.21
\$310,276,714.09	\$422,985,199.97	\$388,389,204.05	\$399,122,074.87	\$326,951,349.51	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$5,609,818,035.43
5.762082%	5.762082%	5.576208%	5.762082%	2.973977%											100.000000%
2623.129105	2623.129105	2538.511861	2623.129105	1353.872719											45523.980832
\$3,672,380.75	\$3,672,380.75	\$3,553,916.61	\$3,672,380.75	\$1,895,421.75											\$63,733,573.16
5.762082%	5.762082%	5.576208%	5.762082%	2.973977%											100.000000%
72.486992	72.486992	70.148697	72.486992	37.412631											1258.000000

México Proyectos y Desarrollos S.A. de C.V., México Compañía Constructora S.A. de C.V., Acciona Infraestructuras México S.A. de C.V. y Acciona Construcción S.A.



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

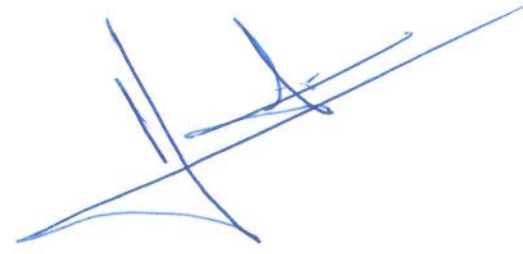
No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022
							\$119,051.35	\$892,885.58	\$922,648.50	\$922,648.50	\$892,885.58	\$922,648.50	\$892,885.58	\$922,648.50	\$922,648.50	\$833,359.91	\$922,648.50	\$892,885.58	\$922,648.50	\$892,885.58
MASUBRAS-001	MATERIAL PARA SUBRASANTE MEDIDO EN m3 BANCO		510,122.3475				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%
							3792.729046	28445.483151	29393.667963	29393.667963	28445.483151	29393.667963	28445.483151	29393.667963	29393.667963	26549.118628	29393.667963	28445.483151	29393.667963	28445.483151
							\$549,945.71	\$4,124,595.06	\$4,262,081.85	\$4,262,081.85	\$4,124,595.06	\$4,262,081.85	\$4,124,595.06	\$4,262,081.85	\$4,262,081.85	\$3,849,622.20	\$4,262,081.85	\$4,124,595.06	\$4,262,081.85	\$4,124,595.06
MATALAMB	Alambre Recocido No. 18	kg	17,604.00864				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%
							130.884748	981.636138	1014.357413	1014.357413	981.636138	1014.357413	981.636138	1014.357413	1014.357413	916.193764	1014.357413	981.636138	1014.357413	981.636138
							\$2,931.82	\$21,988.65	\$22,721.61	\$22,721.61	\$21,988.65	\$22,721.61	\$21,988.65	\$22,721.61	\$22,721.61	\$20,522.74	\$22,721.61	\$21,988.65	\$22,721.61	\$21,988.65
MATERRAP-001	MATERIAL PARA TERRAPLÉN MEDIDO EN m3 BANCO		114,809.2080				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%
							853.599573	6402.000241	6615.400709	6615.400709	6402.000241	6615.400709	6402.000241	6615.400709	6615.400709	5975.200455	6615.400709	6402.000241	6615.400709	6402.000241
							\$72,555.96	\$544,170.02	\$562,309.06	\$562,309.06	\$544,170.02	\$562,309.06	\$544,170.02	\$562,309.06	\$562,309.06	\$507,892.04	\$562,309.06	\$544,170.02	\$562,309.06	\$544,170.02
MATPOSCIR	POSTE METALICO CONICO CIRCULAR DE 10 PZA M DE ALTURA		1,447.0000				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%
							10.758358	80.687730	83.377327	83.377327	80.687730	83.377327	80.687730	83.377327	83.377327	75.308551	83.377327	80.687730	83.377327	80.687730
							\$51,855.29	\$388,914.86	\$401,878.71	\$401,878.71	\$388,914.86	\$401,878.71	\$388,914.86	\$401,878.71	\$401,878.71	\$362,987.21	\$401,878.71	\$388,914.86	\$401,878.71	\$388,914.86
MFLITEMULS	FLETE EMULSION ASFALTICA	lts	3,272,343.276595				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%
							24329.675921	182472.667577	188555.102919	188555.102919	182472.667577	188555.102919	182472.667577	188555.102919	188555.102919	170307.829617	188555.102919	182472.667577	188555.102919	182472.667577
							\$8,515.39	\$63,865.43	\$65,994.29	\$65,994.29	\$63,865.43	\$65,994.29	\$63,865.43	\$65,994.29	\$65,994.29	\$59,607.74	\$65,994.29	\$63,865.43	\$65,994.29	\$63,865.43
MICROESF01	MICROESFERA	kg	3,040.321176				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%
							22.604606	169.534633	175.185799	175.185799	169.534633	175.185799	169.534633	175.185799	175.185799	158.232330	175.185799	169.534633	175.185799	169.534633
							\$791.16	\$5,933.71	\$6,131.50	\$6,131.50	\$5,933.71	\$6,131.50	\$5,933.71	\$6,131.50	\$6,131.50	\$5,538.13	\$6,131.50	\$5,933.71	\$6,131.50	\$5,933.71
QH001	HILO PLÁSTICO	ml	13,210.6800				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%
							98.220613	736.654995	761.210214	761.210214	736.654995	761.210214	736.654995	761.210214	761.210214	687.544688	761.210214	736.654995	761.210214	736.654995
							\$29.47	\$221.00	\$228.36	\$228.36	\$221.00	\$228.36	\$221.00	\$228.36	\$228.36	\$206.26	\$228.36	\$221.00	\$228.36	\$221.00
							Monto esta hoja:													
							Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$10,660,497.66	\$9,596,490.92	\$9,916,374.63	\$9,916,374.63	\$9,596,490.92	\$9,916,374.63	\$8,956,725.19	\$9,916,374.63	\$9,596,490.92	\$9,916,374.63
REGDESP	REGALIA BANCO DE TIRO	m3	411.004176				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%
							3.055791	22.918448	23.682398	23.682398	22.918448	23.682398	22.918448	23.682398	23.682398	21.390552	23.682398	22.918448	23.682398	22.918448
							\$30.56	\$229.18	\$236.82	\$236.82	\$229.18	\$236.82	\$229.18	\$236.82	\$236.82	\$213.91	\$236.82	\$229.18	\$236.82	\$229.18
sell01	Sello Masterfill 400 CT	PZA	3,401.7408				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%
							25.291739	189.688143	196.011094	196.011094	189.688143	196.011094	189.688143	196.011094	196.011094	177.042273	196.011094	189.688143	196.011094	189.688143
							\$6,322.93	\$47,422.04	\$49,002.77	\$49,002.77	\$47,422.04	\$49,002.77	\$47,422.04	\$49,002.77	\$49,002.77	\$44,260.57	\$49,002.77	\$47,422.04	\$49,002.77	\$47,422.04
TRAFIT-01	Trafitambo importado DOT color naranja con PZA 4reflejantes de 10cm sin base 45cm de diámetro x 1.20 m de altura		2,802.463566				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%
							20.836149	156.271198	161.480249	161.480249	156.271198	161.480249	156.271198	161.480249	161.480249	145.853123	161.480249	156.271198	161.480249	156.271198
							\$23,008.11	\$172,560.91	\$178,312.95	\$178,312.95	\$172,560.91	\$178,312.95	\$172,560.91	\$178,312.95	\$178,312.95	\$161,056.85	\$178,312.95	\$172,560.91	\$178,312.95	\$172,560.91
TRAFIT-02	LAMPARA DE DESTELLO CON BATERIA PZA RECARGABLE		2,802.463566				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%
							20.836148	156.271198	161.480249	161.480249	156.271198	161.480249	156.271198	161.480249	161.480249	145.853123	161.480249	156.271198	161.480249	156.271198
							\$20,836.15	\$156,271.20	\$161,480.25	\$161,480.25	\$156,271.20	\$161,480.25	\$156,271.20	\$161,480.25	\$161,480.25	\$145,853.12	\$161,480.25	\$156,271.20	\$161,480.25	\$156,271.20
VLLTAPINTAR	LLANTAS PARA PINTARAYAS	JGO	0.93305				0.743494%	5.576208%	5.762082%	5.762082%	5.576208%	5.762082%	5.576208%	5.762082%	5.762082%	5.204461%	5.762082%	5.576208%	5.762082%	5.576208%
							0.006937	0.052029	0.053763	0.053763	0.052029	0.053763	0.052029	0.053763	0.053763	0.048560	0.053763	0.052029	0.053763	0.052029
							\$72.84	\$546.30	\$564.51	\$564.51	\$546.30	\$564.51	\$546.30	\$564.51	\$564.51	\$509.88	\$564.51	\$546.30	\$564.51	\$546.30
							TOTAL AMPLIACIÓN A CUATRO CARRILES PARALELOS A LA VÍA													
							ACUMULADO AMPLIACIÓN A CUATRO CARRILES PARALELOS A LA VÍA													
							PORCENTAJE PERIODO AMPLIACIÓN A CUATRO CARRILES PARALELOS A LA VÍA	0.74%	5.58%	5.76%	5.76%	5.58%	5.76%	5.58%	5.76%	5.20%	5.76%	5.58%	5.76%	5.58%
							PORCENTAJE ACUMULADO AMPLIACIÓN A CUATRO CARRILES PARALELOS A LA VÍA	0.74%	6.32%	12.08%	17.84%	23.42%	29.18%	34.76%	40.52%	46.28%	51.49%	57.25%	62.83%	68.59%
							TOTAL VIALIDADES Y CAMINOS													
							ACUMULADO VIALIDADES Y CAMINOS													
							PORCENTAJE PERIODO VIALIDADES Y CAMINOS	0.52%	3.91%	5.09%	5.66%	5.66%	6.48%	6.29%	6.73%	7.04%	6.94%	7.49%	7.43%	5.58%
							PORCENTAJE ACUMULADO VIALIDADES Y CAMINOS	0.52%	4.43%	9.51%	15.18%	20.74%								



