

STATE OF MICHIGAN
 Contract No. 071B5500092
 Generator Maintenance Service

**EXHIBIT B
 PRICING**

- The Contract Activities pricing schedule is listed below.
- Prices include all costs, including but not limited to, any one-time or set-up charges, fees, and potential costs that Contractor may charge the State (e.g., shipping and handling, per piece pricing, and palletizing).
- The Contractor will be required to furnish all Contract Activities that may be ordered during the Contract period.

Rates For ALL Generators and Locations										
Standard Hourly Rate	Premium Hourly Rate	Weekend Hourly Rate	Holiday Hourly Rate	% Discount Off List Price For Parts	% Markup On Cost For Parts	Additional charges Or Fees For Repairs	Fuel Gauge Installation (One-time Charge)	Wireless Set Up Fee	Wireless Monthly Fee	Quick Payment terms
\$99.00	\$130.00	\$130.00	\$130.00	0%	25%	\$0.00	\$700.00	\$2,000.00	\$34.00	N/A

ITEM #	Location	Agency Contact	Make/Model	Fuel type/tank capacity - Full load run time with a full tank	State ID/Serial #	Semi-Annual Preventive Service Cost (Each)	Annual Service Cost - includes Load Bank Testing (Each)	Battery Replacement Cost /each	Belt Replacement Cost /each
1	Mason Building 530 W. Allegan, Lansing	DTMB Bob Weldon 517-202-1715 weldonr@michigan.gov John Kinkema 517-243-8942 kinkemaj@michigan.gov	Cummins 350KW Model: 350GFEB	Natural Gas	ID#: Ser#: M14E210392	\$200.00	\$750.00	\$650.00	\$485.00
2	Secondary GOB, 7150 Harris Dr., Dimondale		Caterpillar #98A01809-5 model: 3208 200 KW	Diesel 300 gallons	ID#: Ser#: 5YF03775	\$200.00	\$750.00	\$475.00	\$485.00
3	Secondary SOS, 7064 Crowner Dr., Dimondale (1)		Cummins 500 KW	Diesel 500 gallons	ID#: Ser#: G950582684	\$285.00	\$900.00	\$650.00	\$485.00
4	Secondary SOS, 7064 Crowner Dr., Dimondale (2)		Cummins 500 KW	Diesel 500 gallons	ID#: Ser#: E960606160	\$285.00	\$900.00	\$650.00	\$485.00
5	Secondary SOS, 7064 Crowner Dr., Dimondale (3)		Cummins 1000 KW	Diesel 2400 gallons	ID#: Ser#: L100174436	\$285.00	\$1,600.00	\$650.00	\$485.00
6	Secondary SOS, 7064 Crowner Dr., Dimondale (4)		Cummins 1000 KW	Diesel 2400 gallons	ID#: Ser#: J080218484	\$285.00	\$1,600.00	\$650.00	\$485.00
7	Secondary SOS, 7064 Crowner Dr., Dimondale (5)		Cummins 1000 KW	Diesel 2400 gallons	ID#: Ser#: K080219708	\$285.00	\$1,600.00	\$650.00	\$485.00
8	Secondary SOS, 7064 Crowner Dr., Dimondale (6)		Cummins 1000 KW	Diesel 2400 gallons	ID#: Ser#: D110206897	\$285.00	\$1,600.00	\$650.00	\$485.00
9	Baker-Olin South, N. MLK Blvd, Lansing		ONAN/Ford Model 100 GGHD 277/480V	natural gas	ID#: Ser#: C980713717	\$200.00	\$625.00	\$250.00	\$300.00
10	Austin Building, 430 W. Allegan, Lansing		Cummins 750 KW	Diesel 1000 gallons with 100 gallon day tank	ID#: Ser#: H050819260	\$285.00	\$900.00	\$650.00	\$485.00
11	Operations Center, 7285 Parsons Dr., Dimondale	DTMB Larry Kusnier (Facility Electrician) 517-719-5962 Larry Franklin (Facility Liaison) 517-202-6608	Cummins 750 KW	Diesel 750 gallons	ID#: Ser#: H050813197	\$285.00	\$900.00	\$650.00	\$485.00
12	Cadillac Place – 3044 W. Grand Blvd, Detroit	DTMB Bill Bacalis 517-719-0958	Caterpillar 3512B		ID#: Ser#: 06WN00613	\$285.00	\$2,000.00	\$725.00	\$525.00
13	Cadillac Place – 3044 W. Grand Blvd, Detroit	DTMB Al Vettese 313-456-2371	Caterpillar 3512B		ID#: Ser#: 06WN00614	\$285.00	\$2,000.00	\$725.00	\$525.00

