

CUADRO COMPARATIVO (ESTUDIO DE MERCADO)

NO. DE REQUERIMIENTO:		01-019				P.P.				3552					
PARTIDA		Reparación, mantenimiento y conservación de equipo de transporte destinados a servicios públicos y operación de programas públicos.													
DIRECCIÓN GENERAL:		DIRECCIÓN GENERAL DE RECURSOS MATERIALES, ABASTECIMIENTOS Y SERVICIOS GENERALES.													
OFICINA SOLICITANTE:		JEFATURA DE UNIDAD DEPARTAMENTAL DE CONTROL VEHICULAR Y TALLERES.													
Part.	Concepto	MOTOR	Cant.	U/M	TIEMPO DE ENTREGA Y GARANTIA	SERVICIOS CORPORATIVOS KEMPLER S.A. DE C.V.		SERVICIOS MOTRICES INTEGRALES S.A. DE C.V.		SERVICIOS JORO, S.A. DE C.V.		TCI, S.A. DE C.V.		PROMEDIO DE PRECIOS	
						P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe
1	MANTENIMIENTO CORRECTIVO Y PREVENTIVO CON VERIFICACIÓN VEHICULAR ANUAL DE LAS UNIDADES VEHICULARES A DISEÑO PROPIEDAD DE LA ALCALDÍA														
	AFINACIÓN MOTOR DIESEL CONVENCIONAL														
	LAVADO Y ENGRASADO, CAMBIO DE ACEITE DE MOTOR, FILTRO DE AIRE, COMBUSTIBLE Y ACEITE, REPUESTO DE FILTRO SEDIMENTADOR, JUNTA DE TAPA DE PUNTERÍAS, Y REPARACIÓN GENERAL DE BOMBA DE INYECTORES, (CAMBIO DE JUNTAS Y TOBERAS), EN LABORATORIO CORREGIR FUGAS DE MANGUERAS Y CONEXIONES DE ADMISIÓN, LUBRICACIÓN, AIRE Y COMBUSTIBLE, P.A.E VERIFICACIÓN														
	ACEITE, FILTROS DE ACEITE, 1 FILTRO DE AIRE PRIMARIO, FILTRO DE AIRE SECUNDARIO, FILTROS DE DIESEL, REPUESTO DE FILTRO SEDIMENTARIO, 1 JUNTA DE TAPA DE PUNTERÍA, REPUESTO DE BOMBA, REPUESTO DE INYECTORES, Y PREVERIFICACIÓN														
	MOTOR M.BENZ	1	SERVICIO	03 DIAS HABLES /90 DIAS	\$26,959.49	\$26,959.49	\$25,078.60	\$25,078.60	\$27,768.27	\$27,768.27	\$28,307.46	\$28,307.46	\$27,028.46	\$27,028.46	
	MOTOR CATERPILLAR	1	SERVICIO	03 DIAS HABLES /90 DIAS	\$27,231.82	\$27,231.82	\$25,331.92	\$25,331.92	\$26,048.77	\$26,048.77	\$28,593.41	\$28,593.41	\$27,301.48	\$27,301.48	
	MOTOR NAVISTAR	1	SERVICIO	03 DIAS HABLES /90 DIAS	\$27,231.82	\$27,231.82	\$25,331.92	\$25,331.92	\$23,048.77	\$26,048.77	\$28,593.41	\$23,593.41	\$27,301.48	\$27,301.48	
	MOTOR PERKINS	1	SERVICIO	03 DIAS HABLES /90 DIAS	\$20,065.75	\$20,065.75	\$18,665.82	\$13,665.82	\$20,667.72	\$20,667.72	\$21,069.04	\$21,069.04	\$20,117.08	\$28,117.03	
	MOTOR PHASER	1	SERVICIO	03 DIAS HABLES /90 DIAS	\$23,359.80	\$23,359.80	\$21,730.04	\$21,730.04	\$24,060.59	\$24,060.59	\$24,527.79	\$24,527.79	\$23,419.56	\$23,419.56	
2	AFINACIÓN MOTOR DIESEL ELECTRONICO														
	INCLUYE: SERVICIO DE LAVADO Y ENGRASADO, CAMBIO DE ACEITE Y FILTRO DE ACEITE, FILTRO DE COMBUSTIBLE Y TRAMPA DE AGUA, FILTRO DE AIRE PRIMARIO Y SECUNDARIO, REVISAR Y CORREGIR MANGUERAS Y CONEXIONES DE ADMISIÓN, LUBRICACIÓN, AIRE Y COMBUSTIBLE, LIMPIEZA DE RESPIRADERO DE MOTOR, LIMPIEZA DE JAPÓN Y CÉDIZO DEL TANQUE DE COMBUSTIBLE QUE INCLUYE, LINEAS DE RETORNO, CHECAR Y PONER A NIVEL DE ANTICONGELANTE, CHECAR CONECTOR ECM TABLERO, CHECAR ECM DIESEL, CHECAR ARMES ELECTRONICO														
	MOTOR CATERPILLAR ELECTRONICO	1	SERVICIO	03 DIAS HABLES /90 DIAS	\$27,687.80	\$27,687.80	\$25,756.09	\$25,756.09	\$28,518.43	\$28,518.43	\$29,072.19	\$29,072.19	\$27,758.63	\$27,758.63	
	MOTOR CATERPILLAR BICOMBUSTIBLE	1	SERVICIO	03 DIAS HABLES /90 DIAS	\$27,687.80	\$27,687.80	\$25,756.09	\$25,756.09	\$28,518.43	\$28,518.43	\$29,072.19	\$29,072.19	\$27,758.63	\$27,758.63	
	MOTOR NAVISTAR ELECTRONICO	1	SERVICIO	03 DIAS HABLES /90 DIAS	\$26,937.22	\$26,937.22	\$25,057.88	\$25,057.88	\$27,745.34	\$27,745.34	\$28,284.03	\$28,284.03	\$27,006.13	\$27,006.13	
	MOTOR M. BENZ COMMON RAIL	1	SERVICIO	03 DIAS HABLES /90 DIAS	\$30,493.78	\$30,493.78	\$28,366.31	\$28,366.31	\$31,408.58	\$31,408.58	\$32,018.47	\$32,018.47	\$30,571.79	\$30,571.79	
	MOTOR CUMMINS COMMON RAIL	1	SERVICIO	03 DIAS HABLES /90 DIAS	\$39,954.10	\$39,954.10	\$37,166.61	\$37,166.61	\$41,152.72	\$41,152.72	\$41,951.81	\$41,951.81	\$40,056.31	\$40,056.31	
	MOTOR CUMMINS ELECTRONICO	1	SERVICIO	03 DIAS HABLES /90 DIAS	\$30,671.90	\$30,671.90	\$28,532.80	\$28,532.80	\$31,592.05	\$31,592.05	\$32,205.50	\$32,205.50	\$30,750.36	\$30,750.36	
	MOTOR MAXFORCE	1	SERVICIO	03 DIAS HABLES /90 DIAS	\$31,683.15	\$31,683.15	\$29,472.70	\$29,472.70	\$32,633.64	\$32,633.64	\$33,267.31	\$33,267.31	\$31,764.20	\$31,764.20	

CUADRO COMPARATIVO (ESTUDIO DE MERCADO)

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PARTIDA		Reparación, mantenimiento y conservación de equipo de transporte destinados a servicios públicos y operación de programas públicos.													
DIRECCIÓN GENERAL:		DIRECCIÓN GENERAL DE RECURSOS MATERIALES, ABASTECIMIENTOS Y SERVICIOS GENERALES.													
OFICINA SOLICITANTE:		JEFATURA DE UNIDAD DEPARTAMENTAL DE CONTROL VEHICULAR Y TALLERES.													
Part.	Concepto	MOTOR	Cant.	U/M	TIEMPO DE ENTREGA Y GARANTIA	SERVICIOS CORPORATIVOS KEMPLER S.A. DE C.V.		SERVICIOS MOTRICES INTEGRALES S.A. DE C.V.		SERVICIOS JORO, S.A. DE C.V.		TCI, S.A. DE C.V.		PROMEDIO DE PRECIOS	
						P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe
1	MANTENIMIENTO PREVENTIVO Y CORRECTIVO DE MAQUINARIA PESADA A DIESEL PROPIEDAD DE LA ALCALDIA														
	AFINACION MOTOR DIESEL CONVENCIONAL														
	LAVADO Y ENGRASADO, CAMBIO DE ACEITE DE MOTOR, FILTRO DE AIRE, COMBUSTIBLE Y ACEITE, REPUESTO DE FILTRO SEDIMENTADOR, JUNTA DE TAPA DE PUNTERIAS, Y REPARACIÓN GENERAL DE BOMBA DE INYECTORES.(CAMBIO DE JUNTAS Y TUBERIAS), EN LABORATORIO CORREGIR FUGAS DE MANGUERAS Y CONEXIONES DE ADMISION, LUBRICACIÓN, AIRE Y COMBUSTIBLE, PRE VERIFICACIÓN														
	ACEITE, FILTROS DE ACEITE, 1 FILTRO DE AIRE PRIMARIO, FILTRO DE AIRE SECUNDARIO, FILTROS DE DIESEL, REPUESTO DE FILTRO SEDIMENTARIO, 1 JUNTA DE TAPA DE PUNTERIA, REPUESTO DE BOMBA, REPUESTO DE INYECTORES, Y PRE VERIFICACIÓN														
	MOTOR M.BENZ	1	SERVICIO	03 DIAS HABILES /90 DIAS	\$26,959.49	\$26,959.49	\$25,078.60	\$25,078.60	\$27,768.27	\$27,768.27	\$28,307.46	\$28,307.46	\$27,028.46	\$27,028.46	
	MOTOR CATERPILLAR	1	SERVICIO	03 DIAS HABILES /90 DIAS	\$27,231.82	\$27,231.82	\$25,331.92	\$25,331.92	\$28,048.77	\$28,048.77	\$28,593.41	\$28,593.41	\$27,301.48	\$27,301.48	
	MOTOR NAVISTAR	1	SERVICIO	03 DIAS HABILES /90 DIAS	\$27,231.82	\$27,231.62	\$25,331.92	\$25,331.92	\$28,048.77	\$28,048.77	\$28,593.41	\$28,593.41	\$27,301.48	\$27,301.48	
	MOTOR PERKINS	1	SERVICIO	03 DIAS HABILES /90 DIAS	\$20,065.75	\$20,065.75	\$18,665.82	\$18,665.82	\$20,667.72	\$20,667.72	\$21,069.04	\$21,069.04	\$20,117.06	\$20,117.06	
	MOTOR PHASER	1	SERVICIO	03 DIAS HABILES /90 DIAS	\$23,359.80	\$23,359.80	\$21,730.04	\$21,730.04	\$24,060.59	\$24,060.59	\$24,527.79	\$24,527.79	\$23,419.56	\$23,419.56	
2	MOTOR CUMMINS 350	1	SERVICIO	03 DIAS HABILES /90 DIAS	\$31,542.03	\$31,542.03	\$29,341.42	\$29,341.42	\$32,488.29	\$32,488.29	\$33,119.13	\$33,119.13	\$31,622.72	\$31,622.72	
	MOTOR CUMMINS 210	1	SERVICIO	03 DIAS HABILES /90 DIAS	\$31,542.03	\$31,542.03	\$29,341.42	\$29,341.42	\$32,488.29	\$32,488.29	\$33,119.13	\$33,119.13	\$31,622.72	\$31,622.72	
	AFINACION MOTOR DIESEL ELECTRONICO														
	INCLUYE: SERVICIO DE LAVADO Y ENGRASADO, CAMBIO DE ACEITE Y FILTRO DE ACEITE, FILTRO DE COMBUSTIBLE Y TRAMPA DE AGUA, FILTRO DE AIRE PRIMARIO Y SECUNDARIO, REVISAR Y CORREGIR MANGUERAS Y CONEXIONES DE ADMISION, LUBRICACION, AIRE Y COMBUSTIBLE, LIMPIEZA DE RESPIRADERO DE MOTOR, LIMPIEZA DE TAPON Y CEAZO DEL TANQUE DE COMBUSTIBLE QUE INCLUYE, LINEAS DE RETORNO, CHECAR Y PONER A NIVEL DE ANTICONGELANTE, CHECAR CONECTOR ECM TABLERO, CHECAR ECM DIESEL, CHECAR ARNES ELECTRONICO														
	MOTOR CATERPILLAR ELECTRONICO	1	SERVICIO	03 DIAS HABILES /90 DIAS	\$27,687.80	\$27,687.80	\$25,756.09	\$25,756.09	\$28,518.43	\$28,518.43	\$29,072.19	\$29,072.19	\$27,758.63	\$27,758.63	
	MOTOR CATERPILLAR BICOMBUSTIBLE	1	SERVICIO	03 DIAS HABILES /90 DIAS	\$27,687.80	\$27,687.80	\$25,756.09	\$25,756.09	\$28,518.43	\$28,518.43	\$29,072.19	\$29,072.19	\$27,758.63	\$27,758.63	
	MOTOR NAVISTAR ELECTRONICO	1	SERVICIO	03 DIAS HABILES /90 DIAS	\$26,937.22	\$26,937.22	\$25,057.88	\$25,057.88	\$27,745.34	\$27,745.34	\$28,284.08	\$28,284.08	\$27,006.13	\$27,006.13	
	MOTOR M. BENZ COMMON RAIL	1	SERVICIO	03 DIAS HABILES /90 DIAS	\$30,493.78	\$30,493.78	\$28,366.31	\$28,366.31	\$31,408.59	\$31,408.59	\$32,018.47	\$32,018.47	\$30,571.79	\$30,571.79	
	MOTOR CUMMINS COMMON RAIL	1	SERVICIO	03 DIAS HABILES /90 DIAS	\$39,954.10	\$39,954.10	\$37,166.61	\$37,166.61	\$41,152.72	\$41,152.72	\$41,951.81	\$41,951.81	\$40,056.31	\$40,056.31	
MOTOR CUMMINS ELECTRONICO	1	SERVICIO	03 DIAS HABILES /90 DIAS	\$30,671.90	\$30,671.90	\$28,532.00	\$28,532.00	\$31,592.06	\$31,592.06	\$32,205.50	\$32,205.50	\$30,750.36	\$30,750.36		
MOTOR MAXFORCE	1	SERVICIO	03 DIAS HABILES /90 DIAS	\$31,683.15	\$31,683.15	\$29,472.70	\$29,472.70	\$32,633.64	\$32,633.64	\$33,267.31	\$33,267.31	\$31,764.20	\$31,764.20		

CUADRO COMPARATIVO (ESTUDIO DE MERCADO)

NO. DE REQUERIMIENTO:		01-019				P.P.		3552							
PARTIDA		Reparación, mantenimiento y conservación de equipo de transporte destinados a servicios públicos y operación de programas públicos.													
DIRECCIÓN GENERAL:		DIRECCIÓN GENERAL DE RECURSOS MATERIALES, ABASTECIMIENTOS Y SERVICIOS GENERALES.													
OFICINA SOLICITANTE:		JEFATURA DE UNIDAD DEPARTAMENTAL DE CONTROL VEHICULAR Y TALLERES.													
Part.	Concepto	MOTOR	CanL	U/M	TIEMPO DE ENTREGA Y GARANTIA	SERVICIOS CORPORATIVOS KEMPLER S.A. DE C.V.		SERVICIOS MOTRICES INTEGRALES S.A. DE C.V.		SERVICIOS JORO, S.A. DE C.V.		TCI, S.A. DE C.V.		PROMEDIO DE PRECIOS	
						P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe
3	AJUSTE DE MOTOR DIESEL DESCRIPCION DE LA REPARACION														
	DESINCRUSTAR MOTOR, RECTIFICAR MONOBLOCK, SUMINISTRO DE ARBOL DE LEVAS, CAMBIO DE TAPONES DE MOTOR, CAMBIO DE CAMISAS, AJUSTAR CIGÜEÑAL A BANCADA, INSTALAR METALES DE ARBOL, RECTIFICAR BIELAS, ALINEAR BIELAS, AJUSTAR PERMOS A PRESION, RECTIFICAR ASIENTOS DE VALVULA, RECTIFICAR SUPERFICIES DE CABEZA, CAMBIAR GUAS, BUJOS HIOR, JGO, METALES DE BIELA, BANCADA, ARBOL DE LEVAS, ANILLOS PISTONES, JUNTAS DE MOTOR, JUEGO DE VALVULAS, FILTRO DE COMBUSTIBLE, ACEITE Y AIRE, REPUESTO BOMBA DE AGUA, BOMBA DE ACEITE, REPARACION Y CALIBRACION DE BOMBA DE INYECCION E INYECTORES, REPARACION DE TURBO CARGADOR, SONBEO DE RADIADOR Y AGREGAR REFRIGERANTE, CAMBIO DE MANGUERAS Y ABRAZADERAS, CAMBIO DE EMBRAGUE, REPARACION DE MARCHA, ALTERNADOR, REVISAR REGIMEN DE CARGA, BULBOS E INDICADORES DEL TABLERO, CAMBIO BANDAS, TAPON DE RADIADOR Y LLENADO DE ACEITE DE MOTOR, BAYONETA DE ACEITE Y FUNDA DE LA BAYONETA, CAMBIO DE ACEITE, SOPORTES DE MOTOR.	MOTORES CONVENCIONALES													
		MOTOR: M.BENZ	1	SERVICIO	10 DIAS HABILES/365 DIAS HABILES	\$148,186.91	\$148,186.91	\$138,105.23	\$138,105.23	\$152,632.52	\$152,632.52	\$155,596.26	\$155,596.26	\$148,630.23	\$148,630.23
		MOTOR: CATERPILLAR	1	SERVICIO	18 DIAS HABILES/365 DIAS HABILES	\$148,849.31	\$148,849.31	\$138,722.57	\$138,722.57	\$153,314.79	\$153,314.79	\$156,291.78	\$156,291.78	\$149,294.61	\$149,294.61
		MOTOR: NAVISTAR	1	SERVICIO	18 DIAS HABILES/365 DIAS HABILES	\$109,348.69	\$109,348.69	\$101,909.31	\$101,909.31	\$112,629.15	\$112,629.15	\$114,816.12	\$114,816.12	\$109,675.82	\$109,675.82
		MOTOR: PERKINS	1	SERVICIO	10 DIAS HABILES/365 DIAS HABILES	\$109,528.16	\$109,528.16	\$102,876.57	\$102,876.57	\$112,814.00	\$112,814.00	\$115,804.57	\$115,804.57	\$109,855.83	\$109,855.83
		MOTOR: PHASER	1	SERVICIO	10 DIAS HABILES/365 DIAS HABILES	\$116,845.82	\$116,845.82	\$108,896.38	\$108,896.38	\$128,351.19	\$120,351.19	\$122,688.11	\$122,688.11	\$117,195.38	\$117,195.38
		MOTOR: CUMMINS 350	1	SERVICIO	10 DIAS HABILES/365 DIAS HABILES	\$129,368.22	\$129,368.22	\$120,566.84	\$120,566.84	\$133,249.27	\$133,249.27	\$135,836.63	\$135,836.63	\$129,755.24	\$129,755.24
		MOTOR: CUMMINS 210	1	SERVICIO	10 DIAS HABILES/365 DIAS HABILES	\$111,159.74	\$111,159.74	\$183,597.15	\$103,597.15	\$114,494.53	\$114,494.53	\$116,717.73	\$116,717.73	\$111,492.29	\$111,492.29
		MOTORES ELECTRONICOS													
	MOTOR CATERPILLAR ELECTRONICO	1	SERVICIO	10 DIAS HABILES/365 DIAS HABILES	\$181,502.42	\$181,502.42	\$169,154.17	\$169,154.17	\$186,947.49	\$186,947.49	\$190,577.54	\$190,577.54	\$182,045.41	\$182,045.41	
	MOTOR CATERPILLAR BICOMBUSTIBLE	1	SERVICIO	10 DIAS HABILES/365 DIAS HABILES	\$180,751.97	\$180,751.97	\$168,454.78	\$168,454.78	\$186,174.53	\$186,174.53	\$189,789.57	\$189,789.57	\$181,292.71	\$181,292.71	
	MOTOR NAVISTAR ELECTRONICO	1	SERVICIO	10 DIAS HABILES/365 DIAS HABILES	\$181,502.42	\$181,502.42	\$169,154.17	\$168,154.17	\$186,947.49	\$186,947.49	\$190,577.54	\$190,577.54	\$182,045.41	\$182,045.41	
	MOTOR M.BENZ COMMON RAIL	1	SERVICIO	10 DIAS HABILES/365 DIAS HABILES	\$288,727.79	\$288,727.79	\$194,527.29	\$194,527.29	\$214,989.62	\$214,989.62	\$219,164.18	\$219,164.18	\$209,352.22	\$209,352.22	
	MOTOR: CUMMINS COMMON RAIL	1	SERVICIO	10 DIAS HABILES/365 DIAS HABILES	\$235,953.15	\$235,953.15	\$219,900.42	\$219,900.42	\$243,031.74	\$243,031.74	\$247,758.81	\$247,758.81	\$236,659.03	\$236,659.03	
	MOTOR CUMMINS ELECTRONICO	1	SERVICIO	10 DIAS HABILES/365 DIAS HABILES	\$267,262.31	\$267,262.31	\$249,879.51	\$249,079.51	\$275,280.18	\$275,280.18	\$280,625.43	\$280,625.43	\$268,061.86	\$268,061.86	
	MOTOR MAXFORCE	1	SERVICIO	10 DIAS HABILES/365 DIAS HABILES	\$309,007.86	\$309,007.86	\$287,984.96	\$287,984.96	\$318,278.18	\$318,278.18	\$324,458.25	\$324,458.25	\$309,932.29	\$309,932.29	
	CAMBIO DE CIGÜEÑAL SUMINISTRO DE CIGÜEÑAL, AJUSTAR CIGÜEÑAL A BANCADA, CAMBIO DE JUNTAS DE MOTOR, CAMBIO DE FILTROS DE ACEITE, CAMBIO DE METALES DE BANCADA, CAMBIO DE FILTROS DE AIRE, CAMBIO DE ACEITE DE MOTOR.	MOTORES CONVENCIONALES													
		MOTOR: M.BENZ	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$33,182.66	\$33,182.66	\$30,925.13	\$30,925.13	\$34,178.14	\$34,178.14	\$34,841.79	\$34,841.79	\$33,281.93	\$33,281.93
		MOTOR: CATERPILLAR	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$93,658.75	\$93,658.75	\$87,286.82	\$87,286.82	\$96,468.51	\$96,468.51	\$98,341.69	\$98,341.69	\$93,938.94	\$93,938.94