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
 Fin obra: 05/09/2023

Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
\$922,648.50	\$922,648.50	\$892,885.58	\$922,648.50	\$476,205.52											\$16,012,415.26
5.762082%	5.762082%	5.576208%	5.762082%	2.973977%											100.000000%
29393.667963	29393.667963	28445.483151	29393.667963	15170.921287											510122.347500
\$4,262,081.85	\$4,262,081.85	\$4,124,595.06	\$4,262,081.85	\$2,199,783.62											\$73,967,740.39
5.762082%	5.762082%	5.576208%	5.762082%	2.973977%											100.000000%
1014.357413	1014.357413	981.636138	1014.357413	523.539168											17604.008640
\$22,721.61	\$22,721.61	\$21,988.65	\$22,721.61	\$11,727.23											\$394,329.79
5.762082%	5.762082%	5.576208%	5.762082%	2.973977%											100.000000%
6615.400709	6615.400709	6402.000241	6615.400709	3414.399440											114809.208000
\$562,309.06	\$562,309.06	\$544,170.02	\$562,309.06	\$290,223.96											\$9,758,782.68
5.762082%	5.762082%	5.576208%	5.762082%	2.973977%											100.000000%
83.377327	83.377327	80.687730	83.377327	43.033447											1447.000000
\$401,878.71	\$401,878.71	\$388,914.86	\$401,878.71	\$207,421.24											\$6,974,540.00
5.762082%	5.762082%	5.576208%	5.762082%	2.973977%											100.000000%
188555.102919	188555.102919	182472.667577	188555.102919	97318.736407											3272343.276595
\$65,994.29	\$65,994.29	\$63,865.43	\$65,994.29	\$34,061.54											\$1,145,320.15
5.762082%	5.762082%	5.576208%	5.762082%	2.973977%											100.000000%
175.185799	175.185799	169.534633	175.185799	90.418453											3040.321176
\$6,131.50	\$6,131.50	\$5,933.71	\$6,131.50	\$3,164.69											\$106,411.24
5.762082%	5.762082%	5.576208%	5.762082%	2.973977%											100.000000%
761.210214	761.210214	736.654995	761.210214	392.882585											13210.680000
\$228.36	\$228.36	\$221.00	\$228.36	\$117.87											\$3,963.20
\$9,916,374.63	\$9,916,374.63	\$9,596,490.92	\$9,916,374.63	\$5,118,127.42											\$172,097,075.87
\$320,193,088.72	\$432,901,574.60	\$397,985,694.97	\$409,038,449.50	\$332,069,476.93	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$5,781,915,111.30
5.762082%	5.762082%	5.576208%	5.762082%	2.973977%											100.000000%
23.682398	23.682398	22.918448	23.682398	12.223170											411.004176
\$236.82	\$236.82	\$229.18	\$236.82	\$122.29											\$4,110.04
5.762082%	5.762082%	5.576208%	5.762082%	2.973977%											100.000000%
196.011094	196.011094	189.688143	196.011094	101.166989											3401.740800
\$49,002.77	\$49,002.77	\$47,422.04	\$49,002.77	\$25,291.76											\$850,435.20
5.762082%	5.762082%	5.576208%	5.762082%	2.973977%											100.000000%
161.480249	161.480249	156.271198	161.480249	83.344622											2802.463566
\$178,312.95	\$178,312.95	\$172,560.91	\$178,312.95	\$92,032.45											\$3,094,592.37
5.762082%	5.762082%	5.576208%	5.762082%	2.973977%											100.000000%
161.480249	161.480249	156.271198	161.480249	83.344622											2802.463566
\$161,480.25	\$161,480.25	\$156,271.20	\$161,480.25	\$83,344.60											\$2,802,463.57
5.762082%	5.762082%	5.576208%	5.762084%	2.973977%											100.000000%
0.053763	0.053763	0.052029	0.053763	0.027749											0.933050
\$564.51	\$564.51	\$546.30	\$564.51	\$291.40											\$9,797.02
\$82,401,687.01	\$82,401,687.05	\$79,743,562.59	\$82,401,687.00	\$42,529,891.23											
\$1,142,991,106.30	\$1,225,392,793.35	\$1,305,136,355.94	\$1,387,538,042.94	\$1,430,067,934.17	\$1,430,067,934.17	\$1,430,067,934.17	\$1,430,067,934.17	\$1,430,067,934.17	\$1,430,067,934.17	\$1,430,067,934.17	\$1,430,067,934.17	\$1,430,067,934.17	\$1,430,067,934.17	\$1,430,067,934.17	\$1,430,067,934.17
5.76%	5.76%	5.58%	5.76%	2.97%											
79.93%	85.69%	91.26%	97.03%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
\$82,401,687.01	\$82,401,687.05	\$79,743,562.59	\$82,401,687.00	\$42,529,891.23											
\$1,754,409,670.31	\$1,836,811,357.36	\$1,916,554,919.95	\$1,998,956,606.95	\$2,041,486,498.18	\$2,041,486,498.18	\$2,041,486,498.18	\$2,041,486,498.18	\$2,041,486,498.18	\$2,041,486,498.18	\$2,041,486,498.18	\$2,041,486,498.18	\$2,041,486,498.18	\$2,041,486,498.18	\$2,041,486,498.18	\$2,041,486,498.18
4.04%	4.04%	3.91%	4.04%	2.08%											
85.94%	89.97%	93.88%	97.92%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
\$389,597.30	\$389,597.30	\$377,029.63	\$389,597.30	\$201,082.50											\$6,761,398.20
\$320,582,686.02	\$433,291,171.90	\$398,362,724.60	\$409,428,046.80	\$332,270,559.43	\$280,203,794.92	\$212,950,129.58	\$118,586,135.69	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$5,788,676,509.50
\$82,401,687.01	\$82,401,687.05	\$79,743,562.59	\$82,401,687.00	\$42,529,891.23											
\$1,754,409,670.31	\$1,836,811,357.36	\$1,916,554,919.95	\$1,998,956,606.95	\$2,041,486,498.18	\$2,041,486,498.18	\$2,041,486,498.18	\$2,041,486,498.18	\$2,041,486,498.18	\$2,041,486,498.18	\$2,041,486,498.18	\$2,041,486,498.18	\$2,041,486,498.18	\$2,041,486,498.18	\$2,041,486,498.18	\$2,041,486,498.18
4.04%	4.04%	3.91%	4.04%	2.08%											
85.94%	89.97%	93.88%	97.92%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%



México Proyectos y Desarrollos S.A. de C.V., México Compañía Constructora S.A. de C.V., Acciona Infraestructuras México S.A. de C.V. y Acciona Construcción S.A.



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022
2	POSTES Y PÓRTICOS																			
103247-1130	Gasolina Magna	lts	1,680.44483																	
103247-1145	Aceite para motor a gasolina	lts	108.048533																	
LLBIMODAL	LLANTAS PARA BIMODAL 02	JGO	0.020703																	
LLCASTILLE	LLANTAS CASTILLE AUTO	JGO	0.0167																	
MAPOR1245	altura Suministro de portico de acero PZA galvanizado de 9 m de luz y 12.45 metros de altura, para alimentacion eléctrica y puesta en paralelo en zonas neutras y subestaciones. Con o sin dintel de accionadores. Con base en los planos de catenaria, incluido parte proporcional de conjuntos de soporte del pórtico, a base de tirantes de anclaje de poste a pórtico, de acero de 72 mm2 como minimo, totalmente montado e instalado.		1.0000																	
	Monto esta hoja:																			
	Acumulado:			\$39,149.45	\$52,199.27	\$52,199.27	\$10,710,768.25	\$79,821,861.49	\$120,844,524.29	\$159,098,280.89	\$148,815,083.44	\$147,858,520.83	\$143,419,416.68	\$152,942,578.13	\$201,154,774.44	\$252,416,834.59	\$286,255,723.02	\$283,885,204.23	\$312,179,325.64	\$332,227,076.67
MAPOR34	Suministro, traslado del material de los pórticos, PZA y colocación de todos los elementos que constituyen el pórtico rígido de acero S275JR galvanizado en caliente, con una luz de 34 hasta 42m, en base a los planos de catenaria, incluido parte proporcional de conjuntos de soporte del pórtico, a base de tirantes de anclaje de poste a pórtico, de acero de 72 mm2 como minimo, totalmente montado e instalado.		20.0000																	
MAPORSELEC	Suministro de portico de acero galvanizado de 5 PZA m de luz y 12.45 metros de altura, para alimentacion eléctrica, para cruce de cable aéreo y puesta en paralelo en los ATI.		4.0000																	
MAPORTICO23	Suministro de pórtico funicular de 18 a 23 m de PZA luz y 9 metros de altura. Incluye transversal, brazos de atrantado, aisladores, tensores y todo el material necesario para la regulación del pórtico funicular."		1.0000																	
MAPOSELC	Suministro, traslado, y colocación de poste, de PZA acero S275JR galvanizado en caliente, del tipo HEB-XXX, en base a los planos de catenaria, con placa de anclaje en la base soldada.		2,491.82748																	
MASEMIPOR	Suministro de semi-portico de acero galvanizado PZA de 6 a 9 m de luz y 12.45 metros de altura, para el atrantado de 2 a 4 vias. Incluye poste, semi-pórtico así como sus tirantes y elementos de fijación de la propia estructura."		1.0000																	
	TOTAL POSTES Y PÓRTICOS																			
	ACUMULADO POSTES Y PÓRTICOS																			
	PORCENTAJE PERIODO POSTES Y PÓRTICOS																			
	PORCENTAJE ACUMULADO POSTES Y PÓRTICOS																			
3	EQUIPOS DE CATENARIA																			
	Monto esta hoja:																			
	Acumulado:			\$39,149.45	\$52,199.27	\$52,199.27	\$10,710,768.25	\$79,821,861.49	\$120,844,524.29	\$159,098,280.89	\$148,815,083.44	\$147,858,520.83	\$143,419,416.68	\$152,942,578.13	\$201,154,774.44	\$252,416,834.59	\$286,255,723.02	\$283,885,204.23	\$312,179,325.64	\$332,227,076.67
103247-1130	Gasolina Magna	lts	2,051.370804																	
103247-1145	Aceite para motor a gasolina	lts	160.958724																	
103247-1150	Aceite para motor a diesel	lts	65.397871																	