ITEM #	Location	Agency Contact	Make/Model	Fuel type/tank capacity - Full load run time with a full tank	State ID/Serial #	Semi-Annual Preventive Service Cost (Each)	Annual Service Cost - includes Load Bank Testing (Each)	Battery Replacement Cost /each	Belt Replacement Cost /each
14	Energy Center, 7432 Parsons Dr., Dimondale	DTMB Larry Kusnier (Facility Electrician) 517-719-5962 Larry Franklin (Facility Liaison) 517-202-6608	Caterpillar #D348, AA28654000, 1500 kW 3512 motor	1500 Gal. Diesel 20 hrs	ID#: 000882 Ser#:25020-01	\$285.00	\$1,850.00	\$725.00	\$525.00
15	Energy Center, 7432 Parsons Dr., Dimondale		Cummins/Onan 200 DGFC Gen set 200 kW 480/277/208/120 Trailer mounted	Diesel 8 hrs.	ID#: 006922 Ser#:	\$200.00	\$750.00	\$450.00	\$485.00
16	Energy Center, 7432 Parsons Dr., Dimondale		Cummins/Onan Natural Gas PCC Gen set 200 kW 480/277/208/120 Trailer mounted	Diesel 8 hrs.	ID#: 006923 Ser#:	\$200.00	\$750.00	\$450.00	\$485.00
17	Energy Center, 7432 Parsons Dr., Dimondale		Cummins/Onan Diesel PCC Gen. set 350 kW 480/277 Trailer mounted	Diesel 200 gallons	ID#: 006921 Ser#:	\$200.00	\$750.00	\$650.00	\$485.00
18	General Services Bldg., 7461 Crowner Dr., Dimondale		Onan 400DFCE Cummins Diesel H.P.: 605 @1800 RPM KVA: 500 Automatic Transfer Switch: Onan	Diesel 600 gallons 24 hours	ID#: 004333 Ser#:	\$285.00	\$750.00	\$650.00	\$485.00
19	General Services Bldg., 7461 Crowner Dr., Dimondale		Onan 400DFCE Cummins Diesel H.P.: 605 @1800 RPM KVA: 500 Automatic Transfer Switch: Onan	Diesel 600 gallons 24 hours	ID#: 004334 Ser#:	\$285.00	\$750.00	\$650.00	\$485.00
20	MSP Forensic Lab, 7320 N. Canal Rd., Dimondale		Onan DEFCC- 4046466 KVA: 350 480 volt Transfer Switch: Automatic	Diesel 600 gallons 24 hours	ID#: 005265 Ser#:	\$200.00	\$750.00	\$650.00	\$485.00
21	MSP Training Academy, 7426 N. Canal Rd., Dimondale		Onan 50 DEG-15R/12745E Motor: Ford Natural Gas KVA: 62.5 Transfer Switch: Automatic	Diesel 1000 gallons 24 hours	ID#: 003944 Ser#:	\$200.00	\$625.00	\$250.00	\$300.00
22	Constitution Hall, 525 Allegan, Lansing		Onan DFGB Motor: K000174169 KVA: 600 Transfer Switch: Automatic	Diesel 24 hours	ID#: 008404 Ser#:	\$285.00	\$790.00	\$650.00	\$485.00
23	Governor's Residence		Cummins Quiesite GGFE5689885 Motor: Ford KVA: 42 kW Transfer Switch: Automatic	natural gas unlimited	ID#: 008470 Ser#:	\$200.00	\$640.00	\$250.00	\$300.00
24	Grand Tower, 235 S. Grand Ave., Lansing	Caterpillar SR4 750 KVA, 600 kW 3 Phase 480 Volt unit	275 gallons 8.5 hours	ID#: 005461 Ser#: 6FA05754	\$285.00	\$975.00	\$6,650.00	\$485.00	
25	Joint Operations Center, 615 W. Allegan St., Lansing	Onan DFEG KVA: 437, kW: 350 3 Phase 480 Volt unit	Diesel 578 gallons	ID#: 008437 Ser#: D060915377	\$200.00	\$800.00	\$650.00	\$485.00	
26	Lottery Building, 101 E. Hillsdale St., Lansing	Caterpillar 3406 Motor: Caterpillar H.P.: 445 @ 1800 rpm KVA: 350 kW Transfer Switch: Automatic	500 gallons 20 hours	ID#: 001174 Ser#:	\$200.00	\$800.00	\$650.00	\$485.00	
27	Hall of Justice, 925 W. Ottawa St., Lansing	Caterpillar 34T2 KVA: 750, kW:600 3 Phase 480 Volt unit	4000 gallons 160 hours	ID#: 7553 Ser#: AFH00124,BF Z02251	\$285.00	\$1,125.00	\$650.00	\$485.00	