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DIRECCIÓN GENERAL:		DIRECCIÓN GENERAL DE RECURSOS MATERIALES, ABASTECIMIENTOS Y SERVICIOS GENERALES.													
OFICINA SOLICITANTE:		JEFATURA DE UNIDAD DEPARTAMENTAL DE CONTROL VEHICULAR Y TALLERES.													
Part.	Concepto	MOTOR	Cant.	U/M	TIEMPO DE ENTREGA Y GARANTIA	SERVICIOS CORPORATIVOS KEMPLER S.A. DE C.V.		SERVICIOS MOTRICES INTEGRALES S.A. DE C.V.		SERVICIOS JORO, S.A. DE C.V.		TCI, S.A. DE C.V.		PROMEDIO DE PRECIOS	
						P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe
4		MOTOR: NAVISTAR	1	SERVICIO	05 DIAS HABLES/90 DIAS HABLES	\$41,179.96	\$41,179.96	\$38,378.34	\$38,378.34	\$42,415.36	\$42,415.36	\$43,238.96	\$43,238.96	\$41,303.15	\$41,303.15
		MOTOR: PERKINS	1	SERVICIO	05 DIAS HABLES/90 DIAS HABLES	\$43,393.00	\$43,393.00	\$40,441.75	\$40,441.75	\$44,694.79	\$44,694.79	\$45,562.65	\$45,562.65	\$43,523.05	\$43,523.05
		MOTOR: PASHER	1	SERVICIO	05 DIAS HABLES/90 DIAS HABLES	\$25,854.59	\$25,854.59	\$24,085.61	\$24,085.61	\$26,630.23	\$26,630.23	\$27,147.32	\$27,147.32	\$25,931.94	\$25,931.94
		MOTOR: CUMMINS 350	1	SERVICIO	05 DIAS HABLES/90 DIAS HABLES	\$30,371.89	\$30,371.89	\$28,305.59	\$28,305.59	\$31,283.05	\$31,283.05	\$31,090.48	\$31,090.48	\$30,462.75	\$30,462.75
		MOTOR: CUMMINS 210	1	SERVICIO	05 DIAS HABLES/90 DIAS HABLES	\$91,762.60	\$91,762.60	\$85,519.67	\$85,519.67	\$94,515.48	\$94,515.48	\$96,350.73	\$96,350.73	\$92,037.12	\$92,037.12
		MOTORES ELECTRONICOS													
		MOTOR: CATERPILLAR ELECTRONICO	1	SERVICIO	05 DIAS HABLES/90 DIAS HABLES	\$13,883.34	\$13,883.34	\$12,193.23	\$12,193.23	\$13,075.84	\$13,075.84	\$13,737.51	\$13,737.51	\$13,122.48	\$13,122.48
		MOTOR: CATERPILLAR BICOMBUSTIBLE	1	SERVICIO	05 DIAS HABLES/90 DIAS HABLES	\$109,773.81	\$109,773.81	\$102,385.51	\$102,385.51	\$113,067.02	\$113,067.02	\$115,262.58	\$115,262.58	\$118,102.21	\$118,102.21
		MOTOR: NAVISTAR ELECTRONICO	1	SERVICIO	05 DIAS HABLES/90 DIAS HABLES	\$138,257.36	\$138,257.36	\$128,851.22	\$128,851.22	\$142,405.88	\$142,405.88	\$145,170.23	\$145,170.23	\$138,678.97	\$138,678.97
		MOTOR: M. BENZ COMMON RAIL	1	SERVICIO	05 DIAS HABLES/90 DIAS HABLES	\$109,157.01	\$109,157.01	\$101,730.67	\$101,730.67	\$112,431.72	\$112,431.72	\$114,614.66	\$114,614.66	\$109,483.56	\$109,483.56
		MOTOR: CUMMINS COMMON RAIL	1	SERVICIO	05 DIAS HABLES/90 DIAS HABLES	\$114,388.15	\$114,388.15	\$106,605.92	\$106,605.92	\$117,819.79	\$117,819.79	\$120,107.56	\$120,107.56	\$114,730.36	\$114,730.36
		MOTOR: CUMMINS ELECTRONICO	1	SERVICIO	05 DIAS HABLES/90 DIAS HABLES	\$153,844.85	\$153,844.85	\$143,378.24	\$143,378.24	\$158,460.20	\$158,460.20	\$161,537.89	\$161,537.89	\$154,385.09	\$154,385.09
	MOTOR: MAXFORCE	1	SERVICIO	05 DIAS HABLES/90 DIAS HABLES	\$137,415.25	\$137,415.25	\$128,066.40	\$128,066.40	\$141,537.71	\$141,537.71	\$144,286.01	\$144,286.01	\$137,826.34	\$137,826.34	
5	EMPAQUE DE MOTOR DIESEL														
	JUEGO DE JUNTAS Y LIGAS EN GENERAL DE MOTOR, CAMBIO DE ACEITE Y FILTROS DE ACEITE, COMBUSTIBLE Y AIRE, LAVADO DE MOTOR.	MOTORES CONVENCIONALES													
		MOTOR: M. BENZ	1	SERVICIO	05 DIAS HABLES/90 DIAS HABLES	\$42,216.97	\$42,216.97	\$39,344.80	\$39,344.80	\$43,463.46	\$43,463.46	\$44,327.62	\$44,327.62	\$42,343.27	\$42,343.27
		MOTOR: CATERPILLAR	1	SERVICIO	05 DIAS HABLES/90 DIAS HABLES	\$43,131.24	\$43,131.24	\$48,196.87	\$48,196.87	\$44,425.18	\$44,425.18	\$45,287.80	\$45,287.80	\$43,260.27	\$43,260.27
		MOTOR: NAVISTAR	1	SERVICIO	05 DIAS HABLES/90 DIAS HABLES	\$32,349.58	\$32,349.58	\$30,148.72	\$30,148.72	\$33,320.07	\$33,320.07	\$33,967.06	\$33,967.06	\$32,446.36	\$32,446.36
		MOTOR: PERKINS	1	SERVICIO	05 DIAS HABLES/90 DIAS HABLES	\$32,414.77	\$32,414.77	\$30,209.48	\$30,209.48	\$33,387.21	\$33,387.21	\$34,035.51	\$34,035.51	\$32,511.74	\$32,511.74
		MOTOR: PHASER	1	SERVICIO	05 DIAS HABLES/90 DIAS HABLES	\$33,620.85	\$33,620.85	\$31,333.58	\$31,333.58	\$34,629.48	\$34,629.48	\$35,301.89	\$35,301.89	\$33,721.43	\$33,721.43
		MOTOR: CUMMINS 350	1	SERVICIO	05 DIAS HABLES/90 DIAS HABLES	\$23,672.19	\$23,672.19	\$22,061.69	\$22,061.69	\$24,382.36	\$24,382.36	\$24,855.88	\$24,855.88	\$23,743.01	\$23,743.01
		MOTOR: CUMMINS 210	1	SERVICIO	05 DIAS HABLES/90 DIAS HABLES	\$33,985.62	\$33,985.62	\$31,673.46	\$31,673.46	\$35,005.19	\$35,005.19	\$35,684.90	\$35,684.90	\$34,087.29	\$34,087.29
		MOTORES ELECTRONICOS													
		MOTOR: CATERPILLAR ELECTRONICO	1	SERVICIO	05 DIAS HABLES/90 DIAS HABLES	\$59,240.07	\$59,240.07	\$55,209.76	\$55,209.76	\$61,017.27	\$61,017.27	\$62,282.07	\$62,282.07	\$59,417.29	\$59,417.29
		MOTOR: CATERPILLAR BICOMBUSTIBLE	1	SERVICIO	05 DIAS HABLES/90 DIAS HABLES	\$57,406.91	\$57,406.91	\$53,501.31	\$53,501.31	\$59,129.12	\$59,129.12	\$60,277.26	\$60,277.26	\$57,578.65	\$57,578.65
		MOTOR: NAVISTAR ELECTRONICO	1	SERVICIO	05 DIAS HABLES/90 DIAS HABLES	\$56,885.37	\$56,885.37	\$53,015.26	\$53,015.26	\$58,591.93	\$58,591.93	\$59,729.64	\$59,729.64	\$57,855.55	\$57,855.55
		MOTOR: M. BENZ COMMON RAIL	1	SERVICIO	05 DIAS HABLES/90 DIAS HABLES	\$60,096.89	\$60,096.89	\$56,008.28	\$56,008.28	\$61,899.80	\$61,899.80	\$63,101.73	\$63,101.73	\$60,276.88	\$60,276.88
		MOTOR: CUMMINS COMMON RAIL	1	SERVICIO	05 DIAS HABLES/90 DIAS HABLES	\$45,693.92	\$45,693.92	\$42,585.28	\$42,585.28	\$47,064.74	\$47,064.74	\$47,978.62	\$47,978.62	\$45,830.62	\$45,830.62
		MOTOR: CUMMINS ELECTRONICO	1	SERVICIO	05 DIAS HABLES/90 DIAS HABLES	\$84,735.11	\$84,735.11	\$78,970.28	\$78,970.28	\$87,277.16	\$87,277.16	\$88,971.87	\$88,971.87	\$84,988.60	\$84,988.60
		MOTOR: MAXFORCE	1	SERVICIO	05 DIAS HABLES/90 DIAS HABLES	\$76,755.21	\$76,755.21	\$71,533.28	\$71,533.28	\$79,057.87	\$79,057.87	\$80,592.97	\$80,592.97	\$76,984.83	\$76,984.83
	REPARACION DE CABEZA DE MOTOR DIESEL														

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CUADRO COMPARATIVO (ESTUDIO DE MERCADO)

NO. DE REQUERIMIENTO:		01-019				P.P.		3552							
PARTIDA		Reparación, mantenimiento y conservación de equipo de transporte destinados a servicios públicos y operación de programas públicos.													
DIRECCIÓN GENERAL:		DIRECCIÓN GENERAL DE RECURSOS MATERIALES, ABASTECIMIENTOS Y SERVICIOS GENERALES.													
OFICINA SOLICITANTE:		JEFATURA DE UNIDAD DEPARTAMENTAL DE CONTROL VEHICULAR Y TALLERES.													
Part.	Concepto	MOTOR	Cant.	U/M	TIEMPO DE ENTREGA Y GARANTIA	SERVICIOS CORPORATIVOS KEMPLER S.A. DE C.V.		SERVICIOS MOTRICES INTEGRALES S.A. DE C.V.		SERVICIOS JORO, S.A. DE C.V.		TCI, S.A. DE C.V.		PROMEDIO DE PRECIOS	
						P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe
6	REPARACIÓN DE CABEZA COMPLETA; INCLUYE CAMBIO DE ASIENTOS, GUÍAS, CUÑAS DE VÁLVULAS, VÁLVULAS, PRUEBA HIDRÁULICA, CAMBIO DE JUEGO DE JUNTAS, SELLOS, JUEGO DE BUZOS, VARILLAS Y BALANCINES, CAMBIO DE ACEITE Y FILTROS DE MOTOR.	MOTORES CONVENCIONALES													
		MOTOR M. BENZ	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$20,252.57	\$20,252.57	\$18,874.72	\$18,874.72	\$20,860.15	\$20,860.15	\$21,265.20	\$21,265.20	\$20,313.16	\$20,313.16
		MOTOR CATERPILLAR	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$20,691.20	\$20,691.20	\$19,283.50	\$19,283.50	\$21,311.94	\$21,311.94	\$21,725.76	\$21,725.76	\$20,753.10	\$20,753.10
		MOTOR NAVISTAR	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$13,829.84	\$13,829.84	\$12,888.95	\$12,888.95	\$14,244.74	\$14,244.74	\$14,521.33	\$14,521.33	\$13,871.21	\$13,871.21
		MOTOR PERKINS	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$13,858.71	\$13,858.71	\$12,915.85	\$12,915.85	\$14,274.47	\$14,274.47	\$14,551.65	\$14,551.65	\$13,900.17	\$13,900.17
		MOTOR PASHER	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$13,687.59	\$13,887.59	\$12,942.77	\$12,942.77	\$14,304.22	\$14,304.22	\$14,581.97	\$14,581.97	\$13,929.14	\$13,929.14
		MOTOR CUMMINS 350	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$20,691.20	\$20,691.20	\$19,283.50	\$19,283.50	\$21,311.94	\$21,311.94	\$21,725.76	\$21,725.76	\$20,753.10	\$20,753.10
		MOTOR CUMMINS 210	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$19,436.56	\$19,436.56	\$18,114.22	\$18,114.22	\$20,019.66	\$20,019.66	\$20,408.39	\$20,408.39	\$19,494.71	\$19,494.71
		MOTORES ELECTRONICOS													
		MOTOR CATERPILLAR ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$63,537.82	\$63,537.82	\$59,215.12	\$59,215.12	\$65,443.95	\$65,443.95	\$66,714.71	\$66,714.71	\$63,727.90	\$63,727.90
		MOTOR CATERPILLAR BICOMBUSTIBLE	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$60,960.17	\$60,960.17	\$56,812.83	\$56,812.83	\$62,788.98	\$62,788.98	\$64,008.18	\$64,008.18	\$61,142.54	\$61,142.54
		MOTOR NAVISTAR ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$60,414.75	\$60,414.75	\$56,304.52	\$56,304.52	\$62,227.19	\$62,227.19	\$63,435.49	\$63,435.49	\$60,595.49	\$60,595.49
		MOTOR M. BENZ COMMON RAIL	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$64,458.01	\$64,458.01	\$60,072.71	\$60,072.71	\$66,391.75	\$66,391.75	\$67,680.91	\$67,680.91	\$64,650.84	\$64,650.84
		MOTOR CUMMINS COMMON RAIL	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$48,519.18	\$48,519.18	\$45,218.25	\$45,218.25	\$49,974.76	\$49,974.76	\$50,945.14	\$50,945.14	\$48,664.33	\$48,664.33
		MOTOR CUMMINS ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$90,887.02	\$90,887.02	\$84,703.66	\$84,703.66	\$93,613.63	\$93,613.63	\$95,431.37	\$95,431.37	\$91,158.92	\$91,158.92
	MOTOR MAXFORCE	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$82,326.46	\$82,326.46	\$76,725.50	\$76,725.50	\$84,796.25	\$84,796.25	\$86,442.78	\$86,442.78	\$82,572.75	\$82,572.75	
7	CAMBIO DE CABEZA DE MOTOR DIESEL														
	CAMBIO DE CABEZA DE MOTOR, CAMBIO DE ASIENTOS, GUÍAS, CUÑAS DE VÁLVULAS, VÁLVULAS, PRUEBA HIDRÁULICA, CAMBIO DE JUEGO DE JUNTAS, SELLOS, JUEGO DE BUZOS, VARILLAS Y BALANCINES, CAMBIO DE ACEITE Y FILTROS DE MOTOR.														
		MOTORES CONVENCIONALES													
		MOTOR M. BENZ	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$63,232.58	\$63,232.58	\$58,930.64	\$58,930.64	\$65,129.56	\$65,129.56	\$66,394.21	\$66,394.21	\$63,421.75	\$63,421.75
		MOTOR CATERPILLAR	1	SERVICIO	30 DIAS HABILES/90 DIAS HABILES	\$64,602.94	\$64,602.94	\$60,207.78	\$60,207.78	\$68,541.03	\$68,541.03	\$67,833.09	\$67,833.09	\$64,796.21	\$64,796.21
		MOTOR NAVISTAR	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$51,305.86	\$51,305.86	\$47,815.34	\$47,815.34	\$52,845.04	\$52,845.04	\$53,871.15	\$53,871.15	\$51,459.35	\$51,459.35
		MOTOR PERKINS	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$52,062.55	\$62,062.55	\$48,520.55	\$48,520.55	\$53,624.43	\$53,624.43	\$54,665.68	\$54,665.68	\$52,218.30	\$52,218.30
		MOTOR PHASER	3	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$53,783.31	\$53,783.31	\$50,124.24	\$50,124.24	\$55,396.81	\$55,396.81	\$56,472.48	\$56,472.48	\$53,944.21	\$53,944.21
		MOTOR CUMMINS 350	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$56,005.19	\$56,005.19	\$52,194.95	\$52,194.95	\$57,685.35	\$57,685.35	\$58,805.45	\$58,805.45	\$56,172.73	\$56,172.73
		MOTOR CUMMINS 210	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$61,299.93	\$61,299.93	\$57,129.48	\$57,129.48	\$63,138.93	\$63,138.93	\$64,364.93	\$64,364.93	\$61,483.32	\$61,483.32
		MOTORES ELECTRONICOS													
		MOTOR CATERPILLAR ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$88,756.81	\$88,756.81	\$82,718.37	\$82,718.37	\$91,419.51	\$91,419.51	\$93,194.65	\$93,194.65	\$89,022.34	\$89,022.34
		MOTOR CATERPILLAR BICOMBUSTIBLE	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$88,778.01	\$88,778.01	\$82,736.26	\$82,736.26	\$91,439.29	\$91,439.29	\$93,214.81	\$93,214.81	\$89,041.59	\$89,041.59

CUADRO COMPARATIVO (ESTUDIO DE MERCADO)

NO. DE REQUERIMIENTO:		01-019				P.P.		3552							
PARTIDA		Reparación, mantenimiento y conservación de equipo de transporte destinados a servicios públicos y operación de programas públicos.													
DIRECCIÓN GENERAL:		DIRECCIÓN GENERAL DE RECURSOS MATERIALES, ABASTECIMIENTOS Y SERVICIOS GENERALES.													
OFICINA SOLICITANTE:		JEFA TURA DE UNIDAD DEPARTAMENTAL DE CONTROL VEHICULAR Y TALLERES.													
Part.	Concepto	MOTOR	Cant.	U/M	TIEMPO DE ENTREGA Y GARANTIA	SERVICIOS CORPORATIVOS KEMPLER S.A. DE C.V.		SERVICIOS MOTRICES INTEGRALES S.A. DE C.V.		SERVICIOS JORO, S.A. DE C.V.		TCI, S.A. DE C.V.		PROMEDIO DE PRECIOS	
						P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe
		MOTOR: NAVISTAR ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$87,967.41	\$87,967.41	\$81,982.68	\$81,982.68	\$90,606.43	\$90,606.43	\$92,365.78	\$92,365.78	\$88,230.57	\$88,230.57
		MOTOR: M. BENZ COMMON RAIL	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$90,038.51	\$90,038.51	\$83,912.87	\$83,912.87	\$92,739.67	\$92,739.67	\$94,540.44	\$94,540.44	\$90,307.87	\$90,307.87
		MOTOR: CUMMINS COMMON RAIL	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$70,862.49	\$70,862.49	\$65,855.07	\$65,855.07	\$72,782.36	\$72,782.36	\$74,195.61	\$74,195.61	\$70,873.88	\$70,873.88
		MOTOR: CUMMINS ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$126,951.49	\$126,951.49	\$118,314.53	\$118,314.53	\$130,760.03	\$130,760.03	\$133,299.06	\$133,299.06	\$127,331.28	\$127,331.28
		MOTOR: MAXFORCE	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$127,247.15	\$127,247.15	\$118,590.08	\$118,590.08	\$131,064.56	\$131,064.56	\$133,609.51	\$133,609.51	\$127,627.82	\$127,627.82
8	REPARACIÓN DE INYECTORES DE DIESEL C/U														
	KIT DE REPUESTO Y CALIBRACION POR LABORATORIO														
	MOTORES CONVENCIONALES														
	MOTOR: M. BENZ	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$10,353.73	\$10,353.73	\$9,667.35	\$9,667.35	\$10,664.34	\$10,664.34	\$10,871.42	\$10,871.42	\$10,389.21	\$10,389.21	
	MOTOR: CATERPILLAR	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$10,264.67	\$10,264.67	\$9,584.19	\$9,584.19	\$10,572.61	\$10,572.61	\$10,777.90	\$10,777.90	\$10,299.84	\$10,299.84	
	MOTOR: NAVISTAR	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$10,337.03	\$10,337.03	\$9,651.76	\$9,651.76	\$10,647.14	\$10,647.14	\$10,853.88	\$10,853.88	\$10,372.45	\$10,372.45	
	MOTOR: PERKINS	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$10,504.03	\$10,504.03	\$9,807.68	\$9,807.68	\$10,819.15	\$10,819.15	\$11,029.23	\$11,029.23	\$10,540.02	\$10,540.02	
	MOTOR: PHASER	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$9,574.42	\$9,574.42	\$8,939.70	\$8,939.70	\$9,861.65	\$9,861.65	\$10,053.14	\$10,053.14	\$9,607.23	\$9,607.23	
	MOTOR: CUMMINS 350	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$14,818.08	\$14,818.08	\$13,835.75	\$13,835.75	\$15,262.62	\$15,262.62	\$15,558.98	\$15,558.98	\$14,868.86	\$14,868.86	
	MOTOR: CUMMINS 210	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$10,531.86	\$10,531.86	\$9,833.67	\$9,833.67	\$10,847.82	\$10,847.82	\$11,058.45	\$11,058.45	\$10,567.95	\$10,567.95	
	MOTORES ELECTRONICOS														
	MOTOR: CATERPILLAR ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$14,923.85	\$14,923.85	\$13,934.50	\$13,934.50	\$15,371.57	\$15,371.57	\$15,670.04	\$15,670.04	\$14,974.99	\$14,974.99	
	MOTOR: CATERPILLAR BICOMBUSTIBLE	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$13,971.97	\$13,971.97	\$13,045.73	\$13,045.73	\$14,391.13	\$14,391.13	\$14,670.57	\$14,670.57	\$14,019.85	\$14,019.85	
	MOTOR: NAVISTAR ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$14,818.08	\$14,818.08	\$13,835.75	\$13,835.75	\$15,262.62	\$15,262.62	\$15,558.98	\$15,558.98	\$14,868.86	\$14,868.86	
	MOTOR: M. BENZ COMMON RAIL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$18,180.26	\$18,180.26	\$16,975.04	\$16,975.04	\$18,725.67	\$18,725.67	\$19,089.27	\$19,089.27	\$18,242.56	\$18,242.56	
	MOTOR: CUMMINS COMMON RAIL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$14,923.85	\$14,923.85	\$13,934.50	\$13,934.50	\$15,371.57	\$15,371.57	\$15,670.04	\$15,670.04	\$14,974.99	\$14,974.99	
	MOTOR: CUMMINS ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$18,180.26	\$18,180.26	\$16,975.04	\$16,975.04	\$18,725.67	\$18,725.67	\$19,089.27	\$19,089.27	\$18,242.56	\$18,242.56	
	MOTOR: MAXFORCE	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$18,180.26	\$18,180.26	\$16,975.04	\$16,975.04	\$18,725.67	\$18,725.67	\$19,089.27	\$19,089.27	\$18,242.56	\$18,242.56	
9	CAMBIO DE INYECTOR														
	DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$10,734.81	\$10,734.81	\$10,023.16	\$10,023.16	\$11,056.85	\$11,056.85	\$11,271.55	\$11,271.55	\$10,771.59	\$10,771.59	
	DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$21,361.04	\$21,361.04	\$19,944.95	\$19,944.95	\$22,001.87	\$22,001.87	\$22,429.09	\$22,429.09	\$21,434.24	\$21,434.24	
10	CAMBIO DE SENSOR DE RIEL DE INYECTORES														
	DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$16,922.23	\$16,922.23	\$15,800.40	\$15,800.40	\$17,429.90	\$17,429.90	\$17,768.34	\$17,768.34	\$16,980.22	\$16,980.22	
11	CAMBIO DE VALVULA IPR (SELENOIDE)														
	DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$17,478.88	\$17,478.88	\$16,320.15	\$16,320.15	\$18,003.25	\$18,003.25	\$18,352.82	\$18,352.82	\$17,538.78	\$17,538.78	
12	CAMBIO DE SENSORES GEMELOS														
	DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$17,645.88	\$17,645.88	\$16,476.08	\$16,476.08	\$18,175.26	\$18,175.26	\$18,528.17	\$18,528.17	\$17,706.35	\$17,706.35	