REPRESENTANTE COMÚN: ING. HECTOR RAÚL HUERTA AVENDAÑO

000565



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
 Fin obra: 05/09/2023
 Formato ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
8.284024%	17.751479%	18.343195%	17.751479%	18.343195%	17.751479%	18.343195%	18.343195%	1.183433%							100.000000%
139.208453	296.303811	308.247272	298.303811	308.247272	298.303811	308.247272	308.247272	19.886939							1680.444830
\$2.614.33	\$5.602.14	\$5.788.88	\$5.788.88	\$5.602.14	\$5.788.88	\$5.788.88	\$5.788.88	\$373.50							\$31.558.75
8.284024%	17.751479%	18.343195%	17.751479%	18.343195%	17.751479%	18.343195%	18.343195%	1.183433%							100.000000%
8.950766	19.180213	19.819553	19.180213	19.819553	19.180213	19.819553	19.819553	1.278682							108.048533
\$614.20	\$1.316.15	\$1.360.02	\$1.316.15	\$1.360.02	\$1.316.15	\$1.360.02	\$1.360.02	\$87.73							\$7.414.29
8.284121%	17.751467%	18.343176%	17.751467%	18.343176%	17.751467%	18.343176%	18.343176%	1.183418%							100.000000%
0.001715	0.003675	0.003798	0.003675	0.003798	0.003675	0.003798	0.003798	0.000245							0.020703
\$20.518.74	\$43.968.18	\$45.433.77	\$43.968.18	\$45.433.77	\$43.968.18	\$45.433.77	\$45.433.77	\$2,931.17							\$247,687.58
8.284022%	17.751466%	18.343208%	17.751466%	18.343208%	17.751466%	18.343208%	18.343208%	1.183423%							100.000000%
0.001383	0.002964	0.003063	0.002964	0.003063	0.002964	0.003063	0.003063	0.000198							0.016700
\$13.240.99	\$28.373.54	\$29.319.36	\$28.373.54	\$29.319.36	\$28.373.54	\$29.319.36	\$29.319.36	\$1,891.55							\$159,837.70
8.284024%	17.751479%	18.343195%	17.751479%	18.343195%	17.751479%	18.343195%	18.343195%	1.183433%							100.000000%
0.082840	0.177515	0.183432	0.177515	0.183432	0.177515	0.183432	0.183432	0.011834							1.000000
\$57.097.70	\$122.352.21	\$126.430.62	\$122.352.21	\$126.430.62	\$122.352.21	\$126.430.62	\$126.430.62	\$8,156.81							\$689,250.79
\$320,582,686.02	\$6,264,849.62	\$7,058,016.01	\$7,293,283.42	\$7,058,016.01	\$7,293,283.42	\$7,293,283.42	\$470,534.73	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$42,731,266.63
	\$449,135,644.90	\$416,064,766.18	\$427,720,156.94	\$349,972,601.01	\$298,495,905.06	\$231,242,239.72	\$119,766,272.70								\$5,895,981,533.09
8.284024%	17.751479%	18.343195%	17.751479%	18.343195%	17.751479%	18.343195%	18.343195%	1.183433%							100.000000%
1.656805	3.550296	3.668639	3.550296	3.668639	3.550296	3.668639	3.668639	0.236687							20.000000
\$1,220,371.23	\$2,615,081.07	\$2,702,250.44	\$2,615,081.07	\$2,702,250.44	\$2,615,081.07	\$2,702,250.44	\$2,702,250.44	\$174,338.91							\$14,731,623.60
8.284024%	17.751479%	18.343195%	17.751479%	18.343195%	17.751479%	18.343195%	18.343195%	1.183433%							100.000000%
0.331361	0.710059	0.733728	0.710059	0.733728	0.710059	0.733728	0.733728	0.047337							4.000000
\$204,360.38	\$437,915.08	\$452,512.25	\$437,915.08	\$452,512.25	\$437,915.08	\$452,512.25	\$452,512.25	\$29,194.39							\$2,466,921.68
8.284024%	17.751479%	18.343195%	17.751479%	18.343195%	17.751479%	18.343195%	18.343195%	1.183433%							100.000000%
0.082840	0.177515	0.183432	0.177515	0.183432	0.177515	0.183432	0.183432	0.011834							1.000000
\$32.355.31	\$69.332.79	\$71.643.89	\$69.332.79	\$71.643.89	\$69.332.79	\$71.643.89	\$71.643.89	\$4,622.19							\$390,574.75
8.284024%	17.751479%	18.343195%	17.751479%	18.343195%	17.751479%	18.343195%	18.343195%	1.183433%							100.000000%
206.423586	442.336232	457.080774	442.336232	457.080774	442.336232	457.080774	457.080774	29.489109							2491.827480
\$7,830,047.10	\$16,778,671.41	\$17,337,960.48	\$16,778,671.41	\$17,337,960.48	\$16,778,671.41	\$17,337,960.48	\$17,337,960.48	\$1,118,579.10							\$94,519,850.46
8.284024%	17.751479%	18.343195%	17.751479%	18.343195%	17.751479%	18.343195%	18.343195%	1.183433%							100.000000%
0.082840	0.177515	0.183432	0.177515	0.183432	0.177515	0.183432	0.183432	0.011834							1.000000
\$15,604.08	\$33,437.31	\$34,551.89	\$33,437.31	\$34,551.89	\$33,437.31	\$34,551.89	\$34,551.89	\$2,229.14							\$188,363.51
\$9,396,824.06	\$20,136,049.88	\$20,807,251.60	\$20,136,049.88	\$20,807,251.60	\$20,136,049.88	\$20,807,251.60	\$1,342,404.49	\$113,433,083.11	\$113,433,083.11	\$113,433,083.11	\$113,433,083.11	\$113,433,083.11	\$113,433,083.11	\$113,433,083.11	\$113,433,083.11
\$9,396,824.06	\$29,532,873.94	\$50,340,125.54	\$70,476,175.42	\$91,283,427.02	\$112,090,678.62	\$113,433,083.11	\$113,433,083.11								
8.28%	17.75%	18.34%	17.75%	18.34%	17.75%	18.34%	1.18%								
8.28%	26.04%	44.38%	62.13%	80.47%	98.82%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
\$320,582,686.02	\$9,302,738.10	\$19,934,437.66	\$20,598,918.95	\$19,934,437.66	\$20,598,918.95	\$20,598,918.95	\$1,328,963.73	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$112,297,334.00
	\$458,438,383.00	\$435,999,203.84	\$448,319,075.89	\$369,907,038.67	\$319,094,824.01	\$251,841,158.67	\$121,095,236.43								\$6,008,278,867.09
19.791667%	32.291667%	32.291667%	15.624999%	100.000000%	205.370804	\$38,524.74									
406.000478	662.421829	662.421829	320.526668												
\$7,624.69	\$12,440.28	\$12,440.28	\$6,019.49												
19.791667%	32.291667%	32.291667%	15.624999%	100.000000%	160.958724	\$11,044.99									
31.856415	51.976255	51.976255	25.149799												
\$2,185.99	\$3,566.61	\$3,566.61	\$1,725.78												
19.791667%	32.291667%	32.291667%	15.624999%	100.000000%											