28	Romney Building, 111 S. Capitol Ave., Lansing	Cummins Diesel KTTA-19-G2 H.P.:750 @ 1800 KVA: 500kw Transfer Switch: Automatic	Diesel 500 gallons 20 hours	ID#: 2290	\$285.00	\$1,025.00	\$650.00	\$485.00	
29	Roosevelt Parking Ramp	Onan #35GGFD KVA: 44 kW: 35 3 Phase 480 Volt unit	natural gas unlimited	ID#: 7968 Ser#: 007968	\$200.00	\$650.00	\$250.00	\$300.00	
30	Records Building, 3400 N. Grand River Ave., Lansing, MI 48906	Onan Genset KVA: 44, 480/277 Transfer Switch: Automatic	natural gas unlimited		\$200.00	\$650.00	\$250.00	\$300.00	
31	State Police Headquarters, 333 S. Grand Ave., Lansing, MI 48913	Cummins 500GFGA KVA: 500/480 Transfer Switch: Automatic	natural gas unlimited		\$285.00	\$925.00	\$650.00	\$485.00	

ITEM #	Location	Agency Contact	Make/Model	Fuel type/tank capacity - Full load run time with a full tank	State ID/Serial #	Semi-Annual Preventive Service Cost (Each)	Annual Service Cost - includes Load Bank Testing (Each)	Battery Replacement Cost /each	Belt Replacement Cost /each
32	State Combined Lab, 3350 N. MLK Blvd., Lansing	DTMB Dave Bergeon 517-749-5898 bergeond@michigan.gov Bethany Jensen 517-284-7951	Caterpillar #3512B Motor: 52.8 cu in, KVA: 1500kw at 13,200 volts Transfer Switch: Automatic	Diesel 2,500 gallons 24 hours	ID#: 000604	\$285.00	\$2,600.00	\$725.00	\$525.00
33	Flint State Office Bldg., 125 E. Union St.	DTMB Paul Bates (Facility Electrician) 517-605-0210 Mike Noonan (Facility Liaison) 810-760-2051	Cummins GGLB 5780000 KVA: 150 kW Transfer Switch: Automatic	natural gas unlimited	ID#: 008453 Ser#: K060992342	\$200.00	\$650.00	\$250.00	\$300.00
34	Jerome T. Hart Bldg., 411 E. Genesee Ave., Saginaw		Cummins/Onan #200 DGFC 150 kW 480/277 Transfer Switch: Automatic Onan 225 amp/ 480 volt	natural gas unlimited	ID#: 006369	\$200.00	\$650.00	\$250.00	\$300.00
35	Grand Rapids State Office Bldg., 350 Ottawa Ave., N. W.	DTMB Chet Kendra (Facility Electrician) 616-299-4689 Frank Broderick (Facility Liaison) 616-299-9954	Kohler #20R074/9819A5.6 H.P.: 225 @ 1800 rpm KVA: 175 kW Transfer Switch: Automatic	20 hours	ID#: 001029	\$200.00	\$650.00	\$250.00	\$300.00
36	Camp Grayling JTMC Building 1	DMVA James Shirkey (989) 344-6184 jim.shirkey.nfg@mail.mil	Generac 0055040 17kw		5072677	\$180.00	\$650.00	\$250.00	\$300.00
37	Camp Grayling JTMC Building 115		Generac 0049920 40kw		3889189	\$180.00	\$650.00	\$250.00	\$300.00
38	Camp Grayling JTMC Building 203		Generac 8951930200 135kw		2095994	\$180.00	\$650.00	\$250.00	\$300.00
39	Camp Grayling JTMC Building 950		Cummins 150.00GGLB 150kw		A12029011	\$180.00	\$650.00	\$250.00	\$300.00
40	Camp Grayling JTMC Building 331		Kohler 60RZ272 60kw		273222	\$180.00	\$650.00	\$250.00	\$300.00
41	Camp Grayling JTMC Building 36 - A		John Deere MEP-806B 60kw		HX70508	\$180.00	\$650.00	\$250.00	\$300.00
42	Camp Grayling JTMC Building 36 - B		John Deere MEP-806B		HX70515	\$180.00	\$650.00	\$250.00	\$300.00
43	Camp Grayling JTMC Building 4		Cummins 85.066hg 85kw		J100165597	\$180.00	\$650.00	\$250.00	\$300.00
44	Camp Grayling JTMC Building 524B		Generac QTO2524GNSANA 25kw		4904126	\$180.00	\$650.00	\$250.00	\$300.00
45	Camp Grayling JTMC Building 560		Katolight N350FRZ4 350kw		119887-0306	\$180.00	\$650.00	\$250.00	\$300.00
46	Camp Grayling JTMC Building 642		Kohler 100RZ272 100kw		266996	\$180.00	\$650.00	\$250.00	\$300.00