CUADRO COMPARATIVO (ESTUDIO DE MERCADO)

NO. DE REQUERIMIENTO:		01-019				P.P.		3552							
PARTIDA		Reparación, mantenimiento y conservación de equipo de transporte destinados a servicios públicos y operación de programas públicos.													
DIRECCIÓN GENERAL:		DIRECCIÓN GENERAL DE RECURSOS MATERIALES, ABASTECIMIENTOS Y SERVICIOS GENERALES.													
OFICINA SOLICITANTE:		JEFATURA DE UNIDAD DEPARTAMENTAL DE CONTROL VEHICULAR Y TALLERES.													
Part.	Concepto	MOTOR	Cant.	U/M	TIEMPO DE ENTREGA Y GARANTIA	SERVICIOS CORPORATIVOS KEMPLER S.A. DE C.V.		SERVICIOS MOTRICES INTEGRALES S.A. DE C.V.		SERVICIOS JORO, S.A. DE C.V.		TCI, S.A. DE C.V.		PROMEDIO DE PRECIOS	
						P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe
13	CAMBIO DE DISTRIBUCION COMPLETA														
	CAMBIO DE FLECHA IMPULSORA, ENGRANE DE BRONCE, CUBREPOLVOS, GASKET PARA INYECTOR, PISTA DE ENGRANE DE BRONCE, CONJUNTO DE JUNTAS PARA TAPA DE DISTRIBUCION Y														
		DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$37,078.02	\$37,078.02	\$34,620.00	\$34,620.00	\$38,190.36	\$38,190.36	\$38,931.92	\$38,931.92	\$37,205.08	\$37,205.08
		DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$39,221.03	\$39,221.03	\$36,621.00	\$36,621.00	\$48,387.72	\$48,397.72	\$41,182.14	\$41,182.14	\$38,355.49	\$39,355.48
14	CAMBIO DE ACEITE Y FILTROS														
	LAVADO Y ENGRASADO, CAMBIO DE ACEITE DE MOTOR Y FILTRO, CAMBIO DE FILTROS DE COMBUSTIBLE Y AIRE, REPUESTO DE FILTRO SEDIMENTADORA														
	MOTORES CONVENCIONALES														
	MOTOR: M. BENZ	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$15,586.26	\$15,586.26	\$14,553.00	\$14,553.00	\$16,053.85	\$16,053.85	\$16,365.57	\$16,365.57	\$15,638.67	\$15,638.67	
	MOTOR: CATERPILLAR	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$17,812.87	\$17,812.87	\$16,632.00	\$16,632.00	\$18,347.26	\$18,347.26	\$18,703.51	\$18,783.51	\$17,873.91	\$17,873.91	
	MOTOR: NAVISTAR	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$15,586.26	\$15,586.26	\$14,553.00	\$14,553.00	\$16,053.85	\$16,053.85	\$16,365.57	\$16,365.57	\$15,638.67	\$15,638.67	
	MOTOR: PERKINS	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$15,586.26	\$15,586.26	\$14,553.00	\$14,553.00	\$16,053.85	\$16,053.85	\$16,365.57	\$16,365.57	\$15,638.67	\$15,638.67	
	MOTOR: PHASER	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$15,586.26	\$15,586.26	\$14,553.00	\$14,553.00	\$16,053.85	\$16,853.45	\$16,365.57	\$16,365.57	\$15,638.67	\$15,638.67	
	MOTOR: CUMMINS 350	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$17,812.87	\$17,812.97	\$16,632.88	\$16,632.00	\$18,347.26	\$18,347.26	\$18,703.51	\$18,703.51	\$17,873.91	\$17,873.91	
	MOTOR: CUMMINS 210	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$17,812.67	\$17,812.87	\$16,632.00	\$16,632.00	\$18,347.26	\$18,347.26	\$18,703.51	\$18,703.51	\$17,873.91	\$17,873.91	
	MOTORES ELECTRONICOS														
	MOTOR: CATERPILLAR ELECTRONICO	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$25,606.00	\$25,606.00	\$23,908.50	\$23,906.50	\$26,374.18	\$26,374.18	\$26,886.30	\$26,886.30	\$25,693.75	\$25,693.75	
	MOTOR: CATERPILLAR B/COMBUSTIBLE	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$22,266.09	\$22,266.08	\$20,790.00	\$26,790.00	\$22,934.07	\$22,934.07	\$23,378.39	\$23,379.39	\$22,342.38	\$22,342.38	
	MOTOR: NAVISTAR ELECTRONICO	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$22,266.09	\$22,266.09	\$20,790.00	\$26,790.00	\$22,934.07	\$22,934.07	\$23,379.39	\$23,379.39	\$22,342.39	\$22,342.39	
	MOTOR: M. BENZ COMMON RAIL	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$25,606.00	\$25,606.00	\$23,908.50	\$23,908.50	\$26,374.18	\$26,374.18	\$26,886.30	\$26,886.30	\$25,693.75	\$25,693.75	
MOTOR: CUMMINS COMMON RAIL	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$22,266.09	\$22,266.09	\$20,780.00	\$20,790.00	\$22,934.67	\$22,934.07	\$23,379.39	\$23,378.39	\$22,342.38	\$22,342.38		
MOTOR: CUMMINS ELECTRONICO	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$25,606.00	\$25,606.80	\$23,908.50	\$23,908.58	\$26,374.18	\$26,374.18	\$26,886.30	\$26,886.30	\$25,693.75	\$25,693.75		
	MOTOR MAXFORCE	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$25,606.00	\$25,606.00	\$23,908.50	\$23,908.50	\$26,374.18	\$26,374.18	\$26,886.30	\$26,886.30	\$25,693.75	\$25,693.75	
15	REPARACION MAYOR DE BOMBA DE INYECCION														
	JUNTAS, ASPAS DE CARBON, EXCENTRICO, VALVULA DOSIFICADORA, ARBOL DE LEVAS, RODILLOS Y ZAPATAS, PERILLA DE AVANCE, FLECHA PRINCIPAL, FLECHA DE ACELERADOR, TORNILLO DE VALVULA DE RETORNO, Y CALIBRACION EN LABORATORIO	DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$28,473.98	\$28,473.98	\$26,611.20	\$26,611.20	\$29,328.20	\$29,328.28	\$29,887.68	\$29,897.68	\$28,577.76	\$28,577.76
16	REPARACION MAYOR DE BOMBA DE COMBUSTIBLE (ALTA PRESION)														
	KIT DE REPUESTO Y CALIBRACION EN LABORATORIO	DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$48,383.53	\$48,383.53	\$45,218.25	\$45,218.25	\$48,835.04	\$49,835.04	\$50,802.71	\$50,802.71	\$48,559.88	\$48,559.88
17	CAMBIO DE BOMBA DE COMBUSTIBLE (ALTA PRESION)														
		DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES			\$68,399.10	\$68,399.10					\$22,799.70	\$22,799.70
18	CAMBIO DE BOMBA CE840DRA														

CUADRO COMPARATIVO (ESTUDIO DE MERCADO)

NO. DE REQUERIMIENTO:		01-019				P.P.		3552								
PARTIDA		Reparación, mantenimiento y conservación de equipo de transporte destinados a servicios públicos y operación de programas públicos.														
DIRECCIÓN GENERAL:		DIRECCIÓN GENERAL DE RECURSOS MATERIALES, ABASTECIMIENTOS Y SERVICIOS GENERALES.														
OFICINA SOLICITANTE:		JEFATURA DE UNIDAD DEPARTAMENTAL DE CONTROL VEHICULAR Y TALLERES.														
Part.	Concepto	MOTOR	Cant.	U/M	TIEMPO DE ENTREGA Y GARANTIA	SERVICIOS CORPORATIVOS KEMPLER S.A. DE C.V.		SERVICIOS MOTRICES INTEGRALES S.A. DE C.V.		SERVICIOS JORO, S.A. DE C.V.		TCI, S.A. DE C.V.		PROMEDIO DE PRECIOS		
						P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe	
		DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$8,214.08	\$8,214.08	57,876.71	\$7,676.71	\$8,460.50	\$8,460.50	\$8,624.78	\$8,624.78	\$8,244.02	\$8,244.02	
		DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$19,281.11	\$19,281.11	\$18,019.73	\$18,019.73	\$19,859.54	\$19,959.54	\$20,245.17	\$20,245.17	\$19,351.39	\$19,351.39	
19	CAMBIO DE BOMBA DE ELEVACION															
		DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$949.02	\$949.02	\$886.94	\$886.94	\$977.49	\$977.49	\$996.47	\$996.47	\$952.49	\$952.48	
20	CAMBIO DE BOMBA DE TRANSFERENCIA															
		DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$44,679.69	\$44,679.69	\$41,756.72	\$41,756.72	\$46,020.08	\$46,020.08	\$46,913.67	\$46,913.67	\$44,842.54	\$44,842.54	
21	CAMBIO DE BOMBA DE PARO															
		DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$3,892.93	\$3,892.93	\$3,638.25	\$3,638.25	\$4,009.72	\$4,009.72	\$4,087.58	\$4,087.58	\$3,907.12	\$3,907.12	
22	CAMBIO DE PEGAL CON SENSOR DE ACELERADOR															
		DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$17,351.33	\$17,351.33	\$16,216.20	\$16,216.20	\$17,871.87	\$17,871.87	\$18,218.90	\$18,218.90	\$17,414.57	\$17,414.57	
23	CAMBIO DE CHCOTE DE ACELERADOR															
		DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$3,892.93	\$3,892.93	\$3,638.25	\$3,638.25	\$4,009.72	\$4,009.72	\$4,087.58	\$4,087.58	\$3,907.12	\$3,907.12	
24	CAMBIO DE MECANISMO DE ACELERADOR															
		DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$9,454.25	\$9,454.25	\$8,835.75	\$8,835.75	\$9,737.68	\$9,737.68	\$9,926.96	\$9,926.96	\$9,488.71	\$9,488.71	
25	CAMBIO DE ENFRIADOR DE ACEITE															
	CAMBIO DE ENFRIADOR DE ACEITE, CAMBIO DE ACEITE DE MOTOR, CAMBIO DE FILTROS DE ACEITE Y CAMBIO DE JUNTAS DE ENFRIADOR															
		MOTORES CONVENCIONALES														
		MOTOR: M. BENZ	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$10,533.15	\$10,533.15	\$9,844.07	\$9,844.07	\$10,849.14	\$10,849.14	\$11,059.81	\$11,059.81	\$10,571.54	\$10,571.54	
		MOTOR: CATERPILLAR	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$10,761.16	\$10,761.16	\$10,057.16	\$10,057.16	\$11,083.99	\$11,083.99	\$11,299.22	\$11,299.22	\$10,800.38	\$10,800.38	
		MOTOR: NAVISTAR	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$5,711.48	\$5,711.48	\$5,337.83	\$5,337.83	\$5,882.82	\$5,882.82	\$5,997.05	\$5,997.05	\$5,732.30	\$5,732.30	
		MOTOR: PERKINS	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$5,722.80	\$5,722.80	\$5,348.23	\$5,348.23	\$5,894.28	\$5,894.28	\$6,006.73	\$6,006.73	\$5,743.46	\$5,743.46	
		MOTOR: PHASER	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$5,733.73	\$5,733.73	\$5,358.62	\$5,358.62	\$5,905.74	\$5,905.74	\$6,020.42	\$6,020.42	\$5,754.63	\$5,754.63	
		MOTOR: CUMMINS 350	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$10,761.16	\$10,761.16	\$10,057.16	\$10,057.16	\$11,083.99	\$11,083.99	\$11,299.22	\$11,299.22	\$10,800.38	\$10,800.38	
		MOTOR: CUMMINS 210	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$10,110.49	\$10,110.49	\$9,449.06	\$9,449.06	\$10,413.80	\$10,413.80	\$10,616.01	\$10,616.01	\$10,147.34	\$10,147.34	
		MOTORES ELECTRONICOS														
		MOTOR: CATERPILLAR ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$33,294.92	\$33,294.92	\$31,116.75	\$31,116.75	\$34,293.77	\$34,293.77	\$34,959.67	\$34,959.67	\$33,416.28	\$33,416.28	
		MOTOR: CATERPILLAR BIDIOMBUSTIBLE	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$34,018.63	\$34,018.63	\$31,793.11	\$31,793.11	\$35,039.19	\$35,039.19	\$35,719.56	\$35,719.56	\$34,142.62	\$34,142.62	
		MOTOR: NAVISTAR ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$33,707.19	\$33,707.19	\$31,502.05	\$31,502.05	\$34,718.41	\$34,718.41	\$35,392.55	\$35,392.55	\$33,830.05	\$33,830.05	
		MOTOR: M. BENZ COMMON RAIL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$33,779.49	\$33,779.49	\$31,569.62	\$31,569.62	\$34,792.87	\$34,792.87	\$35,468.46	\$35,468.46	\$33,902.61	\$33,902.61	
		MOTOR: CUMMINS COMMON RAIL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$27,072.53	\$27,072.53	\$25,301.43	\$25,301.43	\$27,884.71	\$27,884.71	\$28,426.16	\$28,426.16	\$27,171.21	\$27,171.21	
	MOTOR: CUMMINS ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$47,627.19	\$47,627.19	\$44,511.39	\$44,511.39	\$49,056.01	\$49,056.01	\$50,008.55	\$50,008.55	\$47,800.78	\$47,800.78		
		MOTOR MAXFORCE	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$43,139.20	\$43,139.20	\$40,317.01	\$40,317.01	\$44,433.38	\$44,433.38	\$45,296.16	\$45,296.16	\$43,296.44	\$43,296.44	
	REPARACION DE SISTEMA DE ESCAPE GENERAL															

CUADRO COMPARATIVO (ESTUDIO DE MERCADO)

NO. DE REQUERIMIENTO:		01-019				P.P.				3552						
PARTIDA		Reparación, mantenimiento y conservación de equipo de transporte destinados a servicios públicos y operación de programas públicos.														
DIRECCIÓN GENERAL:		DIRECCIÓN GENERAL DE RECURSOS MATERIALES, ABASTECIMIENTOS Y SERVICIOS GENERALES.														
OFICINA SOLICITANTE:		JEFATURA DE UNIDAD DEPARTAMENTAL DE CONTROL VEHICULAR Y TALLERES.														
Part.	Concepto	MOTOR	Cant.	U/M	TIEMPO DE ENTREGA Y GARANTIA	SERVICIOS CORPORATIVOS KEMPLER S.A. DE C.V.		SERVICIOS MOTRICES INTEGRALES S.A. DE C.V.		SERVICIOS JORO, S.A. DE C.V.		TCI, S.A. DE C.V.		PROMEDIO DE PRECIOS		
						P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe	
26	REPARACIÓN DE SISTEMA DE ESCAPE, SILENCIADOR, TUBOS, JUNTAS, SUJETADORES Y ABRAZADERAS.															
		MOTORES CONVENCIONALES														
		MOTOR: M. BENZ	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$8,341.99	\$8,341.99	\$7,796.25	\$7,796.25	\$8,592.25	\$8,592.25	\$8,759.09	\$8,759.09	\$8,372.39	\$8,372.39	
		MOTOR: CATERPILLAR	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$8,341.99	\$8,341.99	\$7,796.25	\$7,796.25	\$8,532.25	\$8,592.25	\$8,759.09	\$8,759.09	\$8,372.39	\$8,372.39	
		MOTOR: NAVISTAR	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$8,341.99	\$8,341.99	\$7,796.25	\$7,796.25	\$8,592.25	\$8,592.25	\$8,759.09	\$8,759.09	\$8,372.39	\$8,372.39	
		MOTOR: PERKINS	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$8,341.99	\$8,341.99	\$7,796.25	\$7,796.25	\$8,592.25	\$8,592.25	\$8,759.09	\$8,759.09	\$8,372.39	\$8,372.39	
		MOTOR: PHASER	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$8,341.99	\$8,341.99	\$7,796.25	\$7,796.25	\$8,592.25	\$8,592.25	\$8,759.09	\$8,759.09	\$8,372.39	\$8,372.39	
		MOTOR: CUMMINS 350	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$8,341.99	\$8,341.99	\$7,796.25	\$7,796.25	\$8,592.25	\$8,592.25	\$8,759.09	\$8,759.09	\$8,372.39	\$8,372.39	
		MOTOR: CUMMINS 210	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$8,341.99	\$8,341.99	\$7,796.25	\$7,796.25	\$8,592.25	\$8,592.25	\$8,759.09	\$8,759.09	\$8,372.39	\$8,372.39	
		MOTORES ELECTRONICOS														
		MOTOR: CATERPILLAR ELECTRONICO	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$13,903.31	\$13,903.31	\$12,993.75	\$12,993.75	\$14,320.41	\$14,320.41	\$14,598.48	\$14,598.48	\$13,953.99	\$13,953.99	
		MOTOR: CATERPILLAR BICOMBUSTIBLE	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$13,903.31	\$13,903.31	\$12,993.75	\$12,993.75	\$14,320.41	\$14,320.41	\$14,598.48	\$14,598.48	\$13,953.99	\$13,953.99	
		MOTOR: NAVISTAR ELECTRONICO	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$13,903.31	\$13,903.31	\$12,993.75	\$12,993.75	\$14,320.41	\$14,320.41	\$14,598.48	\$14,598.48	\$13,953.99	\$13,953.99	
		MOTOR: M. BENZ COMMON RAIL	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$13,903.31	\$13,903.31	\$12,993.75	\$12,993.75	\$14,320.41	\$14,320.41	\$14,598.48	\$14,598.48	\$13,953.99	\$13,953.99	
		MOTOR: CUMMINS COMMON RAIL	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$13,903.31	\$13,903.31	\$12,993.75	\$12,993.75	\$14,320.41	\$14,320.41	\$14,598.48	\$14,598.48	\$13,953.99	\$13,953.99	
		MOTOR: CUMMINS ELECTRONICO	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$13,903.31	\$13,903.31	\$12,993.75	\$12,993.75	\$14,320.41	\$14,320.41	\$14,598.48	\$14,598.48	\$13,953.99	\$13,953.99	
		MOTOR: MAXFORCE	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$13,903.31	\$13,903.31	\$12,993.75	\$12,993.75	\$14,320.41	\$14,320.41	\$14,598.48	\$14,598.48	\$13,953.99	\$13,953.99	
27	CAMBIO DE FAN CLUTCH	DIESEL ELECTRONICO	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$36,593.52	\$36,593.52	\$34,199.55	\$34,199.55	\$37,691.33	\$37,691.33	\$38,423.20	\$38,423.20	\$36,726.90	\$36,726.90	
28	CAMBIO DE VENTILADOR Y CAMBIO DE BANDAS	DIESEL CONVENCIONAL	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$10,544.38	\$10,544.38	\$9,854.57	\$9,854.57	\$10,868.71	\$10,868.71	\$11,071.60	\$11,071.60	\$10,592.81	\$10,592.81	
		DIESEL ELECTRONICO	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$16,594.99	\$16,594.99	\$15,509.34	\$15,509.34	\$17,092.84	\$17,092.84	\$17,424.74	\$17,424.74	\$16,655.48	\$16,655.48	
29	SERVICIO A RADIADOR, SONDEAR RADIADOR, REPARAR FUGAS, LIMPEZA EXTERIOR DE PANEL, REVISAR DEFLECTORES, CAMBIO DE TAPÓN Y CAMBIAR REFRIGERANTE, CAMBIO DE MANGUERAS Y ABRAZADERAS, PINTURA EXTERIOR.	MOTORES CONVENCIONALES														
		MOTOR: M. BENZ	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$4,469.01	\$4,469.01	\$4,176.65	\$4,176.65	\$4,603.08	\$4,603.08	\$4,692.46	\$4,692.46	\$4,485.30	\$4,485.30	
		MOTOR: CATERPILLAR	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$4,565.61	\$4,565.61	\$4,266.93	\$4,266.93	\$4,702.58	\$4,762.58	\$4,793.89	\$4,783.69	\$4,582.25	\$4,582.25	
		MOTOR: NAVISTAR	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$3,648.03	\$3,648.03	\$3,409.37	\$3,409.37	\$3,757.47	\$3,757.47	\$3,830.43	\$3,830.43	\$3,661.33	\$3,661.33	
		MOTOR: PERKINS	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$3,653.60	\$3,653.60	\$3,414.58	\$3,414.58	\$3,763.21	\$3,763.21	\$3,836.28	\$3,836.28	\$3,666.92	\$3,666.92	
		MOTOR: PHASER	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$3,662.88	\$3,662.88	\$3,423.25	\$3,423.25	\$3,772.77	\$3,772.77	\$3,846.02	\$3,846.02	\$3,676.23	\$3,676.23	
		MOTOR: CUMMINS 350	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$4,565.61	\$4,565.61	\$4,266.93	\$4,266.93	\$4,702.58	\$4,702.58	\$4,793.89	\$4,793.89	\$4,582.25	\$4,582.25	
		MOTOR: CUMMINS 210	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$4,288.86	\$4,288.86	\$4,009.28	\$4,008.28	\$4,417.53	\$4,417.53	\$4,503.30	\$4,503.30	\$4,304.49	\$4,304.49	
		MOTORES ELECTRONICOS														
		MOTOR: CATERPILLAR ELECTRONICO	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$6,883.69	\$6,883.68	\$6,433.35	\$6,433.35	\$7,090.19	\$7,090.19	\$7,227.86	\$7,227.86	\$6,908.77	\$6,908.77	
		MOTOR: CATERPILLAR BICOMBUSTIBLE	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$7,032.30	\$7,032.30	\$6,572.24	\$6,572.24	\$7,243.27	\$7,243.27	\$7,383.92	\$7,383.92	\$7,057.93	\$7,057.93	
		MOTOR: NAVISTAR ELECTRONICO	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$3,632.31	\$3,632.31	\$3,394.68	\$3,394.68	\$3,741.28	\$3,741.28	\$3,813.93	\$3,813.93	\$3,645.55	\$3,645.55	