REPRESENTANTE COMUN. ING. HÉCTOR RAÚL HUERTA AVENDAÑO



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022
DIESEL	DIESEL	lts	1,132.894521																	
LLBIMODAL	LLANTAS PARA BIMODAL 02	JGO	0.020673																	
LLCASTILLE	LLANTAS CASTILLE AUTO	JGO	0.0338																	
LLDRESINA 01	LLANTAS DE DRESINA APV 600	JGO	0.003779																	
LLVAGON25	LLANTAS DE VAGON CP 25	JGO	0.056244																	
MAAJUSTE	Suministro, instalación y ajuste de conjunto de PZA punto fijo de catenaria, incluyendo grifas de conexión con cable portador, cable de bronce de 70 mm2, aisladores de 25 kV, y pequeño		100.0000																	
			Monto esta hoja:																	
			Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$10,710,768.25	\$79,821,861.49	\$120,844,524.29	\$159,098,280.89	\$148,815,083.44	\$147,858,520.83	\$143,419,416.68	\$152,942,578.13	\$201,154,774.44	\$252,416,834.59	\$286,255,723.02	\$283,885,204.23	\$312,179,325.64	\$332,227,076.67
MAANC09	material de tornillería de acero inoxidable y angulares de arriando de 6x6x60 mm de acero galvanizado en caliente Suministro e instalación del conjunto completo m de riendas y anclajes del cable de retorno, incluyendo todo el material necesario para su anclaje mediante balancín de conexión para anclaje del cable de retorno, aislador de 25 kV, y resto de material necesario (ejes roscados, tuercas, contratuercas, arandelas y perfiles de 60x6x6 mm)		70.0000																	
MAANCLAJ04	Suministro e instalación y ajuste de los anclajes PZA sin regulación de acuerdo al proyecto de catenaria, incluido parte proporcional de material de anclaje (pequeña tornillería y angulares de anclaje de 6x6x60 mm de acero S275JR galvanizado en caliente"		20.0000																	
MAAPREG	Suministro e instalación y ajuste de los aparatos lote de regulación de la tensión para hilo de contacto y portador, con relación de transformación 1/5, mediante conjuntos formados por 5 poleas de transformación, con sus ejes alineados en la misma horizontal, y pieza de anclaje pivotable, incluido parte proporcional de material de anclaje (pequeña tornillería y angulares de anclaje de 6x6x60 mm de acero S275JR galvanizado en caliente"		200.0000																	
MAMENSULA	Suministro y colocación de ménsula de acero, PZA soportada en poste o suspensión de pórtico, conforme al proyecto de detalle de catenaria, incluido parte proporcional de soporte, y aisladores de 25 kV cerámicos, con parte proporcional de pequeño material para su acabado, así como medidas de su geometría final dentro de los parámetros de tolerancia		2,632.1610																	
			Monto esta hoja:																	
			Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$10,710,768.25	\$79,821,861.49	\$120,844,524.29	\$159,098,280.89	\$148,815,083.44	\$147,858,520.83	\$143,419,416.68	\$152,942,578.13	\$201,154,774.44	\$252,416,834.59	\$286,255,723.02	\$283,885,204.23	\$312,179,325.64	\$332,227,076.67
MATENSOR	de construcción. Asimismo la partida incluye el coste de premontaje en taller, para asegurar el correcto dimensionado de cada conjunto. El tubo superior tendrá un diámetro de 28 mm, el tubo estabilizador de atrirantado tendrá un diámetro de 38 mm, y el tubo puntal-soporte un diámetro de 49 mm, con espesores entre 2,6 y 4 mm, según las longitudes de la ménsula." Suministro y montaje de equipo de anclaje de PZA		20.0000																	


 REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
 Fin obra: 05/09/2023

Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
				12.943329	21.118063	21.118063	10.218417								65.397871
				\$352.71	\$575.47	\$575.47	\$278.44								\$1,782.09
				19.791667%	32.291667%	32.291667%	15.624999%								100.000000%
				224.218711	365.830526	365.830526	177.014758								1132.894521
				\$4.327.42	\$7.060.53	\$7.060.53	\$3.416.38								\$21,864.86
				19.791651%	32.291651%	32.291651%	15.625048%								100.000000%
				0.004092	0.006676	0.006676	0.003230								0.020673
				\$48,950.94	\$79,867.36	\$79,867.36	\$38,645.63								\$247,331.29
				19.791659%	32.291659%	32.291659%	15.624993%								100.000000%
				0.006690	0.010915	0.010915	0.005281								0.033800
				\$64,028.07	\$104,466.97	\$104,466.87	\$50,548.48								\$323,510.39
				19.791543%	32.291576%	32.291576%	15.625306%								100.000000%
				0.000748	0.001220	0.001220	0.000591								0.003779
				\$21,476.62	\$35,040.93	\$35,040.93	\$16,955.67								\$108,514.15
				19.791671%	32.291675%	32.291657%	15.624997%								100.000000%
				0.011132	0.018162	0.018162	0.008788								0.056244
				\$106,542.39	\$173,832.33	\$173,832.23	\$84,112.37								\$538,319.32
				19.791667%	32.291667%	32.291667%	15.624999%								100.000000%
				19.791667	32.291667	32.291667	15.624999								100.000000
				\$1,273,738.25	\$2,078,204.50	\$2,078,204.50	\$1,005,582.75								\$6,435,730.00
\$320,582,686.02	\$458,438,383.00	\$435,999,203.84	\$448,319,075.89	\$1,529,227.08	\$2,495,054.98	\$2,495,054.78	\$1,207,284.99	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$7,726,621.83
				\$371,436,265.75	\$321,589,878.99	\$254,336,213.45	\$122,302,521.42								\$6,016,005,488.92
				19.791667%	32.291667%	32.291667%	15.624999%								100.000000%
				13.854167	22.604167	22.604167	10.937499								70.000000
				\$265,861.88	\$433,774.64	\$433,774.64	\$209,890.94								\$1,343,302.10
				19.791667%	32.291667%	32.291667%	15.624999%								100.000000%
				3.958333	6.458333	6.458333	3.125000								20.000000
				\$98,537.96	\$160,772.46	\$160,772.46	\$77,793.12								\$497,876.00
				19.791667%	32.291667%	32.291667%	15.624999%								100.000000%
				39.583334	64.583334	64.583334	31.249998								200.000000
				\$5,102,910.44	\$8,325,801.19	\$8,325,801.19	\$4,028,613.18								\$25,783,126.00
				19.791667%	32.291667%	32.291667%	15.624999%								100.000000%
				520.948540	849.968665	849.968665	411.275130								2632.161000
				\$9,702,895.78	\$15,831,040.37	\$15,831,040.37	\$7,660,180.26								\$49,025,156.78
\$320,582,686.02	\$458,438,383.00	\$435,999,203.84	\$448,319,075.89	\$15,170,206.06	\$24,751,388.66	\$24,751,388.66	\$11,976,477.50	\$268,132,229.80	\$288,273,700.25	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$76,649,460.88
				\$386,606,471.81	\$346,341,267.65	\$279,087,602.11	\$134,278,998.92								\$6,092,654,949.80
				19.791667%	32.291667%	32.291667%	15.624999%								100.000000%


 REPRESENTANTE COMUNITARIO: HÉCTOR RAÚL HUERTA AVENDAÑO



Formato
ECO-11-3
Fecha: 15/01/2021
Duración: 943 días
Inicio obra: 05/02/2021
Fin obra: 05/09/2023