47	Camp Grayling JTMC Building 410		Cummins 60.0GGHE 60kw		K080223032	\$180.00	\$650.00	\$250.00	\$300.00
48	Camp Grayling JMTC Building 3201R ROCA		Generac/14077080100 150kw	LP	2114971	\$180.00	\$650.00	\$250.00	\$300.00
49	Camp Grayling JTMC Building MPRC		Cummins 47.0GGFE 47kw		L080225776	\$180.00	\$650.00	\$250.00	\$300.00
50	Camp Grayling JTMC Building OP5		Generac QTO2224ANAN 22kw		5335667	\$180.00	\$650.00	\$250.00	\$300.00
51	Camp Grayling JTMC Building 545	Cummins 35.0ggfd 35kw		F060793629	\$180.00	\$650.00	\$250.00	\$300.00	
52	Lansing JFRC Bldg 20 3411 N. MLK Blvd Lansing, MI 48906	DMVA Captain Del Avery (517) 481-7569 delbert.e.avery@mail.mil Ron Souza (517) 481-7546 ronald.d.souza2.nfg@mail.mil	ONAN/Cummins Model DGCG-5689750 277/480V	100 gallons	H040677975	\$200.00	\$650.00	\$250.00	\$300.00
53	Lansing JFRC Bldg 30 3423 N. MLK Blvd Lansing, MI 48906		ONAN/Cummins Model DQHAB-5858186 277/480V	525 gallons	E070061093	\$285.00	\$2,600.00	\$750.00	\$485.00
54	Grand Ledge AASF #1 10600 Eaton Hwy Grand Ledge, MI 48837		Detroit Diesel S60 400 D8E 277/480V	100 gallons	2087514	\$285.00	\$790.00	\$250.00	\$300.00
55	Jackson Armory 4850 Cooper Rd Jackson, MI 49202		Detroit Diesel (John Deere Eng) 230DSEJB 277/480 V	411 gallons	2096373	\$200.00	\$790.00	\$250.00	\$450.00
56	Shiawassee Armory 675 W. Corunna Ave. Corunna, MI 48817		John Deere Model 125 REO2JB 277/480V	500 gallons	2088728	\$200.00	\$625.00	\$250.00	\$450.00
57	Detroit Light Guard Armory, 4400 E. Eight Mile Rd, Detroit, MI 48234		Cummins G-855 engine coupled with a Matathon Electric Magna One Alternator: 120 KW, 208Y/120	natural gas	#440FRD8020, 440FRD8021	\$200.00	\$695.00	\$250.00	\$450.00
58	Taylor Armory 12450 Beech Daly Taylor, MI 48180		Kohler model 200REOJD, 200kW, 250kVA, 480Y/277V	Diesel - 818 gallon sub-base fuel tank	ASCO series 7000, 400A ATS	\$200.00	\$775.00	\$350.00	\$450.00

ITEM #	Location	Agency Contact	Make/Model	Fuel type/tank capacity - Full load run time with a full tank	State ID/Serial #	Semi-Annual Preventive Service Cost (Each)	Annual Service Cost - includes Load Bank Testing (Each)	Battery Replacement Cost /each	Belt Replacement Cost /each
59	Calumet Army 57707 Military Ave. Calumet, MI 49913	Same as above	CAT D40P3 35kW/44kVA, 208Y/120V	diesel 75 gallons	OLY00000TN PF03981	\$200.00	\$690.00	\$250.00	\$300.00
60	Fort Custer Training Center FCEC- 2900, Augusta	DMVA Gary Strickland (517) 648-4897 gary.cstrickland2.nfg@mail.mil	Cummins DFEK-5213077	Diesel 900 gallon	G100143307	\$285.00	\$925.00	\$650.00	\$450.00
61	Fort Custer Training Center CST- 2750, Augusta		Kohler 125RE02JD	Diesel 400 gallons	2143719	\$200.00	\$650.00	\$250.00	\$300.00
62	Fort Custer Training Center UTES- 2295, Augusta		Caterpillar C27. Product ID No. CAT00C27CDWB02881	Diesel 1500 usable, 1699 gallon capacity	MJE02878	\$285.00	\$1,025.00	\$650.00	\$450.00
63	Fort Custer Training Center ARC-2200, Augusta		Cummins GGMA-6346678	natural gas	A110183760	\$200.00	\$650.00	\$250.00	\$300.00
64	SMR Jackson #1 Power Plant 4000 Cooper St Jackson MI 49201		MDOC Lyle Wyskowski Power Plant Supervisor 517-780-6366 wyskowskil@michigan.gov	Cummins VT12-700-GS	Diesel 8000gal 100gal day tank	Ser# 562425	\$285.00	\$1,575.00 No Load Bank Test	\$750.00