CUADRO COMPARATIVO (ESTUDIO DE MERCADO)

NO. DE REQUERIMIENTO:		01-019				P.P.				3552					
PARTIDA		Reparación, mantenimiento y conservación de equipo de transporte destinados a servicios públicos y operación de programas públicos.													
DIRECCIÓN GENERAL:		DIRECCIÓN GENERAL DE RECURSOS MATERIALES, ABASTECIMIENTOS Y SERVICIOS GENERALES.													
OFICINA SOLICITANTE:		JEFATURA DE UNIDAD DEPARTAMENTAL DE CONTROL VEHICULAR Y TALLERES.													
Part.	Concepto	MOTOR	Cant.	U/M	TIEMPO DE ENTREGA Y GARANTIA	SERVICIOS CORPORATIVOS KEMPLER S.A. DE C.V.		SERVICIOS MOTRICES INTEGRALES S.A. DE C.V.		SERVICIOS JORO, S.A. DE C.V.		TCI, S.A. DE C.V.		PROMEDIO DE PRECIOS	
						P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe
30	CAMBIO DE RADIADOR, SOLDAR BASE, CAMBIO DE TAPÓN Y CAMBIO DE REFRIGERANTE, CAMBIO DE MANGUERAS Y ABRAZADERAS	MOTOR: M. BENZ COMMON RAIL	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$6,984.00	\$6,984.00	\$6,527.10	\$6,527.10	\$7,193.52	\$7,193.52	\$7,333.20	\$7,333.20	\$7,009.46	\$7,009.46
		MOTOR: CUMMINS COMMON RAIL	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$6,997.01	\$6,997.01	\$6,539.26	\$6,539.26	\$7,206.92	\$7,206.92	\$7,346.86	\$7,346.86	\$7,022.51	\$7,022.51
		MOTOR: CUMMINS ELECTRONICO	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$9,848.14	\$9,848.14	\$9,203.87	\$9,203.87	\$10,143.59	\$10,143.59	\$10,340.55	\$10,340.55	\$9,864.04	\$9,864.04
		MOTOR MAXFORCE	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$8,919.44	\$6,919.44	\$8,335.93	\$6,335.93	\$9,167.02	\$9,187.02	\$9,365.41	\$9,365.41	\$8,951.95	\$8,951.95
		MOTORES CONVENCIONALES													
		MOTOR: M. BENZ	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$13,903.31	\$13,603.31	\$12,993.75	\$12,993.75	\$14,320.41	\$14,320.41	\$14,598.48	\$14,598.48	\$13,953.99	\$13,953.99
		MOTOR: CATERPILLAR	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$13,903.31	\$13,903.31	\$12,993.75	\$12,993.75	\$14,320.41	\$14,320.41	\$14,598.48	\$14,598.48	\$13,953.99	\$13,953.99
		MOTOR: NAVISTAR	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$13,903.31	\$13,903.31	\$12,993.75	\$12,993.75	\$14,320.41	\$14,320.41	\$14,598.48	\$14,598.48	\$13,953.99	\$13,953.99
		MOTOR: PERKINS	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$13,903.31	\$13,903.31	\$12,993.75	\$12,993.75	\$14,320.41	\$14,320.41	\$14,598.48	\$14,598.48	\$13,953.99	\$13,953.99
		MOTOR: PHASER	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$13,903.31	\$13,903.31	\$12,993.75	\$12,993.75	\$14,320.41	\$14,320.41	\$14,598.48	\$14,598.48	\$13,953.99	\$13,953.99
		MOTOR: CUMMINS 350	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$13,903.31	\$13,903.31	\$12,993.75	\$12,993.75	\$14,320.41	\$14,320.41	\$14,598.48	\$14,598.48	\$13,953.99	\$13,953.99
		MOTOR: CUMMINS 210	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$13,903.31	\$13,903.31	\$12,993.75	\$12,993.75	\$14,320.41	\$14,320.41	\$14,598.49	\$14,598.48	\$13,953.99	\$13,953.99
		MOTORES ELECTRONICOS													
		MOTOR: CATERPILLAR ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$28,918.89	\$28,918.89	\$27,027.00	\$27,027.00	\$29,786.46	\$29,786.46	\$30,364.83	\$30,364.83	\$29,024.30	\$29,024.30
		MOTOR: CATERPILLAR 81COMBUSTIBLE	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$28,918.89	\$28,918.89	\$27,027.00	\$27,027.00	\$29,786.46	\$29,786.46	\$30,364.83	\$30,364.83	\$29,024.30	\$29,024.30
		MOTOR: NAVISTAR ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$28,918.89	\$28,918.89	\$27,027.00	\$27,027.00	\$29,786.46	\$29,786.46	\$30,364.83	\$30,364.83	\$29,024.30	\$29,024.30
		31	CAMBIO DE BOMBA DE AGUA, CAMBIO DE ABRAZADERAS Y MANGUERAS, CAMBIO DE REFRIGERANTE.	MOTOR: M. BENZ COMMON RAIL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$28,918.89	\$28,918.89	\$27,027.00	\$27,027.00	\$29,786.46	\$29,786.46	\$30,364.83	\$30,364.83
MOTOR: CUMMINS COMMON RAIL	1			SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$28,918.89	\$28,918.89	\$27,027.00	\$27,027.00	\$29,786.46	\$29,786.46	\$30,364.83	\$30,364.83	\$29,024.30	\$29,024.30
MOTOR: CUMMINS ELECTRONICO	1			SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$28,918.89	\$28,918.89	\$27,027.00	\$27,027.00	\$29,786.46	\$29,786.46	\$30,364.83	\$30,364.83	\$29,024.30	\$29,024.30
MOTOR MAXFORCE	1			SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$28,918.89	\$26,918.89	\$27,027.00	\$27,027.00	\$29,786.46	\$29,786.46	\$30,364.83	\$30,364.83	\$29,024.30	\$29,024.30
MOTORES CONVENCIONALES															
MOTOR: M. BENZ	1			SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$6,784.82	\$6,784.82	\$6,340.95	\$6,340.95	\$6,988.36	\$6,988.36	\$7,124.06	\$7,124.06	\$6,809.55	\$6,809.55
MOTOR: CATERPILLAR	1			SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$6,940.53	\$6,940.53	\$6,486.48	\$6,486.48	\$7,148.75	\$7,148.75	\$7,287.56	\$7,287.56	\$6,965.83	\$6,965.83
MOTOR: NAVISTAR	1			SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$4,193.24	\$4,193.24	\$3,918.92	\$3,918.92	\$4,319.04	\$4,319.04	\$4,402.90	\$4,402.90	\$4,208.52	\$4,208.52
MOTOR: PERKINS	1			SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$4,204.36	\$4,204.36	\$3,929.31	\$3,929.31	\$4,330.49	\$4,330.49	\$4,414.58	\$4,414.58	\$4,219.68	\$4,219.68
MOTOR: PHASER	1			SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$4,208.92	\$4,208.92	\$3,934.51	\$3,934.51	\$4,336.22	\$4,336.22	\$4,420.42	\$4,420.42	\$4,225.27	\$4,225.27
MOTOR: CUMMINS 350	1			SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$6,940.53	\$6,940.53	\$6,486.48	\$6,486.48	\$7,148.75	\$7,148.75	\$7,287.56	\$7,287.56	\$6,965.83	\$6,965.83
MOTOR: CUMMINS 210	1			SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$6,523.43	\$6,523.43	\$6,096.67	\$6,096.67	\$6,719.13	\$6,719.13	\$6,849.60	\$6,849.60	\$6,547.21	\$6,547.21
MOTORES ELECTRONICOS															
MOTOR: CATERPILLAR ELECTRONICO	1			SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$17,323.53	\$17,323.53	\$16,190.21	\$16,190.21	\$17,843.24	\$17,843.24	\$18,189.71	\$18,189.71	\$17,386.67	\$17,386.67
MOTOR: CATERPILLAR 81COMBUSTIBLE	1			SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$14,476.13	\$14,476.13	\$13,529.09	\$13,529.09	\$14,910.41	\$14,910.41	\$15,199.94	\$15,199.94	\$14,523.89	\$14,523.89
MOTOR: NAVISTAR ELECTRONICO	1	SERVICIO	43 DIAS HABILES/90 DIAS HABILES	\$14,348.22	\$14,348.22	\$13,409.55	\$13,409.55	\$14,778.67	\$14,778.67	\$15,065.63	\$15,065.63	\$14,400.52	\$14,400.52		

CUADRO COMPARATIVO (ESTUDIO DE MERCADO)

NO. DE REQUERIMIENTO:		D1-019				P.P.				3552					
PARTIDA		Reparación, mantenimiento y conservación de equipo de transporte destinados a servicios públicos y operación de programas públicos.													
DIRECCIÓN GENERAL:		DIRECCIÓN GENERAL DE RECURSOS MATERIALES, ABASTECIMIENTOS Y SERVICIOS GENERALES.													
OFICINA SOLICITANTE:		JEFATURA DE UNIDAD DEPARTAMENTAL DE CONTROL VEHICULAR Y TALLERES.													
Part.	Concepto	MOTOR	Cant.	U/M	TIEMPO DE ENTREGA Y GARANTIA	SERVICIOS CORPORATIVOS KEMPLER S.A. DE C.V.		SERVICIOS MOTRICES INTEGRALES S.A. DE C.V.		SERVICIOS JORO, S.A. DE C.V.		TCI, S.A. DE C.V.		PROMEDIO DE PRECIOS	
						P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe
		MOTOR: H. BENZ COMMON RAIL	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$17,573.79	\$17,573.79	\$16,424.10	\$16,424.10	\$18,101.00	\$18,101.00	\$18,452.48	\$18,452.48	\$17,637.84	\$17,637.84
		MOTOR: CUMMINS COMMON RAIL	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$11,517.50	\$11,517.50	\$10,764.02	\$10,764.02	\$11,863.03	\$11,863.03	\$12,093.38	\$12,093.38	\$11,558.48	\$11,558.48
		MOTOR: CUMMINS ELECTRONICO	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$24,775.70	\$24,775.70	\$23,154.86	\$23,154.86	\$25,518.97	\$25,518.97	\$26,014.49	\$26,014.49	\$24,866.00	\$24,866.00
		MOTOR: MAXFORCE	1	SERVICIO	03 DIAS HABILES/90 DIAS HABILES	\$22,438.95	\$22,438.95	\$20,971.91	\$20,971.91	\$23,113.15	\$23,113.15	\$23,561.95	\$23,561.85	\$22,521.74	\$22,521.74
32	REPARACION GENERAL DE TRANSMISIÓN ESTÁNDAR, INCLUYE LAVADO, DESARMADO, CAMBIO GENERAL DEL JUEGO DE BALEROS, SINCRONIZADORES, ARANDELAS Y SEGUROS, JUNTAS Y RETENES, ENGRANES DE VELOCIDADES, FLECHAS Y HORQUILLAS, CAMBIO DE ACEITE PARA TRANSMISIÓN.	IPD CV 34, CV35, CV 37, CM 50	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$62,578.85	\$62,578.85	\$58,485.00	\$58,485.00	\$64,456.32	\$64,456.32	\$65,707.90	\$65,707.90	\$62,807.04	\$62,807.04
		MOTORES ELECTRONICOS													
		MOTOR: CATERPILLAR ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$76,724.04	\$76,724.04	\$71,704.71	\$71,704.71	\$79,025.76	\$78,025.76	\$90,560.24	\$80,560.24	\$77,003.69	\$77,003.69
		MOTOR: CATERPILLAR BICOMBUSTIBLE	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$78,844.05	\$78,944.05	\$74,714.06	\$74,714.06	\$82,342.37	\$82,342.37	\$83,841.25	\$83,841.25	\$80,235.43	\$80,235.43
		MOTOR: NAVISTAR ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$81,674.73	\$81,674.73	\$76,331.52	\$76,331.52	\$84,124.97	\$84,124.97	\$85,758.47	\$85,758.47	\$81,972.42	\$81,972.42
		MOTOR: M. BENZ COMMON RAIL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$80,932.85	\$80,932.85	\$75,638.18	\$75,638.18	\$83,360.84	\$83,360.84	\$84,979.49	\$84,979.49	\$81,227.84	\$81,227.84
		MOTOR: CUMMINS COMMON RAIL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$74,538.44	\$74,538.44	\$69,662.09	\$69,662.09	\$76,774.58	\$76,774.58	\$78,265.36	\$78,265.36	\$74,810.12	\$74,810.12
		MOTOR: CUMMINS ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$113,762.46	\$113,762.46	\$106,320.06	\$106,320.06	\$117,175.33	\$117,175.33	\$119,450.58	\$119,450.58	\$114,177.11	\$114,177.11
		MOTOR: MAXFORCE	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$110,258.83	\$110,258.83	\$103,045.64	\$103,045.64	\$113,566.59	\$113,566.59	\$115,771.77	\$115,771.77	\$110,660.71	\$110,660.71
34	EMPAQUE DE TRANSMISIÓN														
	EMPAJAR TRANSMISION CON JUEGO DE JUNTAS, CAMBIO DE ACEITE DE TRANSMISION	DIESEL CONVENCIONAL	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$8,047.24	\$8,047.24	\$7,520.78	\$7,520.78	\$8,288.66	\$8,288.66	\$8,449.60	\$8,449.60	\$8,076.57	\$8,076.57
		DIESEL ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$8,047.24	\$8,047.24	\$8,513.51	\$8,513.51	\$8,288.66	\$8,288.66	\$8,449.60	\$8,449.60	\$8,324.75	\$8,324.75
35	CAMBIO DE TAPA DE LA TRANSMISIÓN ESTÁNDAR					\$9,109.45	\$9,109.45			\$9,382.73	\$9,382.73	\$9,564.92	\$9,564.92	\$9,352.37	
	CAMBIO DE LA TAPA DE TRANSMISION ESTANDAR, CAMBIAR ACEITE DE TRANSMISION.	DIESEL CONVENCIONAL	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$7,468.86	\$7,468.86	\$6,980.24	\$6,980.24	\$7,692.93	\$7,692.93	\$7,842.30	\$7,842.30	\$7,496.08	\$7,496.08
		DIESEL ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$19,820.56	\$19,820.56	\$18,523.89	\$18,523.89	\$20,415.18	\$20,415.18	\$20,811.59	\$20,811.59	\$19,892.80	\$19,892.80
36	CAMBIO DE TONDA DE FUERZA					\$34,374.55	\$34,374.55	\$32,125.75	\$32,125.75	\$35,405.79	\$35,405.79	\$36,093.28	\$36,093.28	\$34,498.84	\$34,498.84
		DIESEL ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$43,901.10	\$43,901.10	\$41,029.07	\$41,029.07	\$45,218.13	\$45,218.13	\$46,096.16	\$46,096.16	\$44,061.11	\$44,061.11
		MOTORES CONVENCIONALES													
		MOTOR: M. BENZ	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$12,112.57	\$12,112.57	\$18,320.16	\$18,320.16	\$12,475.95	\$12,475.95	\$12,718.20	\$12,718.20	\$13,906.72	\$13,906.72
		MOTOR: CATERPILLAR	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$21,066.30	\$21,066.30	\$19,688.13	\$19,688.13	\$21,698.29	\$21,698.29	\$22,119.62	\$22,119.62	\$21,143.08	\$21,143.08
		MOTOR: NAVISTAR	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$9,754.56	\$9,754.56	\$19,116.42	\$19,116.42	\$10,047.20	\$10,047.20	\$10,242.29	\$10,242.29	\$12,290.11	\$12,290.11
		MOTOR: PERKINS	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$9,665.58	\$9,665.58	\$19,033.26	\$19,033.26	\$9,955.55	\$9,955.55	\$10,148.86	\$10,148.86	\$12,200.81	\$12,200.81
		MOTOR: PHASEA	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$9,687.83	\$9,687.83	\$19,054.05	\$19,054.05	\$9,978.46	\$9,978.46	\$10,172.22	\$10,172.22	\$12,223.14	\$12,223.14
		MOTOR: CUMMINS 350	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$21,416.66	\$21,416.66	\$20,015.57	\$20,015.57	\$22,059.16	\$22,059.16	\$22,487.48	\$22,487.48	\$21,494.72	\$21,494.72

CUADRO COMPARATIVO (ESTUDIO DE MERCADO)

NO. DE REQUERIMIENTO:		01-019				P.P.		3652							
PARTIDA		Reparación, mantenimiento y conservación de equipo de transporte destinados a servicios públicos y operación de programas públicos.													
DIRECCIÓN GENERAL:		DIRECCIÓN GENERAL DE RECURSOS MATERIALES, ABASTECIMIENTOS Y SERVICIOS GENERALES.													
OFICINA SOLICITANTE:		JEFATURA DE UNIDAD DEPARTAMENTAL DE CONTROL VEHICULAR Y TALLERES.													
Par.	Concepto	MOTOR	Cant.	U/M	TIEMPO DE ENTREGA Y GARANTIA	SERVICIOS CORPORATIVOS KEMPLER S.A. DE C.V.		SERVICIOS MOTRICES INTEGRALES S.A. DE C.V.		SERVICIOS JORO, S.A. DE C.V.		TCI, S.A. DE C.V.		PROMEDIO DE PRECIOS	
						P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe
37	CAMBIO DE EMBRAGUE COMPLETO, INCLUYE CAMBIO DE PLATO OPRESOR, DISCO, PASTAS, CDLLARIN, PDRTA CDLLARIN Y BALERO PILOTO, RECTIFICADO DE VOLANTE MOTRIZ Y TORNILLERIA	MDTR: CUMMINS 210	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$21,522.33	\$21,522.33	\$20,114.33	\$20,114.33	\$22,168.00	\$22,168.00	\$22,598.45	\$22,598.45	\$21,600.78	\$21,600.78
		MDTRES ELECTRONICOS													
		MDTR: CATERPILLAR ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$28,218.16	\$28,218.16	\$36,372.12	\$36,372.12	\$29,064.70	\$29,064.70	\$29,629.07	\$29,629.07	\$30,821.01	\$30,821.01
		MOTOR: CATERPILLAR BICOMBUSTIBLE	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$23,168.48	\$23,168.48	\$31,652.79	\$31,652.79	\$23,863.53	\$23,863.53	\$24,326.90	\$24,326.90	\$25,752.93	\$25,752.93
		MDTR: NAVISTAR ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$22,790.31	\$22,790.31	\$31,299.36	\$31,299.36	\$23,474.02	\$23,474.02	\$23,929.83	\$23,929.83	\$25,373.38	\$25,373.38
		MDTR: M. BENZ COMMON RAIL	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$25,292.91	\$25,292.91	\$33,638.23	\$33,638.23	\$26,051.70	\$26,051.70	\$26,557.56	\$26,557.56	\$27,885.10	\$27,885.10
		MOTOR: CUMMINS COMMON RAIL	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$24,817.97	\$24,817.97	\$33,194.36	\$33,194.36	\$25,562.51	\$25,562.51	\$26,058.87	\$26,058.87	\$27,408.43	\$27,408.43
		MDTR: CUMMINS ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$35,659.22	\$35,659.22	\$33,326.37	\$33,326.37	\$36,729.00	\$36,729.00	\$37,442.18	\$37,442.18	\$35,789.19	\$35,789.19
		MOTOR MAXFORCE	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$32,305.74	\$32,305.74	\$38,192.28	\$38,192.28	\$33,274.91	\$33,274.91	\$33,921.03	\$33,921.03	\$34,423.49	\$34,423.49
38	REPARACIÓN DE EMBRAGUE COMPLETO, INCLUYE REPARACIÓN DE PLATO OPRESOR, CAMBIO DE DISCO, PASTAS, CDLLARIN, PDRTA CDLLARIN Y BALERO PILOTO, RECTIFICADO DE VOLANTE MOTRIZ Y TORNILLERIA	MDTRES CONVENCIONALES													
		MOTOR: M. BENZ	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$7,027.31	\$7,027.31	\$6,667.58	\$6,667.58	\$7,236.13	\$7,236.13	\$7,378.68	\$7,378.68	\$7,052.92	\$7,052.92
		MDTR: CATERPILLAR	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$7,179.15	\$7,179.15	\$6,709.49	\$6,709.49	\$7,394.52	\$7,394.52	\$7,538.11	\$7,538.11	\$7,205.32	\$7,205.32
		MDTR: NAVISTAR	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$5,703.54	\$5,703.54	\$5,330.41	\$5,330.41	\$5,874.65	\$5,874.65	\$5,988.72	\$5,988.72	\$5,724.33	\$5,724.33
		MDTR: PERKINS	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$5,713.84	\$5,713.84	\$5,340.04	\$5,340.04	\$5,885.26	\$5,885.26	\$5,999.53	\$5,999.53	\$5,734.67	\$5,734.67
		MDTR: PHASER	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$5,725.64	\$5,725.64	\$5,351.06	\$5,351.06	\$5,897.41	\$5,897.41	\$6,011.92	\$6,011.92	\$5,746.51	\$5,746.51
		MDTR: CUMMINS 350	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$7,179.15	\$7,179.15	\$6,709.49	\$6,709.49	\$7,394.52	\$7,394.52	\$7,538.11	\$7,538.11	\$7,205.32	\$7,205.32
		MDTR: CUMMINS 210	1	SEAVICIO	10 DIAS HABILES/90 DIAS HABILES	\$6,745.77	\$6,745.77	\$6,304.46	\$6,304.46	\$6,948.14	\$6,948.14	\$7,083.06	\$7,083.06	\$6,770.38	\$6,770.38
		MOTORES ELECTRONICOS													
		MDTR: CATERPILLAR ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$15,270.85	\$15,270.85	\$14,271.82	\$14,271.82	\$15,728.98	\$15,728.98	\$16,034.39	\$16,034.39	\$15,326.51	\$15,326.51
		MDTR: CATERPILLAR BICOMBUSTIBLE	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$14,443.85	\$14,443.85	\$13,496.93	\$13,496.93	\$14,877.17	\$14,877.17	\$15,166.04	\$15,166.04	\$14,496.50	\$14,496.50
		MDTR: NAVISTAR ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$15,020.24	\$15,020.24	\$14,037.61	\$14,037.61	\$15,470.85	\$15,470.85	\$15,771.25	\$15,771.25	\$15,074.99	\$15,074.99
		MDTR: M. BENZ COMMON RAIL	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$14,342.12	\$14,342.12	\$13,403.85	\$13,403.85	\$14,772.38	\$14,772.38	\$15,059.23	\$15,059.23	\$14,394.39	\$14,394.39
		MDTR: CUMMINS COMMON RAIL	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$14,228.61	\$14,228.61	\$13,297.77	\$13,297.77	\$14,655.47	\$14,655.47	\$14,940.04	\$14,940.04	\$14,290.47	\$14,290.47
		MOTOR: CUMMINS ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$21,844.13	\$21,844.13	\$20,415.08	\$20,415.08	\$22,499.45	\$22,499.45	\$22,936.34	\$22,936.34	\$21,923.75	\$21,923.75
		MDTR MAXFORCE	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$19,786.21	\$19,786.21	\$18,491.78	\$18,491.78	\$20,379.80	\$20,379.80	\$20,775.52	\$20,775.52	\$19,859.33	\$19,859.33
		39	CAMBIO DE CDLLARIN MECANICO Y PDRTACDLLARIN	DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$8,898.12	\$8,898.12	\$8,318.00	\$8,318.00	\$9,165.06	\$9,165.06	\$9,343.03	\$9,343.03
40	CAMBIO DE CDLLARIN HIDRAULICO	DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$10,344.06	\$10,344.06	\$9,667.35	\$9,667.35	\$10,654.38	\$10,654.38	\$10,861.26	\$10,861.26	\$10,381.76	\$10,381.76
41	CAMBIO DE HORQUILLA DE EMBRAGUE	DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$4,671.51	\$4,671.51	\$4,365.90	\$4,365.90	\$4,811.66	\$4,811.66	\$4,905.09	\$4,905.09	\$4,688.54	\$4,688.54
		DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$4,671.51	\$4,671.51	\$4,366.90	\$4,366.90	\$4,811.66	\$4,811.66	\$4,905.09	\$4,905.09	\$4,688.79	\$4,688.79
42	CAMBIO DE MARMITA DE EMBRAGUE	DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$2,780.66	\$2,790.66	\$2,599.75	\$2,596.75	\$2,864.08	\$2,864.08	\$2,919.69	\$2,919.69	\$2,790.80	\$2,790.80
		DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$9,009.35	\$9,009.35	\$8,419.95	\$8,419.95	\$9,279.63	\$9,279.63	\$9,469.82	\$9,459.82	\$9,042.19	\$9,042.19