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
				3.958333	6.458333	6.458333	3.125000								20.000000
				\$1,176,269.67	\$1,919,176.82	\$1,919,176.82	\$928,633.89								\$5,943,257.20
				\$17,875,702.81	\$29,165,620.46	\$29,165,620.26	\$14,112,396.38								
				\$17,875,702.81	\$47,041,323.27	\$76,206,943.53	\$90,319,339.91	\$90,319,339.91	\$90,319,339.91	\$90,319,339.91	\$90,319,339.91	\$90,319,339.91	\$90,319,339.91	\$90,319,339.91	\$90,319,339.91
				19.79%	32.29%	32.29%	15.63%								
				19.79%	52.08%	84.38%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
				4.66667%	20.66667%	20.66667%	18.66667%	20.66667%	14.66667%						100.000000%
				63.592267	281.622882	281.622882	254.369055	281.622882	199.861374						1362.691342
				\$1,194.26	\$5,288.88	\$5,288.88	\$4,777.05	\$5,288.88	\$3,753.39						\$25,591.34
				4.66667%	20.66667%	20.66667%	18.66667%	20.66667%	14.66667%						100.000000%
				3.722087	16.483526	16.483526	14.888346	16.483526	11.697984						79.758994
				\$255.41	\$1,131.10	\$1,131.10	\$1,021.64	\$1,131.10	\$802.71						\$5,473.06
				4.66667%	20.66667%	20.66667%	18.66667%	20.66667%	14.66667%						100.000000%
				0.993227	4.398576	4.398576	3.972907	4.398576	3.121569						21.283431
				\$27.07	\$119.86	\$119.86	\$108.26	\$119.86	\$85.06						\$579.97
				4.66667%	20.66667%	20.66667%	18.66667%	20.66667%	14.66667%						100.000000%
				14.365127	63.616987	63.616987	57.460505	63.616987	45.147534						307.824127
				\$277.25	\$1,227.81	\$1,227.81	\$1,108.99	\$1,227.81	\$871.34						\$5,941.01
				\$1,178,023.66	\$1,926,944.47	\$1,926,944.47	\$935,649.83	\$7,767.65	\$5,512.50						\$5,980,842.58
\$320,582,686.02	\$458,438,383.00	\$435,999,203.84	\$448,319,075.89	\$387,784,495.47	\$348,268,212.12	\$281,014,546.58	\$135,214,648.75	\$268,139,997.45	\$288,279,212.75	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$6,098,635,792.38
				4.66679%	20.66675%	20.66675%	18.66661%	20.66619%	14.66690%						100.000000%
				0.000841	0.003727	0.003727	0.003366	0.003727	0.002645						0.018032
				\$10,067.59	\$44,584.92	\$44,584.92	\$40,270.23	\$44,584.80	\$31,640.95						\$215,733.41
				4.66691%	20.66659%	20.66659%	18.66663%	20.66659%	14.66671%						100.000000%
				0.000463	0.002049	0.002049	0.001851	0.002049	0.001454						0.009915
				\$4,428.40	\$19,611.39	\$19,611.39	\$17,713.51	\$19,611.39	\$13,917.77						\$94,893.85
				4.66675%	20.66700%	20.66633%	18.66639%	20.66700%	14.66649%						100.000000%
				0.000070	0.000310	0.000310	0.000280	0.000310	0.000220						0.001498
				\$1,338.25	\$5,926.49	\$5,926.30	\$5,352.79	\$5,926.49	\$4,205.76						\$28,676.08
				4.66690%	20.66619%	20.66619%	18.66672%	20.66619%	14.66690%						100.000000%
				0.000131	0.000580	0.000580	0.000524	0.000580	0.000412						0.002807
				\$1,775.98	\$7,865.01	\$7,865.01	\$7,103.94	\$7,865.01	\$5,581.66						\$38,056.61
				4.66654%	20.66645%	20.66645%	18.66675%	20.66702%	14.66677%						100.000000%
				0.000082	0.000364	0.000364	0.000328	0.000364	0.000258						0.001760
				\$785.99	\$3,480.85	\$3,480.85	\$3,144.04	\$3,480.95	\$2,470.33						\$16,843.01
				4.66667%	20.66667%	20.66667%	18.66667%	20.66667%	14.66665%						100.000000%
				0.046667	0.206667	0.206667	0.186667	0.206667	0.146667						1.000000
				\$104.58	\$463.14	\$463.14	\$418.32	\$463.14	\$328.70						\$2,241.02
				4.66667%	20.66667%	20.66667%	18.66667%	20.66667%	14.66665%						100.000000%
				0.046667	0.206667	0.206667	0.186667	0.206667	0.146667						1.000000
				\$12.13	\$53.73	\$53.73	\$48.53	\$53.73	\$38.12						\$259.97
				\$18,512.92	\$81,985.53	\$81,985.34	\$74,051.36	\$81,985.51	\$58,183.29						\$396,703.95
\$320,582,686.02	\$458,438,383.00	\$435,999,203.84	\$448,319,075.89	\$387,803,008.39	\$348,350,197.65	\$281,096,531.92	\$135,288,700.11	\$268,221,982.96	\$288,337,396.04	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$6,099,032,496.33
				4.66667%	20.66667%	20.66667%	18.66667%	20.66667%	14.66665%						100.000000%
				4501.651322	19935.883322	19935.883322	18006.604322	19935.883322	14148.044392						96463.950000
				\$900,105.18	\$3,986,179.87	\$3,986,179.87	\$3,600,420.53	\$3,986,179.87	\$2,828,901.48						\$19,287,966.80
				4.66667%	20.66667%	20.66667%	18.66667%	20.66667%	14.66665%						100.000000%

REPRESENTANTE COMÚN ING. FLECTOR RAÚL HUERTA AVENDAÑO



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022
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Suministro de materiales y montaje de catenaria de vía general dotada de cable portador de Bzll 70 (composición 37 hilos de 1,5 mm2, sección kg/m, diámetro 10,5 mm, carga de rotura 3.864 kg, tensión mecánica 1.200 kg, resistividad 3,0205 ?10-6/cm), hilo de contacto de cobre duro de 107 mm2 (sección 107 mm², diámetro 12,24 mm, peso 0,95 kg/m, carga de rotura 3.830 kg, coeficiente de dilatación 17 x 10-6, tensión mecánica 1.200 kg, resistividad 1,7593 ?10-6/cm, y conjunto de distanciadores de 12 mm2 de bronce, con sus correspondientes grifas de conexión. Incluye el suministro de todos los materiales, así como su transporte a pie de obra.
Totalmente montado y terminado"
TOTAL CONDUCTORES DE CATENARIA
ACUMULADO CONDUCTORES DE CATENARIA
PORCENTAJE PERIODO CONDUCTORES DE CATENARIA
PORCENTAJE ACUMULADO CONDUCTORES DE CATENARIA
SISTEMA DE PUESTA A TIERRA

5

				Monto esta hoja:																	
				Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$10,710,768.25	\$79,821,861.49	\$120,844,524.29	\$159,098,280.89	\$148,815,083.44	\$147,858,520.83	\$143,419,416.68	\$152,942,578.13	\$201,154,774.44	\$252,416,834.59	\$286,255,723.02	\$283,885,204.23	\$312,179,325.64	\$332,227,076.67
103247-1130	Gasolina Magna	lts	1,294.957628																		
103247-1145	Aceite para motor a gasolina	lts	74.156342																		
103247-1150	Aceite para motor a diesel	lts	34.862475																		
LLBIMODAL	LLANTAS PARA BIMODAL 02	JGO	0.017395																		
LLCASTILLE	LLANTAS CASTILLE AUTO	JGO	0.008666																		
LLVAGON25	LLANTAS DE VAGON CP 25	JGO	0.130669																		
MACA12	Suministro, tendido y conexionado de cable de m retorno con tendido aéreo, de 93 mm2 de aluminio, y alma de acero (material aluminio con 12 hilos de 2,5 mm2 y acero con 7 hilos de 2,5 mm2, sección total de 93,3 mm², sección de aluminio 58,9 mm2, sección de acero 34,34 mm2, diámetro de 12,5 mm, resistencia eléctrica 2,8264 10-6/cm, peso 0,445 kg/m, y resistencia mecánica 49,5 kN), soportado en los postes mediante grapa incluida de acero galvanizado, totalmente instalado."		110.000.0000																		
MACA2X300	Cable de cobre aislado de 2x300 mm2 de PZA sección		7.0000																		
MACAEN	Suministro, tendido y conexionado de cable de m tierra enterrado (CdTE), tendido en plataforma con hasta 1 metro de profundidad, o en interior de bandeja en zona de viaducto de 50 mm2 de cobre electrolítico trenzado, totalmente instalado, incluido derivación de 50 mm2 para unión a postes de catenaria." TOTAL SISTEMA DE PUESTA A TIERRA		83,379.8850																		

REPRESENTANTE COMÚN: ING. HECTOR RAÚL HUERTA AVENDAÑO



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
 Fin obra: 05/09/2023

Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
					5340.869248	23652.419648	23652.419648	21363.475848	23652.419648	16785.585959					114447.190000
					\$3,338,791.00	\$14,786,073.62	\$14,786,073.62	\$13,355,163.29	\$14,786,073.62	\$10,493,341.21					\$71,545,516.36

\$4,259,163.09	\$18,862,006.67	\$18,862,006.48	\$17,036,651.12	\$18,862,006.65	\$13,385,938.48										
\$4,259,163.09	\$23,121,169.76	\$41,983,176.24	\$59,019,827.36	\$77,881,834.01	\$91,267,772.49	\$91,267,772.49	\$91,267,772.49	\$91,267,772.49	\$91,267,772.49	\$91,267,772.49	\$91,267,772.49	\$91,267,772.49	\$91,267,772.49	\$91,267,772.49	\$91,267,772.49
4.67%	20.67%	20.67%	18.67%	20.67%	14.67%										
4.67%	25.33%	46.00%	64.67%	85.33%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

\$320,582,686.02	\$458,438,383.00	\$435,999,203.84	\$448,319,075.89	\$4,238,896.18	\$18,772,253.49	\$18,772,253.49	\$16,955,583.82	\$18,772,253.49	\$13,322,242.69	\$66,336,662.21	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$90,833,483.16
				\$392,041,904.57	\$367,122,451.14	\$299,868,785.41	\$152,244,283.93	\$286,994,236.45	\$301,659,638.73						\$6,189,865,979.49
				0.598802%	18.562874%	18.562874%	16.766467%	18.562874%	17.964072%	8.982037%					100.000000%
				7.754232	240.381353	240.381353	217.118643	240.381353	232.627121	116.313573					1294.957628
				\$145.62	\$4,514.36	\$4,514.36	\$4,077.49	\$4,514.36	\$4,368.74	\$2,184.37					\$24,319.30
				0.598802%	18.562874%	18.562874%	16.766467%	18.562874%	17.964072%	8.982037%					100.000000%
				0.444050	13.765548	13.765548	12.433399	13.765548	13.321499	6.660750					74.156342
				\$30.47	\$944.59	\$944.59	\$853.18	\$944.59	\$914.12	\$457.07					\$5,088.61
				0.598802%	18.562874%	18.562874%	16.766467%	18.562874%	17.964072%	8.982037%					100.000000%
				0.208757	6.471477	6.471477	5.845205	6.471477	6.262720	3.131360					34.862475
				\$5.69	\$176.35	\$176.35	\$159.28	\$176.35	\$170.66	\$85.32					\$950.00
				0.598797%	18.562887%	18.562887%	16.766437%	18.562887%	17.964089%	8.982016%					100.000000%
				0.000104	0.003229	0.003229	0.002917	0.003229	0.003125	0.001562					0.017395
				\$1,246.17	\$38,631.64	\$38,631.64	\$34,893.01	\$38,631.64	\$37,385.47	\$18,692.65					\$208,112.22
				0.598809%	18.562858%	18.562858%	16.766430%	18.562858%	17.964048%	8.982140%					100.000000%
				0.000052	0.001609	0.001609	0.001453	0.001609	0.001557	0.000778					0.008666
				\$496.65	\$15,395.95	\$15,395.95	\$13,906.00	\$15,395.95	\$14,899.30	\$7,449.72					\$82,939.52
				0.598803%	18.562872%	18.562880%	16.766470%	18.562872%	17.964069%	8.982034%					100.000000%
				0.000782	0.024256	0.024256	0.021909	0.024256	0.023473	0.011737					0.130669
				\$7,488.99	\$232,158.17	\$232,158.26	\$209,691.30	\$232,158.17	\$224,669.18	\$112,334.58					\$1,250,658.65
				0.598802%	18.562874%	18.562874%	16.766467%	18.562874%	17.964072%	8.982037%					100.000000%
				658.682200	20419.161400	20419.161400	18443.113700	20419.161400	19760.479200	9880.240700					110000.000000
				\$41,016.14	\$1,271,501.18	\$1,271,501.18	\$1,148,452.69	\$1,271,501.18	\$1,230,485.04	\$615,242.59					\$6,849,700.00