65	SMR Jackson #2 Power Plant 4000 Cooper St Jackson MI 49201	Cummins VT12-700-GS		Diesel 8000gal 100gal day tank	Ser# 562623	\$285.00	\$1,575.00 No Load Bank Test	\$750.00	\$450.00
66	SMR Jackson #3 Power Plant 4000 Cooper St Jackson MI 49201	CAT 3412		Diesel 8000gal 100gal day tank	Ser# 38S11230	\$285.00	\$1,250.00 No Load Bank Test	\$750.00	\$0.00
67	SMR Jackson #4 Power Plant 4000 Cooper St Jackson MI 49201	CAT 3512		Diesel 8000gal 100gal day tank	Ser# 24Z02342	\$285.00	\$2,000.00 No Load Bank Test	\$750.00	\$450.00
68	SMR Jackson #5 Power Plant 4000 Cooper St Jackson MI 49201	CAT 3408		Diesel 8000gal 100gal day tank	Ser# 78Z05508	\$285.00	\$1,000.00 No Load Bank Test	\$750.00	\$450.00
69	SMR Jackson #6 Power Plant 4000 Cooper St Jackson MI 49201	Cummins NTTA-855-GS1		Diesel 2000gal 3gal day tank	Ser# 48107998	Cannot locate unit for bid			
70	SMRI Power Plant 717 Wall St. Ionia, MI. 48846	MDOC Dan Ockert (616) 527-2500 ext. 300	Michigan Cat / Model D 348	Diesel 4000 gal.	36J317	\$285.00	\$1,325.00 No Load Bank Test	\$725.00	\$450.00
71	SMRI Power Plant 717 Wall St. Ionia, MI. 48846	MDOC Dan Ockert (616) 527-2500 ext. 300	Michigan Cat / Model D 348	Diesel 4000 gal.	36J318	\$285.00	\$1,325.00 No Load Bank Test	\$725.00	\$450.00
72	Handlon Correctional Facility 1728 West Bluwater Hwy Ionia, MI 48846	MDOC Stephen Card (616) 527-3100 CardS1@michigan.gov	Michigan Cat / Model 3412	Diesel Gallons ?????	81Z17547	\$250.00	\$1,000.00 No Load Bank Test	\$725.00	\$485.00
73	Riverside Correctional Power Plant 779 W Riverside Ionia MI 48846	MDOC Dan Ockert (616) 527-2500 ext. 300	Michigan Cat / Model D 3412	Diesel 2000 gal.	81Z00888	\$285.00	\$875.00 No Load Bank Test	\$725.00	\$450.00
74	Riverside Correctional Field Gen 779 W Riverside Ionia MI 48846	MDOC Dan Ockert (616) 527-2500 ext. 300	Onan NTA-855-C3	Diesel 1000 gal.	SN# - 267874	\$285.00	\$650.00 No Load Bank Test	\$725.00	\$450.00
75	River Side Correctional Deer Field I(TF)779 W Riverside Ionia Mi 48846	MDOC Dan Ockert (616) 527-2500 ext. 300	Generac G4220BBBBP-250	Diesel 500 gal.	TG-20124	\$285.00	\$650.00 No Load Bank Test	\$725.00	\$450.00
76	Detroit Operations Service Center 1060 W. Fort Street Detroit MI 48226	Keith Williams TMC-12 313-407-4230 williamsk30@michigan.gov	Onan GGHE-5229163 S/N H100148069 60KW 120/240 volt	Natural Gas	H100148069 Spec K	\$285.00	\$625.00	\$300.00	\$300.00
77	Detroit Operations Service Center 1060 W. Fort Street Detroit MI 48226		Cummins/Onan 600GFLC 600KW 480 volt	Natural Gas	JM10H340315	\$350.00	\$2,600.00	\$950.00	\$600.00
78	Grand Rapids Home for Veterans 3000 Monroe Ave NE Grand Rapids, MI 49505	DMVA-GRHV Brian Stedman 616-364-5409 StedmanB@michigan.gov	Michigan Cat / Model D 348	Diesel Underground Tank 4000 gal.?	036J01047	\$285.00	\$1,325.00 No Load Bank Test	\$725.00	\$450.00

STATE OF MICHIGAN
Contract No. 071B5500092
Generator Maintenance Service

**EXHIBIT C
LOCATIONS**

ITEM #	Location	Agency Contact	Make/Model	Fuel type/tank capacity - Full load run time with a full tank	State ID/Serial #	Generator Location	What days and what time of day is the generator to be serviced?	Is access for contracted vendor standard? If not, describe requirements (ie; background check prior to maintenance work?)	Which generators have wireless remote monitoring?	Which generators have working fuel gauges?	