CUADRO COMPARATIVO (ESTUDIO DE MERCADO)

NO. DE REQUERIMIENTO:		01-019				P.P.				3552					
PARTIDA		Reparación, mantenimiento y conservación de equipo de transporte destinados a servicios públicos y operación de programas públicos.													
DIRECCIÓN GENERAL:		DIRECCIÓN GENERAL DE RECURSOS MATERIALES, ABASTECIMIENTOS Y SERVICIOS GENERALES.													
OFICINA SOLICITANTE:		JEFATURA DE UNIDAD DEPARTAMENTAL DE CDNTROL VEHICULAR Y TALLERES.													
Part.	Concepto	MOTOR	Cant.	U/M	TIEMPO DE ENTREGA Y GARANTIA	SERVICIOS CORPORATIVOS KEMPLER S.A. DE C.V.		SERVICIOS MOTRICES INTEGRALES S.A. DE C.V.		SERVICIOS JORO, S.A. DE C.V.		TCI, S.A. DE C.V.		PROMEDIO DE PRECIOS	
						P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe
43	CAMBIO DE CILINDRO ESCALVO PARA EMBRAGUE	DIESEL CONVENCIONAL	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$6,896.04	\$6,896.04	\$6,444.90	\$6,444.90	\$7,102.92	\$7,102.92	\$7,248.84	\$7,248.84	\$6,921.18	\$6,921.18
44	CAMBIO DE BOMBA MESTRA PARA EMBRAGUE	DIESEL CONVENCIONAL	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$18,928.00	\$18,928.00	\$18,213.09	\$18,213.09	\$11,255.84	\$11,255.84	\$11,474.48	\$11,474.48	\$10,967.83	\$10,967.83
		MOTORES ELECTRONICOS													
		MOTDR. CATERPILLAR ELECTRONICO	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$16,412.58	\$16,412.58	\$15,338.86	\$15,338.86	\$16,904.96	\$16,904.96	\$17,233.21	\$17,233.21	\$16,472.48	\$16,472.48
		MOTOR. CATERPILLAR BIODIESTRIBUIBLE	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$17,101.07	\$17,101.07	\$15,982.31	\$15,982.31	\$17,614.10	\$17,614.10	\$17,950.12	\$17,950.12	\$17,163.48	\$17,163.48
		MOTDR. NAVISTAR ELECTRONICO	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$17,462.56	\$17,462.56	\$16,320.15	\$16,320.15	\$17,966.44	\$17,966.44	\$18,335.69	\$18,335.69	\$17,526.21	\$17,526.21
		MOTOR. M. BENZ COMMON RAIL	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$17,306.84	\$17,306.84	\$16,174.62	\$16,174.62	\$17,626.05	\$17,626.05	\$18,172.18	\$18,172.18	\$17,369.92	\$17,369.92
		MOTDR. CUMMINS COMMON RAIL	1	SERVICIO	85 DIAS HABILES/98 DIAS HABILES	\$17,340.21	\$17,340.21	\$16,285.81	\$16,285.81	\$17,960.42	\$17,960.42	\$18,287.22	\$18,287.22	\$17,403.41	\$17,403.41
		MOTDR. CUMMINS ELECTRONICO	1	SERVICIO	85 DIAS HABILES/98 DIAS HABILES	\$24,336.36	\$24,336.36	\$22,744.26	\$22,744.26	\$25,066.45	\$25,066.45	\$25,553.18	\$25,553.18	\$24,425.06	\$24,425.06
45	CAMBIO DE CONJUNTO CORONA Y PIÑON, CAMBIO GENERAL DE LAINAS DE AJUSTE, TUERCAS LATERALES, SEGURDS, FUERZA DE PIÑON, BRONCES, CRUZETAS DE PLANETARIO, JUNTA, ACEITE DE DIFERENCIAL	MOTOR MAXFORCE	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$23,580.02	\$23,580.02	\$22,037.40	\$22,037.40	\$24,287.42	\$24,287.42	\$24,758.02	\$24,758.02	\$23,665.97	\$23,665.97
		TIPO 18500 LBS, UND Y DOS PASOS	1	SERVICIO	18 DIAS HABILES/90 DIAS HABILES	\$41,153.91	\$41,153.91	\$38,461.50	\$38,461.50	\$42,389.42	\$42,389.42	\$43,211.50	\$43,211.50	\$41,303.81	\$41,303.81
		TIPO 22000 LBS DOS PASOS	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$69,182.98	\$69,182.88	\$64,656.90	\$64,656.90	\$71,258.37	\$71,256.37	\$72,642.02	\$72,642.02	\$69,435.04	\$69,435.04
46	REPARACIÓN GENERAL DE INTERFERENCIAL INCLUYENDO EL CAMBIO DE BALEROS, TAZAS, JUEGO DE RENACHES, BOCARLECHAS CON LAINA, PLANETARIO PIÑON, FLECHA DE RELACION ENTRE EJE, CAJAS DE PLANETARIOS, ENGRANES DE RELACION, COLLAR DE EMBARQUE, FLECHA DE TRANSFERENCIA, JUEGO DE LAINAS, RETENES, YUGOS, REPUESTO DEL SISTEMA NEUMATICO, JUEGO GENERAL DE JUNTAS, ACEITE DE TRANSMISION ESTANDAR	TRACTO TIPO 32404 LBS	1	SERVICIO	18 DIAS HABILES/90 DIAS HABILES	\$85,199.50	\$85,199.50	\$79,625.70	\$79,625.70	\$87,755.49	\$87,755.49	\$89,459.48	\$89,459.48	\$85,510.84	\$85,510.84
		DIESEL CONVENCIONAL	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$49,829.47	\$49,829.47	\$46,569.60	\$46,569.60	\$51,324.35	\$51,324.35	\$52,328.94	\$52,328.94	\$50,011.09	\$50,011.09
47	CAMBIO DE FUNDA, FLECHA, MAZA CON BIRLOS, BALEROS, ARANAS, BALATAS Y PORTABALATAS CON CRUCETA Y SUHINISTRO DE ACEITE PARADIFERENCIAL	DIESEL CONVENCIONAL	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$62,564.91	\$62,564.91	\$58,471.88	\$58,471.88	\$64,441.86	\$64,441.86	\$65,693.16	\$65,693.16	\$62,792.95	\$62,792.95
		DIESEL ELECTRONICO	1	SERVICIO	18 DIAS HABILES/90 DIAS HABILES	\$76,707.36	\$76,707.36	\$71,689.12	\$71,689.12	\$79,008.59	\$79,008.58	\$80,542.73	\$80,542.73	\$76,886.95	\$76,886.95
48	REPARACIÓN DE CARDAN, CAMBIO DE KIT DE REPUESTO, BALANCEO DE CARDAN, CAMBIO DE SOPORTES BALERO, ESPIGA Y CRUCETA	DIESEL CONVENCIONAL	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$8,469.80	\$8,469.80	\$17,915.79	\$17,915.79	\$9,724.80	\$8,724.00	\$8,993.48	\$8,893.40	\$11,800.77	\$11,800.77
		DIESEL ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$8,469.90	\$8,469.90	\$17,916.79	\$17,916.79	\$8,724.00	\$8,724.00	\$8,893.40	\$8,893.40	\$11,001.02	\$11,001.02
49	REPARACIÓN DE LA CAJA DE DIRECCIÓN ESTÁNDAR INCLUYE CAMBIO DE SECTOR, SINFIN, BALEROS, RETENES, LAINAS, CAMPANA Y BALEROS DE COLUMNA DEL VOLANTE	DIESEL CONVENCIONAL	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$11,122.65	\$11,122.65	\$10,395.00	\$10,395.00	\$11,456.33	\$11,456.33	\$11,678.78	\$11,679.78	\$11,163.19	\$11,163.19
50	REPARACIÓN DE CAJA DE DIRECCIÓN HIDRÁULICA, INCLUYE CAMBIO DE SECTOR, SINFIN, BALEROS, RETENES, LAINAS, CAMPANA Y BALEROS DE COLUMNA DEL VOLANTE, SUHINISTRO DE ACEITE, CAMBIO DE CONEXIONES Y MANGUERAS	DIESEL CONVENCIONAL	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$33,056.52	\$33,056.52	\$30,893.94	\$30,893.94	\$34,048.22	\$34,048.22	\$34,709.35	\$34,709.35	\$33,177.01	\$33,177.01
		DIESEL ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$33,856.52	\$33,056.52	\$30,893.94	\$38,893.94	\$34,048.22	\$34,048.22	\$34,709.35	\$34,709.35	\$33,177.01	\$33,177.01
51	CAMBIO DE TERMINAL DE DIRECCIÓN Y ALINEACIÓN, (CADA UNA)	DIESEL CONVENCIONAL	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$2,502.60	\$2,502.60	\$2,338.88	\$2,338.88	\$2,577.68	\$2,577.68	\$2,627.73	\$2,627.73	\$2,511.72	\$2,511.72
		DIESEL ELECTRONICOS	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$5,505.71	\$5,505.71	\$5,145.53	\$5,145.53	\$5,670.88	\$5,670.88	\$5,781.00	\$5,781.00	\$5,525.78	\$5,525.78
52	CAMBIO DE COLUMNA DE DIRECCIÓN CON CRUCETAS, BALEROS Y TORNILLERIA	DIESEL CONVENCIONAL	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$25,042.65	\$25,842.65	\$23,404.34	\$23,404.34	\$25,793.93	\$25,793.93	\$26,294.78	\$26,294.78	\$25,133.93	\$25,133.93
53	CAMBIO DE BRAZO PITMAN Y ALINEACIÓN	DIESEL CONVENCIONAL	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$11,233.88	\$11,233.88	\$10,498.85	\$10,498.85	\$11,570.90	\$11,570.90	\$11,795.57	\$11,795.57	\$11,274.83	\$11,274.83
		DIESEL ELECTRONICO	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$13,969.60	\$13,969.60	\$13,055.70	\$13,855.70	\$14,388.69	\$14,388.69	\$14,668.08	\$14,668.08	\$14,020.52	\$14,020.52

CUADRO COMPARATIVO (ESTUDIO DE MERCADO)

NO. DE REQUERIMIENTO:		01-019				P.P.				3552					
PARTIDA		Reparación, mantenimiento y conservación de equipo de transporte destinados a servicios públicos y operación de programas públicos.													
DIRECCIÓN GENERAL:		DIRECCIÓN GENERAL DE RECURSOS MATERIALES, ABASTECIMIENTOS Y SERVICIOS GENERALES.													
OFICINA SOLICITANTE:		JEFATURA DE UNIDAD DEPARTAMENTAL DE CONTROL VEHICULAR Y TALLERES.													
Part.	Concepto	MOTOR	Cant.	U/M	TIEMPO DE ENTREGA Y GARANTIA	SERVICIOS CORPORATIVOS KEMPLER S.A. DE C.V.		SERVICIOS MOTRICES INTEGRALES S.A. DE C.V.		SERVICIOS JORO, S.A. DE C.V.		TCI, S.A. DE C.V.		PROMEDIO DE PRECIOS	
						P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe
54	REPARACIÓN GENERAL DE BOMBA DE DIRECCIÓN INCLUYE CAMBIO DE SINFIN Y SECTOR, SELLOS, MANGUERAS Y CONEXIONES, BALEROS DE COLUMNA, VÁLVULAS Y SUMINISTRO DE ACEITE	DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$17,573.79	\$17,573.79	\$16,424.10	\$16,424.10	\$18,101.00	\$18,101.00	\$16,452.48	\$16,452.48	\$17,637.84	\$17,637.84
		DIESEL ELECTRONICO	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$18,352.37	\$18,352.37	\$17,151.75	\$17,151.75	\$18,902.94	\$18,902.94	\$19,269.99	\$19,269.99	\$18,419.26	\$18,419.26
55	CAMBIO DE RETENES DE CAJA DE DIRECCION, SUMINISTRAR ACEITE DE DIRECCION HIDRAULICA	DIESEL CONVENCIONAL	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$3,892.93	\$3,892.93	\$3,638.25	\$3,638.25	\$4,009.72	\$4,009.72	\$4,087.58	\$4,087.58	\$3,907.12	\$3,907.12
56	CAMBIO GENERAL DE MANGUERAS, CONEXIONES, TUBERIA Y SUMINISTRO DE ACEITE DE DIRECCION HIDRAULICA	DIESEL CONVENCIONAL	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$4,315.59	\$4,315.59	\$4,033.26	\$4,033.26	\$4,445.06	\$4,445.06	\$4,531.37	\$4,531.37	\$4,331.32	\$4,331.32
		DIESEL ELECTRONICO	1	SERVICIO	18 DIAS HABILES/90 DIAS HABILES	\$7,062.88	\$7,062.88	\$6,600.83	\$6,600.83	\$7,274.77	\$7,274.77	\$7,416.82	\$7,416.82	\$7,088.52	\$7,088.52
57	REPARACIÓN DE DIRECCIÓN DE TRACTOCAMIÓN, CAMBIO DE BRAZO DE DIRECCIÓN, CAMBIO DE ROTULAS, TERMINALES Y ALINEACIÓN	TRACTOCAMION	1	SERVICIO	18 DIAS HABILES/90 DIAS HABILES	\$8,850.77	\$8,264.03	\$8,264.03	\$8,264.03	\$9,116.29	\$9,511.95	\$3,293.31	\$8,677.23	\$8,881.18	\$8,881.10
		DIESEL CONVENCIONAL	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$22,801.43	\$22,801.43	\$21,309.75	\$21,309.75	\$23,485.47	\$23,485.47	\$23,941.50	\$23,941.50	\$22,694.54	\$22,884.54
58	REPARACIÓN GENERAL DE FRENSOS DE AIRE, CAMBIO DE BALATAS GENERALES, RECTIFICAR TAMBORES, REPARAR POTOCHAMBERS, CAMBIAR REPUESTOS DE VÁLVULA DE APLICACIÓN, VÁLVULAS DE REPARTO, DE CÍSPARO RAPIDO, DE RETENCIÓN, REPARAR LÍNEAS DE AIRE Y TUBOS, MANGUERAS, MATRACAS, GRASA, SEGURDS, RETENES, BUJES DE GAVILAN, PERNOS Y CARRETILLA DE ZAPATA, RESORTES, BALEROS, TAZAS, JUNTAS DE FLECHA Y CAMBIO DE BALAS DAÑADOS.	DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/80 DIAS HABILES	\$30,587.29	\$30,587.29	\$28,586.25	\$28,586.25	\$31,584.91	\$31,504.91	\$32,116.65	\$32,116.65	\$30,698.78	\$30,698.78
59	CAMBIO DE BALATAS GENERALES, RECTIFICAR TAMBORES, CAMBIO DE JUNTAS DE FLECHA, LIMPIEZA Y AJUSTE	DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$7,396.56	\$7,396.56	\$12,912.68	\$12,912.68	\$7,618.46	\$7,618.46	\$7,766.38	\$7,766.38	\$8,923.52	\$8,923.52
		DIESEL ELECTRONICO	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$14,481.69	\$14,481.69	\$13,534.29	\$13,534.29	\$14,916.14	\$14,916.14	\$15,205.77	\$15,205.77	\$14,534.47	\$14,534.47
60	CAMBIO DE BALATAS GENERALES, RECTIFICAR TAMBORES, CAMBIO DE JUNTAS DE FLECHA, LIMPIEZA Y AJUSTE	TRACTOCAMION	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$11,847.87	\$11,847.87	\$15,872.78	\$15,072.78	\$12,203.31	\$12,283.31	\$12,440.26	\$12,448.26	\$12,891.85	\$12,891.05
61	CAMBIO DE TAMBOR DELANTERO (CADA UNO) LIMPIEZA Y AJUSTE DE BALATAS	DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$6,098.62	\$6,098.62	\$8,699.64	\$8,699.64	\$5,261.58	\$5,281.58	\$6,403.55	\$6,403.55	\$6,870.85	\$6,870.85
		DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$8,063.16	\$9,063.16	\$8,470.25	\$8,478.25	\$9,335.85	\$9,335.85	\$9,516.32	\$9,516.32	\$9,095.19	\$8,096.19
62	CAMBIO DE TAMBOR TRASERO (CADA UNO) LIMPIEZA Y AJUSTE DE BALATAS	DIESEL CONVENCIONAL	1	SERVICIO	18 DIAS HABILES/90 DIAS HABILES	\$5,999.83	\$5,999.83	\$8,699.64	\$8,699.64	\$5,179.82	\$6,179.82	\$6,299.82	\$6,299.82	\$6,794.78	\$6,794.78
		DIESEL ELECTRONICO	1	SERVICIO	18 DIAS HABILES/98 DIAS HABILES	\$9,063.16	\$9,063.16	\$8,470.25	\$8,470.25	\$9,335.85	\$9,335.85	\$9,516.32	\$9,516.32	\$8,096.19	\$9,096.19
63	CAMBIO DE COMPRESORA, INCLUYE CAMBIO DE GOBERNADOR, LIMPIEZA DE TANQUE DE ALMACENAMIENTO Y SERVICIO A VÁLVULA DE RETENCIÓN, CORRECCIÓN DE FUGAS	DIESEL CONVENCIONAL	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$1,198.93	\$1,198.93	\$21,128.58	\$21,120.50	\$1,234.90	\$1,234.90	\$1,258.88	\$1,258.88	\$6,203.30	\$6,203.30
		DIESEL ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$24,979.66	\$24,879.66	\$23,345.48	\$23,345.48	\$25,729.85	\$25,729.85	\$26,228.64	\$26,228.64	\$25,070.71	\$25,078.71
64	REPARACIÓN DE COMPRESOR, INCLUYE CAMBIO DE GOBERNADOR, LIMPIEZA DE TANQUE DE ALMACENAMIENTO Y SERVICIO A VÁLVULA DE RETENCIÓN, CORRECCIÓN DE FUGAS	TRACTOCAMION	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$16,510.62	\$16,510.62	\$15,430.49	\$15,438.49	\$17,005.94	\$17,085.94	\$17,336.15	\$17,336.15	\$16,570.90	\$16,570.80
		DIESEL CONVENCIONAL	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$8,452.83	\$8,452.83	\$9,899.84	\$9,899.84	\$8,706.41	\$8,706.41	\$8,875.47	\$8,875.47	\$8,983.64	\$8,983.64
		DIESEL ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$21,875.06	\$21,875.06	\$20,443.98	\$20,443.98	\$22,531.31	\$22,531.31	\$22,968.81	\$22,968.81	\$21,954.79	\$21,954.79
65	CAMBIO DE COPILE DE COMPRESOR	DIESEL CONVENCIONAL	1	SERVICIO	18 DIAS HABILES/90 DIAS HABILES	\$3,336.88	\$3,336.88	\$3,118.58	\$3,118.58	\$3,436.90	\$3,436.90	\$3,503.64	\$3,503.64	\$3,348.96	\$3,348.96
66	SERVICIO AL TANQUE DE ALMACENAMIENTO DE AIRE, INCLUYE CAMBIO DE VÁLVULA DE RETENCIÓN Y GRIFOS	DIESEL CONVENCIONAL	1	SERVICIO	18 DIAS HABILES/90 DIAS HABILES	\$1,668.48	\$1,668.48	\$2,559.25	\$2,559.25	\$1,716.45	\$1,718.45	\$1,751.82	\$1,751.82	\$1,924.48	\$1,924.48
		DIESEL ELECTRONICO	1	SERVICIO	18 DIAS HABILES/98 DIAS HABILES	\$3,892.93	\$3,892.93	\$3,638.25	\$3,638.25	\$4,009.72	\$4,009.72	\$4,087.58	\$4,087.58	\$3,907.12	\$3,907.12
67	CAMBIO DE VÁLVULA DE ESTACIONAMIENTO Y CORRECCIÓN DE FUGAS	DIESEL CONVENCIONAL	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$3,336.88	\$3,336.88	\$3,118.58	\$3,118.58	\$3,436.90	\$3,436.90	\$3,503.64	\$3,503.64	\$3,348.96	\$3,348.96
		DIESEL ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$8,112.31	\$8,112.31	\$7,581.60	\$7,581.68	\$8,355.88	\$8,355.88	\$8,517.93	\$8,517.93	\$8,141.88	\$8,141.88