\$320,582,686.02	\$458,438,383.00	\$435,999,203.84	\$448,319,075.89	\$50,429.73	\$1,563,322.24	\$1,563,322.33	\$1,412,032.95	\$1,563,322.24	\$1,512,892.51	\$756,446.30	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$8,421,768.30
				\$392,092,334.30	\$368,685,773.38	\$301,432,107.74	\$153,656,316.88	\$288,557,558.69	\$303,172,531.24	\$67,093,108.51					\$6,198,267,747.79
				0.598802%	18.562874%	18.562874%	16.766467%	18.562874%	17.964072%	8.982037%					100.000000%
				0.041916	1.299401	1.299401	1.173653	1.299401	1.257485	0.628743					7.000000
				\$31,670.42	\$981,783.61	\$981,783.61	\$886,772.30	\$981,783.61	\$950,113.19	\$475,056.66					\$5,288,963.40
				0.598802%	18.562874%	18.562874%	16.766467%	18.562874%	17.964072%	8.982037%					100.000000%
				499.280419	15477.702994	15477.702994	13979.860903	15477.702994	14978.422575	7489.212121					83379.885000
				\$64,462.09	\$1,998,326.23	\$1,998,326.23	\$1,804,939.84	\$1,998,326.23	\$1,933,864.14	\$966,932.19					\$10,765,176.95
				\$146,562.24	\$4,543,432.08	\$4,543,432.17	\$4,103,745.09	\$4,543,432.08	\$4,396,869.84	\$2,198,435.15					

REPRESENTANTE COMUN. ING. HÉCTOR RAÚL HUERTA AVENDAÑO



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022
6	ACUMULADO SISTEMA DE PUESTA A TIERRA PORCENTAJE PERIODO SISTEMA DE PUESTA A TIERRA PORCENTAJE ACUMULADO SISTEMA DE PUESTA A TIERRA ALIMENTACIONES Y CONEXIONES																			
103247-1130	Gasolina Magna	lts	41.720567																	
103247-1145	Aceite para motor a gasolina	lts	5.930009																	
103247-1150	Aceite para motor a diesel	lts	7.92242																	
DIESEL	DIESEL	lts	126.716988																	
			Monto esta hoja: Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$10,710,768.25	\$79,821,861.49	\$120,844,524.29	\$159,098,280.89	\$148,815,083.44	\$147,858,520.83	\$143,419,416.68	\$152,942,578.13	\$201,154,774.44	\$252,416,834.59	\$286,255,723.02	\$283,885,204.23	\$312,179,325.64	\$332,227,076.67
LLCASTILLE	LLANTAS CASTILLE AUTO	JGO	0.001914																	
LLDRE03	DRESINA APV 300	JGO	0.00093																	
LLVAGON25	LLANTAS DE VAGON CP 25	JGO	0.001914																	
MAAISECC	Suministro, instalación y ajuste de aislador de PZA sección, con aislamiento para 25 kV, con deflectores asimétricos, y de alta intensidad para velocidades de hasta 160 km/h"		30.0000																	
MAAUTO01	Suministro, instalación y conexión de PZA autovalvulas de 29 kV de aislamiento, incluido conductores de conexión a catenaria y a cable de tierra enterrado mediante cable de bajada de cobre de 70 mm2 de cobre electrolítico aislado, además de incluir grifas de conexión y pequeño material para tu completo acabado."		24.0000																	
MABIP25	Suministro e instalación de seccionadores PZA bipolares, de apertura en carga, con aislamiento eléctrico, con aislamiento 25 kVca, motorizados y telemandados, incluyendo todos los elementos del conjunto así como timomería y resto de elementos de sujeción al poste, totalmente montado e instalado."		10.0000																	
MACA26	Suministro, tendido y conexionado de todo el m cable Al 26/45 kV de calibre 300 mm2, aislamiento de XLPE, circular compactado. Incluye suministro, transporte, carga y		330.0000																	
			Monto esta hoja: Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$10,710,768.25	\$79,821,861.49	\$120,844,524.29	\$159,098,280.89	\$148,815,083.44	\$147,858,520.83	\$143,419,416.68	\$152,942,578.13	\$201,154,774.44	\$252,416,834.59	\$286,255,723.02	\$283,885,204.23	\$312,179,325.64	\$332,227,076.67
MASECCIONAD	descarga del material a pie de obra, pequeño material, herramientas, maquinaria y medios auxiliares. Están destinados a la distribución de energía para instalaciones de alta tensión al aire, entubados, enterrados, etc." Suministro e instalación de seccionadores PZA unipolares, de apertura en carga, con aislamiento eléctrico, con aislamiento 25 kVca, motorizados y telemandados, incluyendo todos los elementos del conjunto así como timomería y resto de elementos de sujeción al poste, totalmente montado e instalado."		6.0000																	

REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO

000573



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
 Fin obra: 05/09/2023

Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
				\$146,562.24	\$4,689,994.32	\$9,233,426.49	\$13,337,171.58	\$17,880,603.66	\$22,277,473.50	\$24,475,908.65	\$24,475,908.65	\$24,475,908.65	\$24,475,908.65	\$24,475,908.65	
				0.60%	18.56%	18.56%	16.77%	18.56%	17.96%	8.98%					
				0.60%	19.16%	37.72%	54.49%	73.05%	91.02%	100.00%	100.00%	100.00%	100.00%	100.00%	

18.181818%	81.818182%	100.000000%
7.585558	34.135010	41.720567
\$142.46	\$641.05	\$783.51
18.181818%	81.818182%	100.000000%
1.078184	4.851826	5.930009
\$73.99	\$332.93	\$406.92
18.181818%	81.818182%	100.000000%
1.440440	6.481980	7.922420
\$39.25	\$176.64	\$215.89
18.181818%	81.818182%	100.000000%
23.039452	103.677536	126.716988
\$444.66	\$2,000.98	\$2,445.64

\$320,582,686.02	\$458,438,383.00	\$435,999,203.84	\$448,319,075.89	\$392,188,466.81	\$371,665,883.22	\$304,412,217.58	\$156,348,029.02	\$291,537,668.53	\$306,057,208.93	\$1,445,140.45	\$68,538,248.96	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$16,057,992.31	\$6,214,345,740.10
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18.182008%	81.817992%	100.000000%
0.000348	0.001566	0.001914
\$3,330.20	\$14,985.73	\$18,315.93
18.181427%	81.818573%	100.000000%
0.000169	0.000761	0.000930
\$3,236.60	\$14,565.07	\$17,801.67
18.181628%	81.818372%	100.000000%
0.000348	0.001566	0.001914
\$3,330.39	\$14,986.97	\$18,317.36
18.181818%	81.818182%	100.000000%
5.454545	24.545455	30.000000
\$379,177.36	\$1,706,298.14	\$2,085,475.50
18.181818%	81.818182%	100.000000%
4.363636	19.636364	24.000000
\$32,855.30	\$147,848.86	\$180,704.16
18.181818%	81.818182%	100.000000%
1.818182	8.181818	10.000000
\$557,115.85	\$2,507,021.35	\$3,064,137.20
18.181818%	81.818182%	100.000000%
59.999999	270.000001	330.000000
\$84,711.00	\$381,199.50	\$465,910.50

\$320,582,686.02	\$458,438,383.00	\$435,999,203.84	\$448,319,075.89	\$392,188,466.81	\$371,665,883.22	\$304,412,217.58	\$156,348,029.02	\$291,537,668.53	\$307,120,965.63	\$1,063,756.70	\$4,786,905.62	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$5,850,662.32	\$6,220,196,402.42
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18.181818%	81.818182%	100.000000%
1.090909	4.909091	6.000000
\$166,677.05	\$750,046.75	\$916,723.80

REPRESENTANTE COMÚN: ING. HECTOR RAÚL HUERTA AVENDAÑO



Licitación No: LO-021W3N003-E325-2020

Cliente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".

Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022
MASECCTI	Suministro y montaje de conjunto de seccionador PZA de puesta a tierra con mando manual, totalmente instalado. Incluye desplazamientos, maquinaria, herramientas y medios auxiliares. TOTAL ALIMENTACIONES Y CONEXIONES ACUMULADO ALIMENTACIONES Y CONEXIONES PORCENTAJE PERIODO ALIMENTACIONES Y CONEXIONES PORCENTAJE ACUMULADO ALIMENTACIONES Y CONEXIONES		5.0000																	
7	TELEMANDO SECCIONADORES																			
103247-1130	Gasolina Magna	lts	895.014128																	
103247-1145	Aceite para motor a gasolina	lts	42.201117																	
			Monto esta hoja:																	
			Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$10,710,768.25	\$79,821,861.49	\$120,844,524.29	\$159,098,280.89	\$148,815,083.44	\$147,858,520.83	\$143,419,416.68	\$152,942,578.13	\$201,154,774.44	\$252,416,834.59	\$286,255,723.02	\$283,885,204.23	\$312,179,325.64	\$332,227,076.67
103247-1150	Aceite para motor a diesel	lts	10.300393																	
DIESEL	DIESEL	lts	2.329922																	
LLBIMODAL	LLANTAS PARA BIMODAL 02	JGO	0.013455																	
LLCASTILLE	LLANTAS CASTILLE AUTO	JGO	0.001811																	
LLDRE03	DRESINA APV 300	JGO	0.000017																	
LLVAGON25	LLANTAS DE VAGON CP 25	JGO	0.038096																	
MACABLE	Suministro, tendido y conexionado de cable de m señalización híbrido formado por dos fibras ópticas multimodo y dos conductores de cobre de 2,5 mm2 de sección, aislado mediante cubierta no propagadora de la llama tipo XLP 0,6/1kv y destinado a la alimentación y las comunicaciones del dispositivo periférico a instalar en el interior del motor del seccionador de catenana o consumidores, en el ámbito de un nodo de campo "		50,000.0000																	
			Monto esta hoja:																	
			Acumulado:	\$39,149.45	\$52,199.27	\$52,199.27	\$10,710,768.25	\$79,821,861.49	\$120,844,524.29	\$159,098,280.89	\$148,815,083.44	\$147,858,520.83	\$143,419,416.68	\$152,942,578.13	\$201,154,774.44	\$252,416,834.59	\$286,255,723.02	\$283,885,204.23	\$312,179,325.64	\$332,227,076.67
MADECTE	Suministro, instalación, conexionado y puesta en servicio de detectores de tensión. Incluye soporte en poste o pórtico y pequeño material para su correcto funcionamiento."	PZA	21.0000																	
MAEMPAL	Empalme Empalme mediante la técnica por fusión para unir los extremos de dos fibras ópticas dando continuidad a la luz. Esta partida incluye materiales auxiliares, puesta en servicio y la entrega en perfecto estado de funcionamiento, de las fibras ópticas y elementos de esta partida, según la memoria, el pptp y planos, así como los procedimientos y esquemas de instalación y especificaciones de	PZA	50.0000																	


 REPRESENTANTE COMÚN: ING. HÉCTOR RAÚL HUERTA AVENDAÑO



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
 Fin obra: 05/09/2023

Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total
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18.181818%	81.818182%														100.000000%
0.909091	4.090909														5.000000
\$118,950.33	\$535,276.47														\$654,226.80

\$1,350,084.44	\$6,075,380.44														
\$1,350,084.44	\$7,425,464.88	\$7,425,464.88	\$7,425,464.88	\$7,425,464.88	\$7,425,464.88										

18.18%	81.82%														
18.18%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%								

100.000000%															100.000000%
895.014128															895.014128
\$16,808.37															\$16,808.37

100.000000%															100.000000%
42.201117															42.201117
\$2,895.84															\$2,895.84

\$320,582,686.02	\$458,438,383.00	\$435,999,203.84	\$448,319,075.89	\$392,188,466.81	\$371,665,883.22	\$304,412,217.58	\$156,348,029.02	\$291,537,668.53	\$285,627.38	\$1,305,027.43	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$1,590,654.81
									\$307,406,593.01	\$74,630,182.01					\$6,221,787,057.23

100.000000%															100.000000%
10.300393															10.300393
\$280.69															\$280.69

100.000000%															100.000000%
2.329922															2.329922
\$44.97															\$44.97

100.000000%															100.000000%
0.013455															0.013455
\$160,978.85															\$160,978.85

100.000000%															100.000000%
0.001811															0.001811
\$17,330.09															\$17,330.09

100.000000%															100.000000%
0.000017															0.000017
\$327.34															\$327.34

100.000000%															100.000000%
0.038096															0.038096
\$364,628.07															\$364,628.07

100.000000%															100.000000%
50000.000000															50000.000000
\$11,116,500.00															\$11,116,500.00

\$320,582,686.02	\$458,438,383.00	\$435,999,203.84	\$448,319,075.89	\$392,188,466.81	\$371,665,883.22	\$304,412,217.58	\$156,348,029.02	\$291,537,668.53	\$307,406,593.01	\$11,660,090.01	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$11,660,090.01
										\$86,290,272.02					\$6,233,447,147.24

100.000000%															100.000000%
21.000000															21.000000
\$1,275,688.05															\$1,275,688.05

100.000000%															100.000000%
50.000000															50.000000
\$1,009,533.00															\$1,009,533.00



Licitación No: LO-021W3N003-E325-2020

Ciente: Fondo Nacional de Fomento al Turismo

Subdirección de Adquisiciones y Servicios Generales

Obra: "ELABORACIÓN DEL PROYECTO EJECUTIVO, CONSTRUCCIÓN DE LA VÍA FÉRREA ELECTRIFICADA DEL TREN MAYA, INCLUIDA LA ADECUACIÓN DE LA PLATAFORMA CARRETERA EXISTENTE CORRESPONDIENTE AL TRAMO PLAYA DEL CARMEN NORTE A TULUM NORTE".
Lugar: Ciudad de México.

PROGRAMA CALENDARIZADO MENSUAL DE EROGACIONES DE MATERIALES Y EQUIPO DE INSTALACIÓN PERMANENTE

No.	Descripción	Unidad	Cantidad	05/02/2021	01/03/2021	01/04/2021	01/05/2021	01/06/2021	01/07/2021	01/08/2021	01/09/2021	01/10/2021	01/11/2021	01/12/2021	01/01/2022	01/02/2022	01/03/2022	01/04/2022	01/05/2022	01/06/2022
MAEMTER	los empalmes." Empalme termorretráctil Empalme termorretráctil relleno para cable antirroedores de 2x2,5 mm². Esta partida incluye suministro, montaje, instalación, conexionado, servicio y la entrega en perfecto estado de funcionamiento, de los empalmes y elementos de esta partida, según la memoria, el ptp y planos, así como los procedimientos de instalación y especificaciones de los empalmes." TOTAL TELEMANDO SECCIONADORES ACUMULADO TELEMANDO SECCIONADORES PORCENTAJE PERIODO TELEMANDO SECCIONADORES PORCENTAJE ACUMULADO TELEMANDO SECCIONADORES TOTAL ENERGIA Y CATENARIA ACUMULADO ENERGIA Y CATENARIA PORCENTAJE PERIODO ENERGIA Y CATENARIA	PZA	50.0000																	
	Monto esta hoja: Acumulado:			\$39,149.45	\$52,199.27	\$52,199.27	\$10,710,768.25	\$79,821,861.49	\$120,844,524.29	\$159,098,280.89	\$148,815,083.44	\$147,858,520.83	\$143,419,416.68	\$152,942,578.13	\$201,154,774.44	\$252,416,834.59	\$286,255,723.02	\$283,885,204.23	\$312,179,325.64	\$332,227,076.67
	PORCENTAJE ACUMULADO ENERGIA Y CATENARIA TOTAL ELECTRIFICACIÓN - TRAMO 5 SUR_CARIBE 2 - V PLAYA DEL CARMEN - TULUM ACUMULADO ELECTRIFICACIÓN - TRAMO 5 SUR_CARIBE 2 - V PLAYA DEL CARMEN - TULUM PORCENTAJE PERIODO ELECTRIFICACIÓN - TRAMO 5 SUR_CARIBE 2 - V PLAYA DEL CARMEN - TULUM PORCENTAJE ACUMULADO ELECTRIFICACIÓN - TRAMO 5 SUR_CARIBE 2 - V PLAYA DEL CARMEN - TULUM TOTAL PRECIOS UNITARIOS TRAMO 5 SUR_CARIBE 2 - NORTE V PLAYA DEL CARMEN - TULUM ACUMULADO PRECIOS UNITARIOS TRAMO 5 SUR_CARIBE 2 - NORTE V PLAYA DEL CARMEN - TULUM PORCENTAJE PERIODO PRECIOS UNITARIOS TRAMO 5 SUR_CARIBE 2 - NORTE V PLAYA DEL CARMEN - TULUM PORCENTAJE ACUMULADO PRECIOS UNITARIOS TRAMO 5 SUR_CARIBE 2 - NORTE V PLAYA DEL CARMEN - TULUM			\$39,149.45	\$52,199.27	\$52,199.27	\$10,710,768.25	\$79,821,861.49	\$120,844,524.29	\$159,098,280.89	\$148,815,083.44	\$147,858,520.83	\$143,419,416.68	\$152,942,578.13	\$201,154,774.44	\$252,416,834.59	\$286,255,723.02	\$283,885,204.23	\$312,179,325.64	\$332,227,076.67
				0.00%	0.00%	0.00%	0.17%	1.28%	1.94%	2.55%	2.39%	2.37%	2.30%	2.45%	3.23%	4.05%	4.59%	4.55%	5.01%	5.33%
				0.00%	0.00%	0.00%	0.17%	1.45%	3.39%	5.94%	8.33%	10.70%	13.00%	15.45%	18.68%	22.73%	27.32%	31.87%	36.88%	42.20%
	Monto esta hoja: Acumulado:			\$39,149.45	\$52,199.27	\$52,199.27	\$10,710,768.25	\$79,821,861.49	\$120,844,524.29	\$159,098,280.89	\$148,815,083.44	\$147,858,520.83	\$143,419,416.68	\$152,942,578.13	\$201,154,774.44	\$252,416,834.59	\$286,255,723.02	\$283,885,204.23	\$312,179,325.64	\$332,227,076.67
	TOTAL DEL PRESUPUESTO MOSTRADO: ACUMULADO: PORCENTAJE PERIODO: PORCENTAJE ACUMULADO:			\$39,149.45	\$52,199.27	\$52,199.27	\$10,710,768.25	\$79,821,861.49	\$120,844,524.29	\$159,098,280.89	\$148,815,083.44	\$147,858,520.83	\$143,419,416.68	\$152,942,578.13	\$201,154,774.44	\$252,416,834.59	\$286,255,723.02	\$283,885,204.23	\$312,179,325.64	\$332,227,076.67
				0.00%	0.00%	0.00%	0.17%	1.28%	1.94%	2.55%	2.39%	2.37%	2.30%	2.45%	3.23%	4.05%	4.59%	4.55%	5.01%	5.33%
				0.00%	0.00%	0.00%	0.17%	1.45%	3.39%	5.94%	8.33%	10.70%	13.00%	15.45%	18.68%	22.73%	27.32%	31.87%	36.88%	42.20%
	TOTAL CANTIDAD MOSTRADA: ACUMULADA: PORCENTAJE PERIODO: PORCENTAJE ACUMULADO:			1,826.37	2,435.16	2,435.16	476,938.98	3,553,301.50	5,184,168.00	6,696,428.76	6,271,713.48	6,450,441.75	6,256,633.04	6,669,804.17	9,704,848.22	12,620,206.01	14,966,966.86	15,457,627.93	17,566,733.31	18,514,775.58
				1,826.37	4,261.53	6,696.68	483,635.67	4,036,937.17	9,221,105.18	15,917,533.94	22,189,247.42	28,639,689.16	34,896,322.21	41,566,126.37	51,270,974.60	63,891,180.61	78,858,147.47	94,315,775.40	111,882,508.71	130,397,284.29
				0.00%	0.00%	0.00%	0.20%	1.48%	2.16%	2.80%	2.62%	2.69%	2.61%	2.79%	4.05%	5.27%	6.25%	6.45%	7.34%	7.73%
				0.00%	0.00%	0.00%	0.20%	1.69%	3.85%	6.65%	9.27%	11.96%	14.57%	17.36%	21.41%	26.68%	32.93%	39.38%	46.72%	54.45%