											1
1	Mason Building 530 W. Allegan, Lansing	DTMB Bob Weldon 517-202-1715 weldonr@michigan.gov John Kinkema 517-243-8942 kinkemaj@michigan.gov	Cummins 350KW Model: 350GFEB	Natural Gas	ID#: Ser#: M14E210392	Located in upper level parking ramp	Weekends	Background Check Required - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/Site Access.	NO	YES	
2	Secondary GOB, 7150 Harris Dr., Dimondale		Caterpillar #98A01809-5 model: 3208 200 KW	Diesel 300 gallons	ID#: Ser#: 5YF03775	Outside - but in a locked housing unit.	Weekends		YES	YES	
3	Secondary SOS, 7064 Crowner Dr., Dimondale (1)		Cummins 500 KW	Diesel 500 gallons	ID#: Ser#: G950582684	Outside - but in a locked housing unit.	Weekends		NO	YES	
4	Secondary SOS, 7064 Crowner Dr., Dimondale (2)		Cummins 500 KW	Diesel 500 gallons	ID#: Ser#: E960606160	Outside - but in a locked housing unit.	Weekends		NO	YES	
5	Secondary SOS, 7064 Crowner Dr., Dimondale (3)		Cummins 1000 KW	Diesel 2400 gallons	ID#: Ser#: L100174436	Outside - but in a locked housing unit.	Weekends		NO	YES	
6	Secondary SOS, 7064 Crowner Dr., Dimondale (4)		Cummins 1000 KW	Diesel 2400 gallons	ID#: Ser#: J080218484	Outside - but in a locked housing unit.	Weekends		NO	YES	
7	Secondary SOS, 7064 Crowner Dr., Dimondale (5)		Cummins 1000 KW	Diesel 2400 gallons	ID#: Ser#: K080219708	Outside - but in a locked housing unit.	Weekends		NO	YES	
8	Secondary SOS, 7064 Crowner Dr., Dimondale (6)		Cummins 1000 KW	Diesel 2400 gallons	ID#: Ser#: D110206897	Outside - but in a locked housing unit.	Weekends		NO	YES	
9	Baker-Olin South, N. MLK Blvd, Lansing		ONAN/Ford Model 100 GGHD 277/480V	natural gas	ID#: Ser#: C980713717	Outside - but in a gated area and locked housing unit.	Weekends		NO	YES	
10	Austin Building, 430 W. Allegan, Lansing		Cummins 750 KW	Diesel 1000 gallons with 100 gallon day tank	ID#: Ser#: H050819260	Located in Mason Building Loading Dock	Weekends		NO	YES	
11	Operations Center, 7285 Parsons Dr., Dimondale	Cummins 750 KW	Diesel 750 gallons	ID#: Ser#: H050813197	Outside - but in a locked housing unit.	Weekends	Background Check Required - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/Site Access.	NO	YES		
12	Cadillac Place – 3044 W. Grand Blvd, Detroit	DTMB Bill Bacalis 517-719-0958 DTMB Al Vettese 313-456-2371	Caterpillar 3512B	Diesel 3000 gallons	ID#: Ser#: 06WN00613	Inside Building	Weekends	Background Check Required - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/Site Access.	NO	YES	
13	Cadillac Place – 3044 W. Grand Blvd, Detroit		Caterpillar 3512B For Fire Life Safety	Diesel 3000 gallons with 300 gallon day tank	ID#: Ser#: 06WN00614	Inside Building	Weekends		NO	YES	
14	Energy Center, 7432 Parsons Dr., Dimondale	DTMB Larry Kusnier (Facility Electrician) 517-719-5962 Larry Franklin (Facility Liaison) 517-202-6608	Caterpillar #D348, AA28654000, 1500 kW 3512 motor	1500 Gal. Diesel 20 hrs	ID#: 000882 Ser#:25020-01	OUTSIDE	Mon-Fri 7 am to 5pm	Standard DTMB Background Check - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/Site Access.	YES/NO	YES	
15	Energy Center, 7432 Parsons Dr., Dimondale		Cummins/Onan 200 DGFC Gen set 200 kW 480/277/208/120 Trailer mounted	Diesel 8 hrs.	ID#: 006922 Ser#:	OUTSIDE	Mon-Fri 7 am to 5pm		YES	YES	
16	Energy Center, 7432 Parsons Dr., Dimondale		Cummins/Onan Natural Gas PCC Gen set 200 kW 480/277/208/120 Trailer mounted	Diesel 8 hrs.	ID#: 006923 Ser#:	OUTSIDE	Mon-Fri 7 am to 5pm		YES	YES	
17	Energy Center, 7432 Parsons Dr., Dimondale		Cummins/Onan Diesel PCC Gen. set 350 kW 480/277 Trailer mounted	Diesel 200 gallons	ID#: 006921 Ser#:	OUTSIDE	Mon-Fri 7 am to 5pm		YES	YES	