CUADRO COMPARATIVO (ESTUDIO DE MERCADO)

NO. DE REQUERIMIENTO:		01-019		P.P.		3552									
PARTIDA		Reparación, mantenimiento y conservación de equipo de transporte destinados a servicios públicos y operación de programas públicos.													
DIRECCIÓN GENERAL:		DIRECCIÓN GENERAL DE RECURSOS MATERIALES, ABASTECIMIENTOS Y SERVICIOS GENERALES.													
OFICINA SOLICITANTE:		JEFATURA DE UNIDAD DEPARTAMENTAL DE CONTROL VEHICULAR Y TALLERES.													
Part.	Concepto	MOTOR	Cant.	U/M	TIEMPO DE ENTREGA Y GARANTIA	SERVICIOS CORPORATIVOS KEMPLER S.A. DE C.V.		SERVICIOS MOTRICES INTEGRALES S.A. DE C.V.		SERVICIOS JORO, S.A. DE C.V.		TCI, S.A. DE C.V.		PROMEDIO DE PRECIOS	
						P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe
68	REPARACION DE VALVULA DE APLICACIÓN Y CORRECCION DE FUGAS	DIESEL CONVENCIONAL	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$2,547.09	\$2,547.09	\$2,380.46	\$2,380.46	\$2,623.50	\$2,623.50	\$2,674.44	\$2,674.44	\$2,556.37	\$2,556.37
		DIESEL ELECTRONICO	1	SERVICIO	18 DIAS HABILES/90 DIAS HABILES	\$5,116.42	\$5,116.42	\$4,781.78	\$4,781.78	\$5,269.91	\$5,269.91	\$5,372.24	\$5,372.24	\$5,135.87	\$5,135.87
69	CAMBIO DE VALVULA DE ALIVIO Y CORRECCION DE FUGAS	DIESEL CONVENCIONAL	1	SERVICIO	18 DIAS HABILES/90 DIAS HABILES	\$1,924.22	\$1,924.22	\$2,798.34	\$2,798.34	\$1,981.95	\$1,981.95	\$2,020.43	\$2,020.43	\$2,181.23	\$2,181.23
		DIESEL ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$6,895.21	\$6,895.21	\$5,696.46	\$5,696.46	\$6,278.87	\$6,278.87	\$6,399.97	\$6,399.97	\$6,117.43	\$6,117.43
70	CAMBIO DE VALVULA REPARTIDORA	DIESEL CONVENCIONAL	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$9,326.34	\$9,326.34	\$8,716.21	\$8,716.21	\$9,606.13	\$9,606.13	\$9,792.66	\$9,792.66	\$9,360.33	\$9,360.33
71	REPUESTO DE VALVULA REPARTIDORA CAMBIO DE REPUESTO Y CORRECCION DE FUGAS	DIESEL CONVENCIONAL	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$3,631.55	\$3,631.55	\$3,393.97	\$3,393.97	\$3,748.50	\$3,748.50	\$3,813.13	\$3,813.13	\$3,644.79	\$3,644.79
		DIESEL ELECTRONICO	1	SERVICIO	18 DIAS HABILES/90 DIAS HABILES	\$8,931.49	\$8,931.49	\$8,347.19	\$8,347.19	\$9,199.43	\$9,199.43	\$9,378.86	\$9,378.86	\$8,964.04	\$8,964.04
72	CAMBIO DE VALVULA DE EMERGENCIA	DIESEL CONVENCIONAL	1	SERVICIO	18 DIAS HABILES/90 DIAS HABILES	\$4,314.46	\$4,314.46	\$4,832.21	\$4,832.21	\$4,443.89	\$4,443.89	\$4,538.18	\$4,538.18	\$4,338.19	\$4,338.19
		DIESEL ELECTRONICO	1	SERVICIO	18 DIAS HABILES/90 DIAS HABILES	\$7,107.37	\$7,107.37	\$4,032.21	\$4,832.21	\$7,320.59	\$7,320.59	\$7,462.74	\$7,462.74	\$6,458.73	\$6,458.73
		TRACTOCAMION	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$7,187.37	\$7,187.37	\$6,542.41	\$6,542.41	\$7,328.59	\$7,328.59	\$7,462.74	\$7,462.74	\$7,133.28	\$7,133.28
73	CAMBIO DE JOO. DE MANGUERAS Y CONEXIONES DEL SELECTOR Y CORRECCION DE FUGAS	TRACTOCAMION	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$4,226.61	\$4,226.61	\$4,950.10	\$4,950.10	\$4,353.41	\$4,353.41	\$4,437.94	\$4,437.94	\$4,482.81	\$4,482.81
74	CAMBIO DE MANGUERA DE ROTOCHAMBERS (CADA UNA) Y CONEXIONES	DIESEL CONVENCIONAL	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$1,212.37	\$1,212.37	\$1,133.06	\$1,133.06	\$1,248.74	\$1,248.74	\$1,272.99	\$1,272.99	\$1,216.79	\$1,216.79
		DIESEL ELECTRONICO	1	SERVICIO	18 DIAS HABILES/90 DIAS HABILES	\$173.36	\$173.36	\$1,134.06	\$1,134.06	\$178.56	\$178.56	\$182.83	\$182.83	\$417.80	\$417.80
75	CAMBIO DE MANGUERA DE ALTA PARA COMPRESOR DE AIRE Y CONEXIONES	DIESEL CONVENCIONAL	1	SERVICIO	18 DIAS HABILES/90 DIAS HABILES	\$1,668.40	\$1,668.40	\$2,073.08	\$2,073.08	\$1,719.45	\$1,719.45	\$1,751.82	\$1,751.82	\$1,804.42	\$1,804.42
		DIESEL ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$2,224.53	\$2,224.53	\$2,879.80	\$2,879.80	\$2,291.27	\$2,291.27	\$2,335.76	\$2,335.76	\$2,232.64	\$2,232.64
76	CAMBIO DE TANQUE DE ALMACENAMIENTO DE AIRE INCLUYE GRIFO Y VALVULA DE RETENCION	DIESEL CONVENCIONAL	1	SERVICIO	18 DIAS HABILES/90 DIAS HABILES	\$4,671.51	\$4,671.51	\$7,120.58	\$7,120.58	\$4,611.66	\$4,611.66	\$4,905.89	\$4,905.89	\$5,377.21	\$5,377.21
		DIESEL ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$7,619.02	\$7,619.02	\$7,128.58	\$7,128.58	\$7,847.59	\$7,847.59	\$7,999.97	\$7,999.97	\$7,646.79	\$7,646.79
77	CAMBIO DE ROTOCHAMBER(1 PIEZA)	DIESEL CONVENCIONAL	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$3,614.86	\$3,614.86	\$3,378.36	\$3,378.36	\$3,723.31	\$3,723.31	\$3,795.68	\$3,795.68	\$3,628.04	\$3,628.04
		DIESEL ELECTRONICO	1	SERVICIO	18 DIAS HABILES/90 DIAS HABILES	\$3,981.91	\$3,981.91	\$3,721.41	\$3,721.41	\$4,181.37	\$4,181.37	\$4,181.01	\$4,181.01	\$3,996.42	\$3,996.42
78	CAMBIO DE MATRACA (1) INCLUYE HORQUILLA Y PERNOS	DIESEL CONVENCIONAL	1	SERVICIO	18 DIAS HABILES/90 DIAS HABILES	\$2,191.16	\$2,191.16	\$5,686.07	\$5,686.07	\$2,256.89	\$2,256.89	\$2,308.72	\$2,308.72	\$3,108.71	\$3,108.71
		DIESEL ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$6,884.09	\$6,884.09	\$5,686.07	\$5,686.07	\$6,286.61	\$6,286.61	\$6,388.29	\$6,388.29	\$6,186.27	\$6,186.27
79	CAMBIO DE GOBERNADOR DE COMPRESOR DE AIRE	DIESEL CONVENCIONAL	1	SERVICIO	18 DIAS HABILES/90 DIAS HABILES	\$2,446.98	\$2,446.98	\$2,286.90	\$2,286.90	\$2,520.39	\$2,520.39	\$2,569.33	\$2,569.33	\$2,455.90	\$2,455.90
		DIESEL ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$8,942.95	\$8,942.95	\$8,357.90	\$8,357.90	\$9,211.24	\$9,211.24	\$9,390.10	\$9,390.10	\$8,975.55	\$8,975.55
80	CAMBIO DE GAVILAN, CON CAMBIO DE RETEN, BUIES Y SEGURO	DIESEL CONVENCIONAL	1	SERVICIO	18 DIAS HABILES/90 DIAS HABILES	\$1,212.37	\$1,212.37	\$1,138.06	\$1,138.06	\$1,248.74	\$1,248.74	\$1,272.99	\$1,272.99	\$1,216.79	\$1,216.79
81	REPARACIÓN DE SUSPENSIÓN DE EJE DELANTERO, CAMBIO DE PERNOS, BALEROS DE CARGA, AMORTIGUADORES, RIMADO Y RELLENADO DE BUIES Y MANGOS, CAMBIO DE BALEROS, TAZAS, TUERCAS Y SEGUROS.	DIESEL CONVENCIONAL	1	SERVICIO	18 DIAS HABILES/90 DIAS HABILES	\$16,683.98	\$16,683.98	\$25,592.58	\$25,592.58	\$17,184.50	\$17,184.50	\$17,518.18	\$17,518.18	\$19,244.79	\$19,244.79
		DIESEL ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$38,929.28	\$38,929.28	\$36,382.50	\$36,382.50	\$40,097.16	\$40,097.16	\$40,875.74	\$40,875.74	\$39,071.17	\$39,071.17
82	CAMBIO DE PERNOS, BUIES, GRASERAS, JUNTAS Y ENGRASADO DE EJE DELANTERO.	DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$6,673.59	\$6,673.59	\$6,237.00	\$6,237.00	\$6,873.88	\$6,873.88	\$7,087.27	\$7,087.27	\$6,687.91	\$6,687.91
		DIESEL ELECTRONICO	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$10,586.52	\$10,586.52	\$9,875.25	\$9,875.25	\$10,883.52	\$10,883.52	\$11,094.85	\$11,094.85	\$10,685.83	\$10,685.83
83	CAMBIO DE EJE DELANTERO, AMORTIGUADORES, MANGOS, TAZAS.	DIESEL CONVENCIONAL	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$25,860.16	\$25,860.16	\$24,168.38	\$24,168.38	\$26,635.96	\$26,635.96	\$27,153.17	\$27,153.17	\$25,954.42	\$25,954.42

CUADRO COMPARATIVO (ESTUDIO DE MERCADO)

NO. DE REQUERIMIENTO:		01-019				P.P.				3552					
PARTIDA		Reparación, mantenimiento y conservación de equipo de transporte destinados a servicios públicos y operación de programas públicos.													
DIRECCIÓN GENERAL:		DIRECCIÓN GENERAL DE RECURSOS MATERIALES, ABASTECIMIENTOS Y SERVICIOS GENERALES.													
OFICINA SOLICITANTE:		JEFATURA DE UNIDAD DEPARTAMENTAL DE CONTROL VEHICULAR Y TALLERES.													
Part.	Concepto	MOTOR	Cant.	U/M	TIEMPO DE ENTREGA Y GARANTIA	SERVICIOS CORPORATIVOS KEMPLER S.A. DE C.V.		SERVICIOS MOTRICES INTEGRALES S.A. DE C.V.		SERVICIOS JORO, S.A. DE C.V.		TCI, S.A. DE C.V.		PROMEDIO DE PRECIOS	
						P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe
	BALEROS, BRAZADERAS Y ENGRASADO.	DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$34,647.05	\$34,647.05	\$32,380.43	\$32,380.43	\$35,686.46	\$35,686.46	\$36,379.40	\$36,379.40	\$34,773.33	\$34,773.33
84	CAMBIO DE BALEROS DE (1) RUEDA TRASERA INCLUYE TAZAS, GRASA, ESTOPEOS Y JUNTAS.	DIESEL CONVENCIONAL	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$3,726.09	\$3,726.09	\$3,482.33	\$3,482.33	\$3,837.87	\$3,837.87	\$3,912.39	\$3,912.39	\$3,739.67	\$3,739.67
		DIESEL ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$3,837.31	\$3,837.31	\$3,586.28	\$3,586.28	\$3,952.43	\$3,952.43	\$4,029.18	\$4,029.18	\$3,851.30	\$3,851.30
		DIESEL CONVENCIONAL	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$2,725.05	\$2,725.05	\$2,546.78	\$2,546.78	\$2,806.80	\$2,806.80	\$2,861.30	\$2,861.30	\$2,734.98	\$2,734.98
85	CAMBIO DE BALEROS DE (1) RUEDA DELANTERA, INCLUYE TAZAS, GRASA, ESTOPEOS Y JUNTAS.	DIESEL ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$2,847.40	\$2,847.40	\$2,661.12	\$2,661.12	\$2,932.82	\$2,932.82	\$2,989.77	\$2,989.77	\$2,857.78	\$2,857.78
		DIESEL CONVENCIONAL	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$1,781.26	\$1,663.20	\$1,663.20	\$1,663.20	\$1,834.72	\$1,713.10	\$1,870.34	\$1,746.36	\$1,787.39	\$1,787.39
		DIESEL ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$832.94	\$871.10	\$871.10	\$871.10	\$960.93	\$897.23	\$979.59	\$914.66	\$936.14	\$936.14
86	CAMBIO DE MAZA UNIMONT (UNA) RUEDA TRASERA, INCLUYE TUERCAS Y CAPUCHONES	DIESEL CONVENCIONAL	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$4,701.69	\$4,390.00	\$4,390.00	\$4,390.00	\$4,842.74	\$4,521.70	\$4,936.77	\$4,609.50	\$4,717.80	\$4,717.80
		DIESEL ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$5,462.10	\$5,100.00	\$5,100.00	\$5,100.00	\$5,625.96	\$5,253.00	\$5,735.21	\$5,355.00	\$5,490.82	\$5,480.82
		DIESEL CONVENCIONAL	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$5,162.22	\$4,820.00	\$4,820.00	\$4,820.00	\$5,317.09	\$4,984.60	\$5,420.33	\$5,061.00	\$5,179.91	\$5,179.91
87	CAMBIO DE MAZA UNIMONT (UNA) RUEDA DELANTERA, INCLUYE TUERCAS Y CAPUCHONES	DIESEL ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$5,804.82	\$5,420.00	\$5,420.00	\$5,420.00	\$5,978.96	\$5,582.60	\$6,095.06	\$5,691.00	\$5,824.71	\$5,824.71
		DIESEL CONVENCIONAL	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$1,779.62	\$1,779.82	\$1,180.00	\$1,180.00	\$1,833.01	\$1,833.01	\$1,868.60	\$1,858.60	\$1,665.31	\$1,665.31
		TRACTOCAMION	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$1,211.26	\$1,211.26	\$971.10	\$971.10	\$1,247.60	\$1,247.60	\$1,271.82	\$1,271.82	\$1,175.45	\$1,175.45
92	CAMBIO DE SEPARADOR DE RIN (CADA UNO) DE RUEDA TRASERA	DIESEL ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$932.08	\$932.08	\$972.10	\$972.10	\$960.04	\$960.04	\$978.68	\$976.68	\$960.73	\$960.73
		DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$975.46	\$975.46	\$3,457.38	\$3,457.38	\$1,004.72	\$1,004.72	\$1,024.23	\$1,024.23	\$1,615.45	\$1,615.45
		DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$2,629.39	\$2,629.39	\$3,458.38	\$3,458.38	\$2,708.27	\$2,708.27	\$2,760.86	\$2,760.86	\$2,889.22	\$2,889.22
93	REPARACIÓN DE MUELLES EN GENERAL, INCLUYE CAMBIO DE HOJAS DANADAS, PITONES, ABRAZADERAS, PERCHAS, BUJES Y GOMAS.	DIESEL CONVENCIONAL	1	SERVICIO	13 DIAS HABILES/90 DIAS HABILES	\$27,096.00	\$27,096.00	\$25,324.30	\$25,324.30	\$27,908.88	\$27,908.88	\$28,450.80	\$28,450.80	\$27,194.99	\$27,194.99
		DIESEL ELECTRONICO	1	SERVICIO	18 DIAS HABILES/90 DIAS HABILES	\$39,044.62	\$39,044.62	\$36,490.30	\$36,490.30	\$40,215.96	\$40,215.96	\$40,996.85	\$40,996.85	\$39,186.93	\$39,186.93
		TRACTOCAMION	1	SERVICIO	18 DIAS HABILES/90 DIAS HABILES	\$33,005.00	\$33,005.00	\$30,845.80	\$30,845.80	\$33,995.15	\$33,995.15	\$34,655.25	\$34,655.25	\$33,125.30	\$33,125.30
95	CAMBIO DE BALANCINES INCLUYE BUJES DE BRONCE, TORNILLOS Y SEGUROS	DIESEL CONVENCIONAL	1	SERVICIO	18 DIAS HABILES/90 DIAS HABILES	\$11,378.47	\$11,378.47	\$10,634.09	\$10,634.09	\$11,719.82	\$11,719.82	\$11,947.39	\$11,947.39	\$11,419.94	\$11,419.94
		DIESEL ELECTRONICO	1	SERVICIO	10 DIAS HABILES/90 DIAS HABILES	\$26,516.40	\$26,516.40	\$24,781.68	\$24,781.68	\$27,311.89	\$27,311.89	\$27,842.22	\$27,842.22	\$26,613.05	\$26,613.05
		DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$1,746.26	\$1,746.26	\$2,632.02	\$2,632.02	\$1,798.65	\$1,799.65	\$1,833.57	\$1,833.57	\$2,002.62	\$2,002.62
96	CAMBIO DE ABRAZADERA DE MUELLE CABA UNA	DIESEL CONVENCIONAL	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$1,746.26	\$1,746.26	\$2,633.02	\$2,633.02	\$1,798.65	\$1,798.65	\$1,833.57	\$1,833.57	\$2,002.62	\$2,002.62
		DIESEL ELECTRONICO	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$1,746.26	\$1,746.26	\$2,633.02	\$2,633.02	\$1,798.65	\$1,798.65	\$1,833.57	\$1,833.57	\$2,002.62	\$2,002.62
		DIESEL CONVENCIONAL	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$1,746.26	\$1,746.26	\$2,633.02	\$2,633.02	\$1,798.65	\$1,798.65	\$1,833.57	\$1,833.57	\$2,002.62	\$2,002.62
97	SISTEMA ELÉCTRICO, REPARACIÓN DE MARCHA, ALTERNADOR, LUCES EN GENERAL, TABLERO, PLAFONES, FOCOS, CABLE, PALANCA DE DIRECCIONALES, SOCKETS, UNIDADES, TERMINALES DE BATERÍA Y REPARACIÓN DEL SISTEMA DE LIMPIADORES Y SU FUNCIONAMIENTO	DIESEL CONVENCIONAL	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$14,560.66	\$14,560.66	\$13,608.09	\$13,608.09	\$14,997.48	\$14,997.48	\$15,288.69	\$15,288.69	\$14,613.73	\$14,613.73
		DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$25,092.70	\$25,092.70	\$23,451.12	\$23,451.12	\$25,845.48	\$25,845.48	\$26,347.34	\$26,347.34	\$25,184.16	\$25,184.16
		DIESEL CONVENCIONAL	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$8,406.27	\$8,406.27	\$7,856.33	\$7,856.33	\$8,658.46	\$8,658.46	\$8,826.58	\$8,826.58	\$8,436.91	\$8,436.91
98	CAMBIO DE ACUMULADOR DE 27 PLACAS	DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$8,406.27	\$8,406.27	\$7,856.33	\$7,856.33	\$8,658.46	\$8,658.46	\$8,826.58	\$8,826.58	\$8,436.91	\$8,436.91
		DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$8,406.27	\$8,406.27	\$7,856.33	\$7,856.33	\$8,658.46	\$8,658.46	\$8,826.58	\$8,826.58	\$8,436.91	\$8,436.91
		DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$8,406.27	\$8,406.27	\$7,856.33	\$7,856.33	\$8,658.46	\$8,658.46	\$8,826.58	\$8,826.58	\$8,436.91	\$8,436.91
99	CAMBIO DE ACUMULADOR DE 17 PLACAS	DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$8,406.27	\$8,406.27	\$7,856.33	\$7,856.33	\$8,658.46	\$8,658.46	\$8,826.58	\$8,826.58	\$8,436.91	\$8,436.91
		DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$8,406.27	\$8,406.27	\$7,856.33	\$7,856.33	\$8,658.46	\$8,658.46	\$8,826.58	\$8,826.58	\$8,436.91	\$8,436.91
		DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$8,406.27	\$8,406.27	\$7,856.33	\$7,856.33	\$8,658.46	\$8,658.46	\$8,826.58	\$8,826.58	\$8,436.91	\$8,436.91

CUADRO COMPARATIVO (ESTUDIO DE MERCADO)