Fecha: 15/01/2021
 Duración: 943 días
 Inicio obra: 05/02/2021
 Fin obra: 05/09/2023

Formato
 ECO-11-3

01/07/2022	01/08/2022	01/09/2022	01/10/2022	01/11/2022	01/12/2022	01/01/2023	01/02/2023	01/03/2023	01/04/2023	01/05/2023	01/06/2023	01/07/2023	01/08/2023	01/09/2023	Total	
										100.000000%					100.000000%	
										50.000000					50.000000	
										\$55,528.50					\$55,528.50	
										\$14,020,543.77					\$14,020,543.77	
										\$14,020,543.77	\$14,020,543.77	\$14,020,543.77	\$14,020,543.77	\$14,020,543.77	\$14,020,543.77	
										100.00%					100.00%	
										100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
	\$25,147,211.10	\$37,636,479.24	\$38,891,029.09	\$59,917,907.38	\$91,462,088.30	\$91,462,088.00	\$37,761,893.33	\$23,405,438.73	\$19,132,892.76	\$22,294,359.36	\$447,111,387.29	\$447,111,387.29	\$447,111,387.29	\$447,111,387.29	\$447,111,387.29	
	\$25,147,211.10	\$62,783,690.34	\$101,674,719.43	\$161,592,626.81	\$253,054,715.11	\$344,516,803.11	\$382,278,696.44	\$405,684,135.17	\$424,817,027.93	\$447,111,387.29	\$447,111,387.29	\$447,111,387.29	\$447,111,387.29	\$447,111,387.29	\$447,111,387.29	
	5.62%	8.42%	8.70%	13.40%	20.46%	20.46%	8.45%	5.23%	4.28%	4.99%						
\$320,582,686.02	\$458,438,383.00	\$435,999,203.84	\$448,319,075.89	\$392,188,466.81	\$371,665,883.22	\$304,412,217.58	\$156,348,029.02	\$291,537,668.53	\$307,406,593.01	\$2,340,749.55	\$88,631,021.57	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$2,340,749.55
	5.62%	14.04%	22.74%	36.14%	56.60%	77.05%	85.50%	90.73%	95.01%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	\$25,147,211.10	\$37,636,479.24	\$38,891,029.09	\$59,917,907.38	\$91,462,088.30	\$91,462,088.00	\$37,761,893.33	\$23,405,438.73	\$19,132,892.76	\$22,294,359.36	\$447,111,387.29	\$447,111,387.29	\$447,111,387.29	\$447,111,387.29	\$447,111,387.29	
	\$25,147,211.10	\$62,783,690.34	\$101,674,719.43	\$161,592,626.81	\$253,054,715.11	\$344,516,803.11	\$382,278,696.44	\$405,684,135.17	\$424,817,027.93	\$447,111,387.29	\$447,111,387.29	\$447,111,387.29	\$447,111,387.29	\$447,111,387.29	\$447,111,387.29	
	5.62%	8.42%	8.70%	13.40%	20.46%	20.46%	8.45%	5.23%	4.28%	4.99%						
	5.62%	14.04%	22.74%	36.14%	56.60%	77.05%	85.50%	90.73%	95.01%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
\$320,582,686.02	\$458,438,383.00	\$435,999,203.84	\$448,319,075.89	\$392,188,466.81	\$371,665,883.22	\$304,412,217.58	\$156,348,029.02	\$291,537,668.53	\$307,406,593.01	\$88,631,021.57	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$6,235,787,896.79	
\$2,952,356,206.60	\$3,410,794,589.60	\$3,846,793,793.44	\$4,295,112,869.33	\$4,687,301,336.14	\$5,058,967,219.36	\$5,363,379,436.94	\$5,519,727,465.96	\$5,811,265,134.49	\$6,118,671,727.50	\$6,207,302,749.07	\$6,235,500,800.74	\$6,235,579,099.64	\$6,235,657,398.54	\$6,235,787,896.79	\$6,235,787,896.79	
	5.14%	7.35%	6.99%	7.19%	6.29%	5.96%	4.88%	2.51%	4.68%	4.93%	1.42%	0.45%	0.00%	0.00%	0.00%	
	47.35%	54.70%	61.69%	68.88%	75.17%	81.13%	86.01%	88.52%	93.19%	98.12%	99.54%	100.00%	100.00%	100.00%	100.00%	
\$320,582,686.02	\$458,438,383.00	\$435,999,203.84	\$448,319,075.89	\$392,188,466.81	\$371,665,883.22	\$304,412,217.58	\$156,348,029.02	\$291,537,668.53	\$307,406,593.01	\$88,631,021.57	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$6,235,787,896.79	
\$320,582,686.02	\$458,438,383.00	\$435,999,203.84	\$448,319,075.89	\$392,188,466.81	\$371,665,883.22	\$304,412,217.58	\$156,348,029.02	\$291,537,668.53	\$307,406,593.01	\$88,631,021.57	\$28,198,051.67	\$78,298.90	\$78,298.90	\$130,498.25	\$6,235,787,896.79	
\$2,952,356,206.60	\$3,410,794,589.60	\$3,846,793,793.44	\$4,295,112,869.33	\$4,687,301,336.14	\$5,058,967,219.36	\$5,363,379,436.94	\$5,519,727,465.96	\$5,811,265,134.49	\$6,118,671,727.50	\$6,207,302,749.07	\$6,235,500,800.74	\$6,235,579,099.64	\$6,235,657,398.54	\$6,235,787,896.79	\$6,235,787,896.79	
	5.14%	7.35%	6.99%	7.19%	6.29%	5.96%	4.88%	2.51%	4.68%	4.93%	1.42%	0.45%	0.00%	0.00%	0.00%	
	47.35%	54.70%	61.69%	68.88%	75.17%	81.13%	86.01%	88.52%	93.19%	98.12%	99.54%	100.00%	100.00%	100.00%	100.00%	
17,699,620.84	20,231,474.67	16,944,863.13	17,508,608.26	10,696,991.32	6,286,950.74	5,251,006.55	4,369,318.09	4,447,080.27	3,494,295.63	1,500,485.37	641,694.81	3,652.74	3,652.74	6,087.89	6,087.89	
148,096,905.13	168,328,379.80	185,273,242.93	202,781,851.19	213,478,842.52	219,765,793.25	225,016,799.80	229,386,117.89	233,833,198.15	237,327,493.78	238,827,979.15	239,469,673.96	239,473,326.70	239,476,979.43	239,483,067.33	239,483,067.33	
	7.39%	8.45%	7.08%	7.31%	4.47%	2.63%	2.19%	1.82%	1.86%	0.63%	0.27%	0.00%	0.00%	0.00%	0.00%	
	61.84%	70.29%	77.36%	84.68%	89.14%	91.77%	93.96%	95.78%	97.64%	99.10%	99.99%	100.00%	100.00%	100.00%	100.00%	