18	General Services Bldg., 7461 Crowner Dr., Dimondale		Onan 400DFCE Cummins Diesel H.P.: 605 @1800 RPM KVA: 500 Automatic Transfer Switch: Onan	Diesel 600 gallons 24 hours	ID#: 004333 Ser#:	INSIDE	Mon-Fri 7 am to 5pm		Standard DTMB Background Check - Contact "Agency Contact" for guidance. Proper ID at the guard gate. Escort to generators by State employee.	YES	YES
19	General Services Bldg., 7461 Crowner Dr., Dimondale		Onan 400DFCE Cummins Diesel H.P.: 605 @1800 RPM KVA: 500 Automatic Transfer Switch: Onan	Diesel 600 gallons 24 hours	ID#: 004334 Ser#:	OUTSIDE	Mon-Fri 7 am to 5pm		Background check - Contact "Agency Contact" for guidance. Escorted and supervised by State Employee	YES	YES
20	MSP Forensic Lab, 7320 N. Canal Rd., Dimondale	Onan DEFCC- 4046466	Diesel 600 gallons 24 hours	ID#: 005265 Ser#:	OUTSIDE	Mon-Fri 7 am to 5pm	Background check - Contact "Agency Contact" for guidance. Escorted and supervised by State Employee	YES	YES		

ITEM #	Location	Agency Contact	Make/Model	Fuel type/tank capacity - Full load run time with a full tank	State ID/Serial #	Generator Location	What days and what time of day is the generator to be serviced?	Is access for contracted vendor standard? If not, describe requirements (ie; background check prior to maintenance work?)	Which generators have wireless remote monitoring?	Which generators have working fuel gauges?
21	MSP Training Academy, 7426 N. Canal Rd., Dimondale	DTMB Larry Kusnier (Facility Electrician) 517-719-5962 Larry Franklin (Facility Liaison) 517-202-6608 DTMB Dave Bergeon 517-749-5898 bergeond@michigan.gov Bethany Jensen (Facility Liaison) 517-284-7951	Onan 50 DEG-15R/12745E Motor: Ford Natural Gas KVA: 62.5 Transfer Switch: Automatic	Diesel 1000 gallons 24 hours	ID#: 003944 Ser#: 008404	INSIDE	Mon-Fri 7 am to 5pm	Standard DTMB Background Check - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/Site Access.	YES	YES
22	Constitution Hall, 525 Allegan, Lansing		Onan DFGB Motor: K000174169 KVA: 600 Transfer Switch: Automatic	Diesel 24 hours	ID#: 008404 Ser#:	INSIDE	Mon-Fri 7 am to 5pm		NO	YES
23	Governor's Residence		Cummins QuietSite GGFE5689885 Motor: Ford KVA: 42 kW Transfer Switch: Automatic	natural gas unlimited	ID#: 008470 Ser#:	OUTSIDE. Escort to generators by State employee.	Mon-Fri 9 am to 5pm	Background Check Required - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/Site Access.	NO	NO
24	Grand Tower, 235 S. Grand Ave., Lansing		Caterpillar SR4 750 KVA, 600 kW 3 Phase 480 Volt unit	natural gas 275 gallons 8.5 hours	ID#: 005461 Ser#: 6FA05754	OUTSIDE	Mon-Fri 7 am to 5pm	Standard DTMB Background Check - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/Site Access.	NO	YES
25	Joint Operations Center, 615 W. Allegan St., Lansing		Onan DFEG KVA: 437, kW: 350 3 Phase 480 Volt unit	Diesel 578 gallons	ID#: 008437 Ser#: D060915377	OUTSIDE	Mon-Fri 7 am to 5pm		NO	YES
26	Lottery Building, 101 E. Hillsdale St., Lansing		Caterpillar 3406 Motor: Caterpillar H.P.: 445 @ 1800 rpm KVA: 350 kW Transfer Switch: Automatic	natural gas 500 gallons 20 hours	ID#: 001174 Ser#:	INSIDE	Mon-Fri 7 am to 5pm	Background Check Required - Contact "Agency Contact" for guidance.	NO	YES
27	Hall of Justice, 925 W. Ottawa St., Lansing		Caterpillar 34T2 KVA: 750, kW:600 3 Phase 480 Volt unit	natural gas 4000 gallons 160 hours	ID#: 7553 Ser#: AFH00124,BFZ02251	INSIDE	Mon-Fri 7 am to 5pm	Background Check Required - Contact "Agency Contact" for guidance.	NO	YES