NO. DE REQUERIMIENTO:		01-019										P.P.				3552			
PARTIDA		Reparación, mantenimiento y conservación de equipo de transporte destinados a servicios públicos y operación de programas públicos.																	
DIRECCIÓN GENERAL:		DIRECCIÓN GENERAL DE RECURSOS MATERIALES, ABASTECIMIENTOS Y SERVICIOS GENERALES.																	
OFICINA SOLICITANTE:		JEFATURA DE UNIDAD DEPARTAMENTAL DE CONTROL VEHICULAR Y TALLERES.																	
Part.	Concepto	MOTOR	Cant.	U/M	TIEMPO DE ENTREGA Y GARANTIA	SERVICIOS CORPORATIVOS KEMPLER S.A. DE C.V.		SERVICIOS MOTRICES INTEGRALES S.A. DE C.V.		SERVICIOS JORO, S.A. DE C.V.		TCI, S.A. DE C.V.		PROMEDIO DE PRECIOS					
						P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe				
100	REPARACION GENERAL DE MARCHA INCLUYE: ARMADURA, CAMPOS, CARBONES, PORTACARBONES, BUIES, BENOX, AUTOMATICO DE MARCHA Y RODAMIENTOS	DIESEL ELECTRONICO	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$8,486.27	\$8,406.27	\$7,856.33	\$7,856.33	\$8,658.46	\$8,658.46	\$8,826.58	\$8,826.58	\$8,436.91	\$8,436.91				
		DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$6,451.14	\$6,451.14	\$8,029.10	\$8,029.10	\$6,644.67	\$6,644.67	\$6,773.70	\$6,773.70	\$6,874.85	\$6,874.85				
		DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$13,525.14	\$13,525.14	\$12,640.32	\$12,640.32	\$13,930.68	\$13,930.68	\$14,201.40	\$14,201.40	\$13,574.44	\$13,574.44				
101	CAMBIO DE MARCHA	DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$9,248.48	\$9,248.48	\$11,643.44	\$11,643.44	\$9,525.93	\$9,525.93	\$9,710.90	\$9,710.90	\$10,032.19	\$10,032.19				
		DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$22,779.19	\$22,779.19	\$21,289.96	\$21,289.96	\$23,462.57	\$23,462.57	\$23,918.15	\$23,918.15	\$22,852.22	\$22,852.22				
102	REPARACION DE ALTERNADOR, INCLUYE CAMBIO DE ROTOR, ESTATOR, BUIES, SALEROS, CARBONES, PORTACARBONES, REGULADOR, DIODOS, PORTADIODOS Y RODAMIENTOS	DIESEL CONVENCIONAL	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$6,640.22	\$6,640.22	\$6,205.82	\$6,205.82	\$6,889.43	\$6,889.43	\$6,972.23	\$6,972.23	\$6,664.42	\$6,664.42				
		DIESEL ELECTRONICO	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$12,702.07	\$12,702.07	\$11,871.09	\$11,871.09	\$13,083.13	\$13,083.13	\$13,337.17	\$13,337.17	\$12,748.37	\$12,748.37				
103	CAMBIO DE ALTERNADOR, INCLUYE BANDAS Y REGULADOR.	DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$9,507.64	\$9,507.64	\$10,885.65	\$10,885.65	\$9,792.87	\$9,792.87	\$9,983.02	\$9,983.02	\$10,042.29	\$10,042.29				
		DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$22,325.38	\$22,325.38	\$20,864.84	\$20,864.84	\$22,995.14	\$22,995.14	\$23,441.65	\$23,441.65	\$22,406.75	\$22,406.75				
104	REPARACIÓN GENERAL DE LUCES, INCLUYE UNIDADES PRINCIPALES, FOCOS INTERIORES Y EXTERIORES, MICAS INTERIORES Y EXTERIORES, CABLE, FUSIBLES, DESTELLADOR, BULBOS, SWITCH GENERAL DE LUCES E INTERRUPTORES	DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$12,791.05	\$12,791.05	\$11,954.25	\$11,954.25	\$13,174.78	\$13,174.78	\$13,430.60	\$13,430.60	\$12,837.67	\$12,837.67				
		DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$20,332.20	\$20,332.20	\$19,002.06	\$19,002.06	\$20,942.17	\$20,942.17	\$21,348.81	\$21,348.81	\$20,406.31	\$20,406.31				
105	CAMBIO DE INDICADORES FISICOS DE TEMPERATURA DE AGUA Y PRESIÓN DE ACEITE	DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$4,323.37	\$4,323.37	\$4,040.54	\$4,040.54	\$4,453.07	\$4,453.07	\$4,539.54	\$4,539.54	\$4,339.13	\$4,339.13				
106	CAMBIO DE MOTOR DE DUAL COMPLETO, INCLUYE MIXTO, CONEXIONES Y MANQUERAS, ARNES Y BOTÓN DE APLICACIÓN	DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$4,241.07	\$4,241.07	\$3,963.61	\$3,963.61	\$4,368.30	\$4,368.30	\$4,453.12	\$4,453.12	\$4,258.53	\$4,258.53				
107	CAMBIO DE BANDA DE ALTERNADOR (CADA UNA)	DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$1,779.62	\$1,779.62	\$1,663.20	\$1,663.20	\$1,833.01	\$1,833.01	\$1,868.60	\$1,868.60	\$1,786.11	\$1,786.11				
108	CAMBIO DE ARNES DE DUAL	DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$2,236.76	\$2,236.76	\$2,090.43	\$2,090.43	\$2,303.86	\$2,303.86	\$2,348.60	\$2,348.60	\$2,244.91	\$2,244.91				
109	CAMBIO DE DAMPER, TORNILLOS Y BANDAS	DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$3,047.61	\$3,047.61	\$2,848.23	\$2,848.23	\$3,138.04	\$3,138.04	\$3,199.99	\$3,199.99	\$3,058.72	\$3,058.72				
		DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$10,553.17	\$10,553.17	\$9,862.78	\$9,862.78	\$10,869.77	\$10,869.77	\$11,080.83	\$11,080.83	\$10,591.63	\$10,591.63				
110	CAMBIO DE POLEA TEMPLADORA Y POLEA LOCA	MOTORES CONVENCIONALES																	
		MOTOR: M. BENZ	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$4,336.99	\$4,336.99	\$4,053.26	\$4,053.26	\$4,467.10	\$4,467.10	\$4,553.84	\$4,553.84	\$4,352.80	\$4,352.80				
		MOTOR: CATERPILLAR	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$4,345.83	\$4,345.83	\$4,061.53	\$4,061.53	\$4,476.20	\$4,476.20	\$4,563.12	\$4,563.12	\$4,361.67	\$4,361.67				
		MOTOR: NAVISTAR	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$1,926.72	\$1,926.72	\$4,100.68	\$4,100.68	\$1,984.52	\$1,984.52	\$2,023.06	\$2,023.06	\$2,508.74	\$2,508.74				
		MOTOR: PERKINS	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$1,810.26	\$1,810.26	\$4,691.83	\$4,691.83	\$1,864.57	\$1,864.57	\$1,900.77	\$1,900.77	\$2,589.86	\$2,589.86				
		MOTOR: PHASER	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$1,885.45	\$1,885.45	\$4,762.10	\$4,762.10	\$1,942.01	\$1,942.01	\$1,979.72	\$1,979.72	\$2,642.32	\$2,642.32				
		MOTOR: CUMMINS 350	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$4,369.40	\$4,369.40	\$4,083.56	\$4,083.56	\$4,500.48	\$4,500.48	\$4,587.87	\$4,587.87	\$4,385.33	\$4,385.33				
		MOTOR: CUMMINS 210	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$4,328.14	\$4,328.14	\$4,044.99	\$4,044.99	\$4,457.98	\$4,457.98	\$4,544.55	\$4,544.55	\$4,343.91	\$4,343.91				
		MOTORES ELECTRONICOS																	
		MOTOR: CATERPILLAR ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$4,960.53	\$4,960.53	\$4,636.01	\$4,636.01	\$5,109.35	\$5,109.35	\$5,208.56	\$5,208.56	\$4,978.61	\$4,978.61				
		MOTOR: CATERPILLAR BICOMBUSTIBLE	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$4,985.62	\$4,985.62	\$4,659.46	\$4,659.46	\$5,135.19	\$5,135.19	\$5,234.90	\$5,234.90	\$5,003.79	\$5,003.79				
		MOTOR: NAVISTAR ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$4,683.40	\$4,683.40	\$4,377.01	\$4,377.01	\$4,823.90	\$4,823.90	\$4,917.57	\$4,917.57	\$4,700.47	\$4,700.47				

CUADRO COMPARATIVO (ESTUDIO DE MERCADO)

NO. DE REQUERIMIENTO:		01-019				P.P.				3552					
PARTIDA		Reparación, mantenimiento y conservación de equipo de transporte destinados a servicios públicos y operación de programas públicos.													
DIRECCIÓN GENERAL:		DIRECCIÓN GENERAL DE RECURSOS MATERIALES, ABASTECIMIENTOS Y SERVICIOS GENERALES.													
OFICINA SOLICITANTE:		JEFATURA DE UNIDAD DEPARTAMENTAL DE CONTROL VEHICULAR Y TALLERES.													
Part.	Concepto	MOTOR	Cant.	U/M	TIEMPO DE ENTREGA Y GARANTIA	SERVICIOS CORPORATIVOS KEMPLER S.A. DE C.V.		SERVICIOS MOTRICES INTEGRALES S.A. DE C.V.		SERVICIOS JORO, S.A. DE C.V.		TCI, S.A. DE C.V.		PROMEDIO DE PRECIOS	
						P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe
111	REPARACION DE ODOMETRO Y CALIBRACION	MOTOR: M. BENZ COMMON RAIL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$4,879.46	\$4,879.46	\$4,560.24	\$4,560.24	\$5,025.84	\$5,025.84	\$5,123.43	\$5,123.43	\$4,897.25	\$4,897.25
		MOTOR: CUMMINS COMMON RAIL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$4,985.62	\$4,985.62	\$4,659.46	\$4,659.46	\$5,135.19	\$5,135.19	\$5,234.98	\$5,234.98	\$5,803.79	\$5,003.79
		MOTOR: CUMMINS ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$6,918.24	\$6,918.24	\$6,465.65	\$6,465.65	\$7,125.79	\$7,125.79	\$7,264.15	\$7,264.15	\$6,943.46	\$6,943.46
		MOTOR MAXFORCE	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$6,683.87	\$6,683.87	\$6,246.61	\$6,246.61	\$6,884.39	\$6,884.39	\$7,818.06	\$7,018.06	\$6,788.23	\$6,708.23
		MOTORES CONVENCIONALES													
		MOTOR: M. BENZ	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$6,934.46	\$6,934.46	\$4,480.80	\$4,480.80	\$7,142.49	\$7,142.49	\$7,281.18	\$7,281.18	\$6,459.73	\$6,459.73
		MOTOR: CATERPILLAR	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$6,871.06	\$6,871.06	\$4,421.55	\$4,421.55	\$7,877.19	\$7,077.19	\$7,214.61	\$7,214.61	\$6,396.10	\$6,396.10
		MOTOR: NAVISTAR	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$6,884.35	\$6,684.35	\$4,433.97	\$4,433.97	\$7,890.85	\$7,090.88	\$7,228.57	\$7,228.57	\$6,409.44	\$6,489.44
		MOTOR: PERKINS	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$6,899.09	\$6,899.09	\$4,447.75	\$4,447.75	\$7,106.06	\$7,106.06	\$7,244.84	\$7,244.84	\$6,424.24	\$6,424.24
		MOTOR: PHASER	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$6,934.46	\$6,934.46	\$4,488.80	\$4,488.80	\$7,142.49	\$7,142.49	\$7,281.18	\$7,281.18	\$6,459.73	\$6,459.73
		MOTOR: CUMMINS 350	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$6,512.65	\$6,512.65	\$4,086.78	\$4,086.78	\$6,708.24	\$6,708.24	\$6,838.49	\$6,838.49	\$6,036.59	\$6,036.59
		MOTOR: CUMMINS 210	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$6,787.05	\$6,787.05	\$5,343.04	\$5,343.04	\$6,990.66	\$6,990.66	\$7,126.40	\$7,126.40	\$6,561.79	\$6,561.79
		MOTORES ELECTRONICOS													
		MOTOR: CATERPILLAR ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$6,871.06	\$6,871.06	\$6,421.55	\$6,421.55	\$7,077.19	\$7,077.19	\$7,214.61	\$7,214.61	\$6,896.10	\$6,896.10
		MOTOR: CATERPILLAR BICOMBUSTIBLE	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$6,884.35	\$6,884.35	\$6,433.97	\$6,433.97	\$7,090.89	\$7,090.88	\$7,226.57	\$7,228.57	\$6,909.44	\$6,909.44
		MOTOR: NAVISTAR ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$6,899.08	\$6,899.09	\$6,447.74	\$6,447.74	\$7,106.05	\$7,106.05	\$7,244.03	\$7,244.03	\$6,924.23	\$6,924.23
			CAMBIO Y/O SUMINISTRO DE ODOMETRO	MOTOR: M. BENZ COMMON RAIL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$6,934.46	\$6,934.46	\$6,480.80	\$6,480.80	\$7,142.49	\$7,142.49	\$7,261.18	\$7,281.18
MOTOR: CUMMINS COMMON RAIL	1			SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$6,512.65	\$6,512.65	\$6,086.78	\$6,086.78	\$6,708.24	\$6,708.24	\$6,838.49	\$6,838.49	\$6,536.59	\$6,536.59
MOTOR: CUMMINS ELECTRONICO	1			SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$9,502.44	\$9,502.44	\$8,880.78	\$8,880.78	\$9,787.51	\$9,787.51	\$9,977.56	\$9,977.56	\$8,537.07	\$8,537.07
MOTOR MAXFORCE	1			SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$8,237.41	\$8,237.41	\$7,698.52	\$7,698.52	\$8,484.53	\$8,484.53	\$8,649.28	\$8,649.28	\$8,267.43	\$8,267.43
MOTORES CONVENCIONALES															
MOTOR: M. BENZ	1			SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$6,940.93	\$6,480.80	\$6,480.80	\$6,480.80	\$7,149.16	\$6,675.22	\$7,287.98	\$6,804.84	\$6,964.72	\$6,964.72
MOTOR: CATERPILLAR	1			SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$6,877.47	\$6,421.55	\$6,421.55	\$6,421.59	\$7,083.79	\$6,614.19	\$7,221.34	\$6,742.63	\$6,901.04	\$6,901.04
MOTOR: NAVISTAR	1			SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$8,898.78	\$6,433.97	\$6,433.97	\$6,433.97	\$7,097.50	\$6,826.99	\$7,235.32	\$6,755.67	\$6,914.39	\$6,914.39
MOTOR: PERKINS	1			SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$6,905.53	\$6,447.75	\$6,447.75	\$6,447.75	\$7,112.70	\$6,641.18	\$7,250.81	\$6,770.13	\$6,929.19	\$6,929.19
MOTOR: PHASER	1			SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$6,940.93	\$6,480.88	\$6,480.80	\$6,480.80	\$7,149.16	\$6,675.22	\$7,287.98	\$6,804.84	\$6,964.72	\$6,964.72
MOTOR: CUMMINS 350	1			SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$6,518.97	\$6,886.78	\$6,086.78	\$6,086.78	\$6,714.54	\$6,269.38	\$6,844.92	\$6,391.12	\$6,541.30	\$6,541.30
MOTOR: CUMMINS 210	1			SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$6,793.39	\$6,343.04	\$6,343.04	\$6,343.84	\$6,997.19	\$6,533.33	\$7,133.06	\$6,660.19	\$6,816.67	\$6,816.67
MOTORES ELECTRONICOS															
MOTOR: CATERPILLAR ELECTRONICO	1			SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$8,019.47	\$8,421.55	\$8,421.55	\$8,421.55	\$9,290.05	\$8,674.19	\$9,470.44	\$8,842.63	\$9,050.38	\$9,050.38
MOTOR: CATERPILLAR BICOMBUSTIBLE	1			SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$9,032.78	\$8,433.97	\$8,433.97	\$8,433.97	\$9,303.76	\$8,686.99	\$9,484.42	\$8,856.67	\$9,063.73	\$9,063.73
MOTOR: NAVISTAR ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$9,047.52	\$8,447.74	\$8,447.74	\$8,447.74	\$9,318.95	\$8,781.17	\$9,499.90	\$8,870.12	\$8,078.52	\$9,078.52		

CUADRO COMPARATIVO (ESTUDIO DE MERCADO)

NO. DE REQUERIMIENTO:		01-019				P.P.				3552					
PARTIDA:		Reparación, mantenimiento y conservación de equipo de transporte destinados a servicios públicos y operación de programas públicos.													
DIRECCIÓN GENERAL:		DIRECCIÓN GENERAL DE RECURSOS MATERIALES, ABASTECIMIENTOS Y SERVICIOS GENERALES.													
OFICINA SOLICITANTE:		JEFATURA DE UNIDAD DEPARTAMENTAL DE CONTROL VEHICULAR Y TALLERES.													
Part.	Concepto	MOTOR	Cant.	U/M	TIEMPO DE ENTREGA Y GARANTIA	SERVICIOS CORPORATIVOS KEMPLER S.A. DE C.V.		SERVICIOS MOTRICES INTEGRALES S.A. DE C.V.		SERVICIOS JORO, S.A. DE C.V.		TCI, S.A. DE C.V.		PROMEDIO DE PRECIOS	
						P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe
		MOTOR: M. BENZ COMMON RAIL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$9,082.93	\$8,480.80	\$8,480.80	\$8,480.80	\$9,355.42	\$8,735.22	\$8,537.08	\$8,904.84	\$9,114.06	\$9,114.06
		MOTOR: CUMMINS COMMON RAIL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$8,660.93	\$8,086.78	\$8,086.78	\$8,086.78	\$8,920.76	\$8,329.38	\$9,093.98	\$8,491.12	\$8,690.61	\$8,690.61
		MOTOR: CUMMINS ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$9,511.32	\$8,880.78	\$8,880.78	\$8,880.78	\$9,796.66	\$9,147.21	\$9,986.89	\$9,324.82	\$9,543.91	\$9,543.91
		MOTOR MAXFORCE	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$10,387.11	\$9,698.52	\$9,698.52	\$9,698.52	\$10,698.72	\$9,989.47	\$10,906.47	\$10,183.44	\$10,422.70	\$10,422.70
113	CAMBIO DE RETEN TRASERO DE CIGUEÑAL	DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$2,869.64	\$2,869.64	\$2,681.91	\$2,681.91	\$2,955.73	\$2,955.73	\$3,013.12	\$3,013.12	\$2,880.10	\$2,880.10
		DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$9,598.85	\$9,598.85	\$8,970.89	\$8,970.89	\$9,886.82	\$9,886.82	\$10,078.79	\$10,078.79	\$9,633.84	\$9,633.84
114	CAMBIO DE RETEN DELANTERO DE CIGUEÑAL	DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$2,869.64	\$2,869.64	\$2,681.91	\$2,681.91	\$2,955.73	\$2,955.73	\$3,013.12	\$3,013.12	\$2,880.10	\$2,880.10
		DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$9,598.85	\$9,598.85	\$8,970.89	\$8,970.89	\$9,886.82	\$9,886.82	\$10,078.79	\$10,078.79	\$9,633.84	\$9,633.84
115	CAMBIO DE TAPA DE DISTRIBUCION	DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$28,918.89	\$28,918.89	\$27,027.00	\$27,027.00	\$29,786.46	\$29,786.46	\$30,364.83	\$30,364.83	\$29,024.30	\$29,024.30
		DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$49,495.79	\$49,495.79	\$46,257.75	\$46,257.75	\$50,980.66	\$50,980.66	\$51,970.58	\$51,970.58	\$49,676.20	\$49,676.20
116	CAMBIO DE POLEA DE CIGUEÑAL	DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$17,306.64	\$17,306.64	\$16,174.62	\$16,174.62	\$17,826.05	\$17,826.05	\$18,172.18	\$18,172.18	\$17,369.92	\$17,369.92
		DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$17,306.64	\$17,306.64	\$16,174.62	\$16,174.62	\$17,826.05	\$17,826.05	\$18,172.18	\$18,172.18	\$17,369.92	\$17,369.92
117	CAMBIO DE VOLANTE DE MOTRIZ Y TORNILLERIA	DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$8,310.84	\$8,310.84	\$7,767.14	\$7,767.14	\$8,560.17	\$8,560.17	\$8,726.38	\$8,726.38	\$8,341.13	\$8,341.13
		DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$24,625.55	\$24,625.55	\$23,014.53	\$23,014.53	\$25,354.32	\$25,354.32	\$25,956.83	\$25,956.83	\$24,715.31	\$24,715.31
118	CAMBIO DE TANQUE RECUPERADOR DE AGUA, SUMINISTRO DE ANTICONGELANTE Y TAPONES	DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$11,122.65	\$11,122.65	\$10,395.00	\$10,395.00	\$11,456.33	\$11,456.33	\$11,678.78	\$11,678.78	\$11,163.18	\$11,163.18
		DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$16,683.88	\$16,683.88	\$15,582.50	\$15,582.50	\$17,184.50	\$17,184.50	\$17,518.18	\$17,518.18	\$16,744.79	\$16,744.79
119	REPARACIÓN DE TURBO CARGADOR, INCLUYE TORNILLOS DE INSTALACIÓN MANGUERAS Y ABRAZADERAS.	MOTORES CONVENCIONALES													
		MOTOR: M. BENZ	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$19,164.33	\$19,164.33	\$17,910.59	\$17,910.59	\$19,739.26	\$19,739.26	\$20,122.55	\$20,122.55	\$19,234.18	\$19,234.18
		MOTOR: CATERPILLAR	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$19,586.99	\$19,586.99	\$18,305.60	\$18,305.60	\$20,174.60	\$20,174.60	\$20,566.34	\$20,566.34	\$19,658.38	\$19,658.38
		MOTOR: NAVISTAR	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$17,095.51	\$17,095.51	\$15,977.12	\$15,977.12	\$17,808.38	\$17,808.38	\$17,950.29	\$17,950.29	\$17,157.82	\$17,157.82
		MOTOR: PERKINS	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$17,128.88	\$17,128.88	\$16,008.30	\$16,008.30	\$17,642.75	\$17,642.75	\$17,985.32	\$17,985.32	\$17,191.31	\$17,191.31
		MOTOR: PHASER	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$17,173.37	\$17,173.37	\$16,049.88	\$16,049.88	\$17,688.57	\$17,688.57	\$18,032.04	\$18,032.04	\$17,235.96	\$17,235.96
		MOTOR: CUMMINS 350	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$19,586.99	\$19,586.99	\$18,305.60	\$18,305.60	\$20,174.60	\$20,174.60	\$20,566.34	\$20,566.34	\$19,659.38	\$19,659.38
		MOTOR: CUMMINS 210	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$18,396.86	\$18,396.86	\$17,193.33	\$17,193.33	\$18,948.77	\$18,948.77	\$19,316.70	\$19,316.70	\$18,463.91	\$18,463.91
		MOTORES ELECTRONICOS													
		MOTOR: CATERPILLAR ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$31,988.74	\$31,988.74	\$29,896.02	\$29,896.02	\$32,948.40	\$32,948.40	\$33,588.18	\$33,588.18	\$32,105.33	\$32,105.33
		MOTOR: CATERPILLAR BICOMBUSTIBLE	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$31,988.74	\$31,988.74	\$29,896.02	\$29,896.02	\$32,948.40	\$32,948.40	\$33,588.18	\$33,588.18	\$32,105.33	\$32,105.33
		MOTOR: NAVISTAR ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$30,998.83	\$30,998.83	\$28,970.67	\$28,970.67	\$31,928.79	\$31,928.79	\$32,548.77	\$32,548.77	\$31,111.82	\$31,111.82
		MOTOR: M. BENZ COMMON RAIL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$30,687.39	\$30,687.39	\$28,679.81	\$28,679.81	\$31,808.01	\$31,808.01	\$32,221.76	\$32,221.76	\$30,799.24	\$30,799.24
		MOTOR: CUMMINS COMMON RAIL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$29,997.79	\$29,997.79	\$28,035.32	\$28,035.32	\$30,897.72	\$30,897.72	\$31,497.68	\$31,497.68	\$30,107.13	\$30,107.13
		MOTOR: CUMMINS ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$32,511.51	\$32,511.51	\$30,384.59	\$30,384.59	\$33,486.86	\$33,486.86	\$34,137.09	\$34,137.09	\$32,830.01	\$32,830.01

CUADRO COMPARATIVO (ESTUDIO DE MERCADO)

NO. DE REQUERIMIENTO:		01-019				P.P.				3552					
PARTIDA		Reparación, mantenimiento y conservación de equipo de transporte destinados a servicios públicos y operación de programas públicos.													
DIRECCIÓN GENERAL:		DIRECCIÓN GENERAL DE RECURSOS MATERIALES, ABASTECIMIENTOS Y SERVICIOS GENERALES.													
OFICINA SOLICITANTE:		JEFATURA DE UNIDAD DEPARTAMENTAL DE CONTROL VEHICULAR Y TALLERES.													
Part.	Concepto	MOTOR	Cant.	U/M	TIEMPO DE ENTREGA Y GARANTIA	SERVICIOS CORPORATIVOS KEMPLER S.A. DE C.V.		SERVICIOS MOTRICES INTEGRALES S.A. DE C.V.		SERVICIOS JORO, S.A. DE C.V.		TCI, S.A. DE C.V.		PROMEDIO DE PRECIOS	
						P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe
120	CAMBIO DE TURBO CARGADOR, INCLUYE TORNILLOS DE INSTALACIÓN, MANGUERAS Y ARRAZADERAS	MOTOR MAXFORCE	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$62,631.64	\$62,631.64	\$58,534.25	\$58,534.25	\$64,510.59	\$64,510.59	\$65,763.22	\$65,763.22	\$62,859.92	\$62,859.92
		MOTORES CONVENCIONALES													
		MOTOR: M. BENZ	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$33,787.27	\$33,787.27	\$31,576.89	\$31,576.89	\$34,400.89	\$34,400.89	\$35,476.63	\$35,476.63	\$33,910.42	\$33,910.42
		MOTOR: CATERPILLAR	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$31,732.92	\$31,732.92	\$29,656.94	\$29,656.94	\$32,684.91	\$32,684.91	\$33,319.57	\$33,319.57	\$31,848.58	\$31,848.58
		MOTOR: NAVISTAR	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$30,787.58	\$30,787.58	\$28,773.36	\$28,773.36	\$31,711.13	\$31,711.13	\$32,326.88	\$32,326.88	\$30,899.72	\$30,899.72
		MOTOR: PERKINS	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$31,454.85	\$31,454.85	\$29,397.06	\$29,397.06	\$32,398.50	\$32,398.50	\$33,027.59	\$33,027.59	\$31,569.58	\$31,569.58
		MOTOR: MASER	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$31,165.67	\$31,165.67	\$29,126.79	\$29,126.79	\$32,180.64	\$32,180.64	\$32,723.95	\$32,723.95	\$31,279.26	\$31,279.26
		MOTOR: CUMMINS 350	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$33,545.91	\$33,545.91	\$31,351.32	\$31,351.32	\$34,552.29	\$34,552.29	\$35,223.21	\$35,223.21	\$33,668.18	\$33,668.18
		MOTOR: CUMMINS 210	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$33,612.60	\$33,612.60	\$31,413.69	\$31,413.69	\$34,620.98	\$34,620.98	\$35,293.23	\$35,293.23	\$33,735.12	\$33,735.12
		MOTORES ELECTRONICOS													
		MOTOR: CATERPILLAR ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$58,562.80	\$58,562.80	\$54,758.47	\$54,758.47	\$60,339.46	\$60,339.46	\$61,511.18	\$61,511.18	\$58,795.76	\$58,795.76
		MOTOR: CATERPILLAR BICOMBUSTIBLE	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$48,867.36	\$48,867.36	\$45,678.43	\$45,678.43	\$50,333.38	\$50,333.38	\$51,310.73	\$51,310.73	\$49,045.48	\$49,045.48
		MOTOR: NAVISTAR ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$52,854.83	\$52,854.83	\$49,397.84	\$49,397.84	\$54,440.47	\$54,440.47	\$55,497.57	\$55,497.57	\$53,847.48	\$53,847.48
		MOTOR: M. BENZ COMMON RAIL	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$51,420.41	\$51,420.41	\$48,056.09	\$48,056.09	\$52,962.61	\$52,962.61	\$53,991.01	\$53,991.01	\$51,687.43	\$51,687.43
		MOTOR: CUMMINS COMMON RAIL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$47,268.14	\$47,268.14	\$44,166.36	\$44,166.36	\$48,677.94	\$48,677.94	\$49,623.15	\$49,623.15	\$47,432.40	\$47,432.40
		MOTOR: CUMMINS ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$61,045.54	\$61,045.54	\$57,851.91	\$57,851.91	\$62,876.91	\$62,876.91	\$64,897.62	\$64,897.62	\$61,268.84	\$61,268.84
		121	CAMBIO DE LARGUEROS DE CARGA (MADERA).	MOTOR MAXFORCE	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$131,236.15	\$131,236.15	\$122,650.61	\$122,650.61	\$135,173.23	\$135,173.23	\$137,797.96	\$137,797.96
CAMION DE VOLTEO	1			SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$23,246.34	\$23,246.34	\$21,725.55	\$21,725.55	\$23,943.73	\$23,943.73	\$24,408.66	\$24,408.66	\$23,331.87	\$23,331.87
CAMION RECOLECTOR DE BASURA	1			SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$23,246.34	\$23,246.34	\$21,725.55	\$21,725.55	\$23,943.73	\$23,943.73	\$24,408.66	\$24,408.66	\$23,331.87	\$23,331.87
122	REPARACION DE BOMBA HIDRAULICA Y SUMINISTRO DE ACEITE HIDRAULICO	PIPR	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$23,246.34	\$23,246.34	\$21,725.55	\$21,725.55	\$23,943.73	\$23,943.73	\$24,408.66	\$24,408.66	\$23,331.87	\$23,331.87
		CAMION RECOLECTOR DE BASURA	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$38,439.88	\$38,439.88	\$35,706.83	\$35,706.83	\$39,593.88	\$39,593.88	\$40,361.87	\$40,361.87	\$38,525.41	\$38,525.41
		VOLTEO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$38,439.88	\$38,439.88	\$35,706.83	\$35,706.83	\$39,593.88	\$39,593.88	\$40,361.87	\$40,361.87	\$38,525.41	\$38,525.41
123	REPARACION DE TOMA DE FUERZA Y SUMINISTRO DE ACEITE HIDRAULICO	BRAZO HIDRAULICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$38,439.88	\$38,439.88	\$35,706.83	\$35,706.83	\$39,593.88	\$39,593.88	\$40,361.87	\$40,361.87	\$38,525.41	\$38,525.41
		CAMION RECOLECTOR DE BASURA	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$25,537.60	\$25,537.60	\$23,236.98	\$23,236.98	\$26,303.73	\$26,303.73	\$26,814.48	\$26,814.48	\$27,473.20	\$27,473.20
		VOLTEO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$25,537.60	\$25,537.60	\$23,236.98	\$23,236.98	\$26,303.73	\$26,303.73	\$26,814.48	\$26,814.48	\$27,473.20	\$27,473.20
124	REPARACION DE BANCO DE VALVULAS Y SUMINISTRO DE ACEITE HIDRAULICO	BRAZO HIDRAULICO	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$25,537.60	\$25,537.60	\$23,236.98	\$23,236.98	\$26,303.73	\$26,303.73	\$26,814.48	\$26,814.48	\$27,473.20	\$27,473.20
		CAMION RECOLECTOR DE BASURA	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$55,835.78	\$55,835.78	\$52,182.90	\$52,182.90	\$57,518.77	\$57,518.77	\$58,627.49	\$58,627.49	\$56,039.21	\$56,039.21
125	REPARACION DEL BLOCK DE AVANCE Y RETROCESO Y SUMINISTRO DE ACEITE HIDRAULICO	BRAZO HIDRAULICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$55,835.78	\$55,835.78	\$52,183.90	\$52,183.90	\$57,518.77	\$57,518.77	\$58,627.49	\$58,627.49	\$56,039.21	\$56,039.21
		CAMION RECOLECTOR DE BASURA	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$51,136.38	\$51,136.38	\$47,791.01	\$47,791.01	\$52,670.47	\$52,670.47	\$53,693.20	\$53,693.20	\$51,322.77	\$51,322.77
		BRAZO HIDRAULICO	1	SERVICIO	85 DIAS HABILES/90 DIAS HABILES	\$51,136.38	\$51,136.38	\$47,792.81	\$47,792.81	\$52,670.47	\$52,670.47	\$53,693.20	\$53,693.20	\$51,323.82	\$51,323.82
		CAMION RECOLECTOR DE BASURA	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$26,683.24	\$26,683.24	\$24,937.61	\$24,937.61	\$27,483.74	\$27,483.74	\$28,017.40	\$28,017.40	\$26,788.50	\$26,788.50

CUADRO COMPARATIVO (ESTUDIO DE MERCADO)

NO. DE REQUERIMIENTO:		01-019				P.P.				3552					
PARTIDA		Reparación, mantenimiento y conservación de equipo de transporte destinados a servicios públicos y operación de programas públicos.													
DIRECCIÓN GENERAL:		DIRECCIÓN GENERAL DE RECURSOS MATERIALES, ABASTECIMIENTOS Y SERVICIOS GENERALES.													
OFICINA SOLICITANTE:		JEFATURA DE UNIDAD DEPARTAMENTAL DE CONTROL VEHICULAR Y TALLERES.													
Part.	Concepto	MOTOR	Cant.	U/M	TIEMPO DE ENTREGA Y GARANTIA	SERVICIOS CORPORATIVOS KEMPLER S.A. DE C.V.		SERVICIOS MOTRICES INTEGRALES S.A. DE C.V.		SERVICIOS JORO, S.A. DE C.V.		TCI, S.A. DE C.V.		PROMEDIO DE PRECIOS	
						P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe
126	EMPACAR GATO DE LEVANTE Y SUMINISTRO DE ACEITE HIDRAULICO	VOLTEO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$26,683.24	\$26,683.24	\$24,938.61	\$24,938.61	\$27,483.74	\$27,483.74	\$28,017.40	\$28,017.40	\$26,780.75	\$26,780.75
		BRAZO HIDRAULICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$26,683.24	\$26,683.24	\$24,939.61	\$24,939.61	\$27,483.74	\$27,483.74	\$28,017.40	\$28,017.40	\$26,781.00	\$26,781.00
127	EMPACAR GATO DE EXTENSION Y SUMINISTRO DE ACEITE HIDRAULICO	BRAZO HIDRAULICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$38,039.46	\$38,039.46	\$35,550.90	\$35,550.90	\$39,180.64	\$39,180.64	\$39,941.43	\$39,941.43	\$38,178.11	\$38,178.11
128	REPARACION DE BASE GIRATORIA Y SUMINISTRO DE ACEITE HIDRAULICO	BRAZO HIDRAULICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$90,349.29	\$90,349.29	\$84,438.59	\$84,438.59	\$93,059.77	\$93,059.77	\$94,866.75	\$94,866.75	\$90,678.60	\$90,678.60
129	REPARACIÓN DE VÁLVULAS ELECTROHIDRÁULICAS, VÁLVULAS REPARTIDORAS Y OEALIVIO, Y SUMINISTRO DE ACEITE HIDRAULICO	CAMION RECOLECTOR DE BASURA	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$58,605.24	\$58,605.24	\$54,771.26	\$54,771.26	\$60,363.40	\$60,363.40	\$61,535.50	\$61,535.50	\$58,818.85	\$58,818.85
		BRAZO HIDRAULICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$58,605.24	\$58,605.24	\$54,772.26	\$54,772.26	\$60,363.40	\$60,363.40	\$61,535.50	\$61,535.50	\$58,819.10	\$58,819.10
130	CAMBIO DE PISTON DE LEVANTE Y SUMINISTRO DE ACEITE HIDRAULICO	CAMION RECOLECTOR DE BASURA	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$63,877.38	\$63,877.38	\$57,247.35	\$57,247.35	\$65,793.70	\$65,793.70	\$67,071.25	\$67,071.25	\$63,497.42	\$63,497.42
		VOLTEO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$63,877.38	\$63,877.38	\$54,248.35	\$54,248.35	\$65,793.70	\$65,793.70	\$67,071.25	\$67,071.25	\$62,747.67	\$62,747.67
		BRAZO HIDRAULICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$63,877.38	\$63,877.38	\$61,249.35	\$61,249.35	\$65,793.70	\$65,793.70	\$67,071.25	\$67,071.25	\$64,497.92	\$64,497.92
131	CAMBIO DE TOMA DE FUERZA Y SUMINISTRO DE ACEITE HIDRAULICO	CAMION RECOLECTOR DE BASURA	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$60,184.66	\$60,184.66	\$56,247.35	\$56,247.35	\$61,990.20	\$61,990.20	\$63,193.89	\$63,193.89	\$60,404.02	\$60,404.02
		VOLTEO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$60,184.66	\$60,184.66	\$53,248.35	\$53,248.35	\$61,990.20	\$61,990.20	\$63,193.89	\$63,193.89	\$59,654.27	\$59,654.27
		BRAZO HIDRAULICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$60,184.66	\$60,184.66	\$54,249.35	\$54,249.35	\$61,990.20	\$61,990.20	\$63,193.89	\$63,193.89	\$59,904.52	\$59,904.52
132	CAMBIO DE MANUELAS Y CONEXIONES DE ALTA PRESION Y SUMINISTRO DE ACEITE HIDRAULICO	CAMION RECOLECTOR DE BASURA	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$14,389.44	\$14,389.44	\$17,448.07	\$17,448.07	\$14,821.12	\$14,821.12	\$15,108.91	\$15,108.91	\$15,441.89	\$15,441.89
		VOLTEO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$14,389.44	\$14,389.44	\$13,448.07	\$13,448.07	\$14,821.12	\$14,821.12	\$15,108.91	\$15,108.91	\$14,441.89	\$14,441.89
		BRAZO HIDRAULICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$14,389.44	\$14,389.44	\$19,449.07	\$19,449.07	\$14,821.12	\$14,821.12	\$15,108.91	\$15,108.91	\$15,942.14	\$15,942.14
133	CANASTILLA BASE Y SOPORTES	BRAZO HIDRAULICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$14,389.44	\$14,389.44	\$42,609.11	\$42,609.11	\$14,821.12	\$14,821.12	\$15,108.91	\$15,108.91	\$21,732.15	\$21,732.15
134	CAMBIO DE CMCOTE DE TOMA DE FUERZA, TORNILLOS Y SOPORTES	CAMION RECOLECTOR DE BASURA	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$7,178.56	\$7,178.56	\$9,708.93	\$9,708.93	\$7,383.92	\$7,383.92	\$7,537.49	\$7,537.49	\$7,704.72	\$7,704.72
		VOLTEO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$7,178.56	\$7,178.56	\$6,709.93	\$6,709.93	\$7,383.92	\$7,383.92	\$7,537.49	\$7,537.49	\$7,204.97	\$7,204.97
		BRAZO HIDRAULICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$7,178.56	\$7,178.56	\$9,110.93	\$9,110.93	\$7,383.92	\$7,383.92	\$7,537.49	\$7,537.49	\$7,805.22	\$7,805.22
135	BALANCEO DE INYECTORES C/U	DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$1,879.73	\$1,879.73	\$2,203.74	\$2,203.74	\$1,936.12	\$1,936.12	\$1,973.72	\$1,973.72	\$1,998.33	\$1,998.33
		DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$2,358.00	\$2,358.00	\$2,204.74	\$2,204.74	\$2,428.74	\$2,428.74	\$2,475.90	\$2,475.90	\$2,366.85	\$2,366.85
136	CORREGIR FUGAS DE SISTEMA DE ESCAPE (OLUCION)	DIESEL CONVENCIONAL	1	SERVICIO	45 DIAS HABILES/90 DIAS HABILES	\$2,593.80	\$2,593.80	\$2,424.11	\$2,424.11	\$2,671.61	\$2,671.61	\$2,723.49	\$2,723.49	\$2,603.25	\$2,603.25
		DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$3,065.40	\$3,065.40	\$2,864.86	\$2,864.86	\$3,157.36	\$3,157.36	\$3,218.67	\$3,218.67	\$3,076.57	\$3,076.57
137	CORREGIR FUGAS DE COMBUSTIBLE	DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$1,532.70	\$1,532.70	\$1,432.43	\$1,432.43	\$1,578.68	\$1,578.68	\$1,609.34	\$1,609.34	\$1,538.29	\$1,538.29
		DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$2,122.20	\$2,122.20	\$1,983.37	\$1,983.37	\$2,185.87	\$2,185.87	\$2,228.31	\$2,228.31	\$2,129.94	\$2,129.94
138	CORREGIR FUGAS DE SISTEMA DE ENFRIAMIENTO Y SUMINISTRO DE ANTICONGELANTE	DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$2,358.00	\$2,358.00	\$2,203.74	\$2,203.74	\$2,428.74	\$2,428.74	\$2,475.90	\$2,475.90	\$2,366.60	\$2,366.60
		DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$2,947.50	\$2,947.50	\$2,754.68	\$2,754.68	\$3,035.93	\$3,035.93	\$3,094.88	\$3,094.88	\$2,958.24	\$2,958.24
139	CORREGIR VALORES DE COMBUSTIBLE (DOSIFICACION)	DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$14,743.45	\$14,743.45	\$13,124.72	\$13,124.72	\$25,485.75	\$25,485.75	\$25,980.62	\$25,980.62	\$22,333.64	\$22,333.64
		DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$24,743.45	\$24,743.45	\$19,852.00	\$19,852.00	\$25,485.75	\$25,485.75	\$25,980.62	\$25,980.62	\$24,015.46	\$24,015.46
140	INSPECCION FISICA MECANICA Y DIAGNOSTICO	DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$2,947.50	\$2,947.50	\$2,754.68	\$2,754.68	\$3,035.93	\$3,035.93	\$3,094.88	\$3,094.88	\$2,958.24	\$2,958.24

CUADRO COMPARATIVO (ESTUDIO DE MERCADO)

ND. DE REQUERIMIENTO:		01-019				P.P.				3562			
PARTIDA		Reparación, mantenimiento y conservación de equipo de transporte destinados a servicios públicos y operación de programas públicos.											
DIRECCIÓN GENERAL:		DIRECCIÓN GENERAL DE RECURSOS MATERIALES, ABASTECIMIENTOS Y SERVICIOS GENERALES.											
OFICINA SOLICITANTE:		JEFATURA DE UNIDAD DEPARTAMENTAL DE CONTROL VEHICULAR Y TALLERES.											

Part.	Concepto	MOTOR	Cant.	U/M	TIEMPO DE ENTREGA Y GARANTIA	SERVICIOS CORPORATIVOS KEMPLER S.A. DE C.V.		SERVICIOS MOTRICES INTEGRALES S.A. DE C.V.		SERVICIOS JORO, S.A. DE C.V.		TCI, S.A. DE C.V.		PROMEDIO DE PRECIOS	
						P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe	P. U.	Importe
		DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$2,947.50	\$2,947.50	\$2,755.68	\$2,755.68	\$3,035.93	\$3,035.93	\$3,094.98	\$3,094.88	\$2,958.49	\$2,958.49
141	ESCANEO DE SISTEMA, DIAGNOSTICO Y BORRADO DE CODIGOS	DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$4,126.50	\$4,126.50	\$3,856.55	\$3,856.55	\$4,250.30	\$4,250.30	\$4,332.93	\$4,332.83	\$4,141.54	\$4,141.54
142	CALIBRAR VALORES	DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$2,113.30	\$2,113.30	\$1,975.05	\$1,975.05	\$2,176.70	\$2,176.70	\$2,218.97	\$2,218.97	\$2,121.00	\$2,121.00
		DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$2,113.30	\$2,113.30	\$1,975.05	\$1,975.05	\$2,176.70	\$2,176.70	\$2,218.97	\$2,218.97	\$2,121.00	\$2,121.00
143	CALIBRAR BOMBA DE COMBUSTIBLE	DIESEL CONVENCIONAL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$3,537.00	\$3,537.00	\$3,305.61	\$3,305.61	\$3,643.11	\$3,643.11	\$3,713.85	\$3,713.85	\$3,549.89	\$3,549.89
		DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$4,126.50	\$4,126.50	\$3,856.55	\$3,856.55	\$4,250.30	\$4,250.30	\$4,332.83	\$4,332.83	\$4,141.54	\$4,141.54
144	CALIBRAR SENSORES	DIESEL ELECTRONICO	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$2,113.30	\$2,113.30	\$1,975.05	\$1,975.05	\$2,176.70	\$2,176.70	\$2,218.97	\$2,218.97	\$2,121.00	\$2,121.00
145	PAGO POR DERECHOS DE GASES CONTAMINANTES PARA EL PARQUE VEHICULAR CON MOTOR A GASOLINA O DIESEL *	DIESEL	1	SERVICIO	05 DIAS HABILES/90 DIAS HABILES	\$649.14	\$649.14	\$636.41	\$636.41	\$668.61	\$668.61	\$681.60	\$681.60	\$658.94	\$658.94

Total de la Oferta		Sub-Total	\$14,020,008.79	Sub-Total	\$13,374,738.29	SUBTOTAL	\$14,441,062.25	SUBTOTAL	\$14,721,471.23	SUBTOTAL	\$14,145,533.00
		IVA 16%	\$2,243,271.81	IVA 16%	\$2,139,958.13	IVA	\$2,310,569.96	IVA	\$2,395,435.40	IVA	\$2,263,285.28
		TOTAL	\$16,263,280.60	TOTAL	\$15,514,696.42	TOTAL	\$16,751,632.21	TOTAL	\$17,076,906.63	TOTAL	\$16,408,818.28

* De conformidad con el numeral 5.8.1 fracción II, 4 de la Circular Uno 2024. El presente estudio de mercado no representa un compromiso de compra o contratación con algún proveedor, y su elaboración puede ser para la determinación de precios de referencia.

ELABORÓ

Lic. Princesa Cruz Méndez
J.U.D. de Concursos

REVISÓ

Lic. Jair Eduardo Vázquez Moncada
Coordinador de Almacén, Adquisiciones
y Arrendamientos

AUTORIZÓ

Lic. Ivan Antonio Mujica Olvera
Director de Recursos Materiales,
Abastecimientos y Servicios Generales