28	Romney Building, 111 S. Capitol Ave., Lansing		Cummins Diesel KTTA-19-G2 H.P.:750 @ 1800 KVA: 500kw Transfer Switch: Automatic	Diesel 500 gallons 20 hours	ID#: 2290	OUTSIDE	Mon-Fri 7 am to 5pm	Background Check Required - Contact "Agency Contact" for guidance.	NO	YES
29	Roosevelt Parking Ramp		Onan #35GGFD KVA: 44 kW: 35 3 Phase 480 Volt unit	natural gas unlimited	ID#: 7968 Ser#: 007968	OUTSIDE	Mon-Fri 7 am to 5pm	Standard DTMB Background Check - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/Site Access.	NO	NO
30	Records Building, 3400 N. Grand River Ave., Lansing, MI 48906		Onan Genset KVA: 44, 480/277 Transfer Switch: Automatic	natural gas unlimited		INSIDE	Mon-Fri 7 am to 5pm		NO	NO
31	State Police Headquarters, 333 S. Grand Ave., Lansing, MI 48913		Cummins 500GFGA KVA: 500/480 Transfer Switch: Automatic	natural gas unlimited		OUTSIDE	Mon-Fri 7 am to 5pm	Background Check Required - Contact "Agency Contact" for guidance.	NO	NO
32	State Combined Lab, 3350 N. MLK Blvd., Lansing		Caterpillar #3512B Motor: 52.8 cu in. KVA: 1500kw at 13,200 volts Transfer Switch: Automatic	Diesel 2,500 gallons 24 hours	ID#: 000604	OUTSIDE	Mon-Fri 7 am to 5pm	Background Check Required - Contact "Agency Contact" for guidance.	YES	YES
33	Flint State Office Bldg., 125 E. Union St.	DTMB Paul Bates (Facility Electrician) 517-605-0210 Mike Noonan (Facility Liaison) 810-760-2051	Cummins GGLB 5780000 KVA: 150 kW Transfer Switch: Automatic	natural gas unlimited	ID#: 008453 Ser#: K060992342	INSIDE	Mon-Fri 7 am to 5pm for general maintenance. Scheduled hours Load bank test and major repair.	Standard DTMB Background Check - Contact "Agency Contact" for guidance. - Proper ID at the guard desk. Escort to generators by State employee.	YES	NO
34	Jerome T. Hart Bldg., 411 E. Genesee Ave., Saginaw		Cummins/Onan #200 DGFC 150 kW 480/277 Transfer Switch: Automatic Onan 225 amp/ 480 volt	natural gas unlimited	ID#: 006369	OUTSIDE	Mon-Fri 7 am to 5pm for general maintenance. Scheduled hours Load bank test and major repair.		NO	NO
35	Grand Rapids State Office Bldg., 350 Ottawa Ave., N. W.	DTMB Chet Kendra (Facility Electrician) 616-299-4689 Frank Broderick (Facility Liaison) 616-299-9954	Kohler #20R074/9819A5.6 H.P.: 225 @ 1800 rpm KVA: 175 kW Transfer Switch: Automatic	20 hours	ID#: 001029	INSIDE	Mon-Fri 7 am to 5 pm	Standard DTMB Background Check - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/Site Access.	NO	No
36	Camp Grayling JTMC Building 1	DMVA James Shirkey (989) 344-6184 jim.shirkey.nfg@mail.mil	Generac 0055040 17kw		5072677	Outside/limited	Mon-Fri 8 am to 4 pm	Provide technician info to Range Control for all technicians accessing site - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/Site Access.	NO	N/A
37	Camp Grayling JTMC Building 115		Generac 0049920 40kw		3889189	Outside/limited	Mon-Fri 8 am to 4 pm		NO	N/A
38	Camp Grayling JTMC Building 203		Generac 8951930200 135kw		2095994	Outside/limited	Mon-Fri 8 am to 4 pm		NO	N/A
39	Camp Grayling JTMC Building 950		Cummins 150.00GGLB 150kw		A12029011	Inside/limited	Mon-Fri 8 am to 4 pm		NO	N/A
40	Camp Grayling JTMC Building 331		Kohler 60RZ272 60kw		273222	Inside/limited	Mon-Fri 8 am to 4 pm		NO	N/A
41	Camp Grayling JTMC Building 36 - A		John Deere MEP-806B 60kw		HX70508	Outside/limited	Mon-Fri 8 am to 4 pm		NO	YES
42	Camp Grayling JTMC Building 36 - B		John Deere MEP-806B		HX70515	Outside/limited	Mon-Fri 8 am to 4 pm		NO	YES
43	Camp Grayling JTMC Building 4		Cummins 85.066hg 85kw		J100165597	Outside/limited	Mon-Fri 8 am to 4 pm		NO	N/A
44	Camp Grayling JTMC Building 524B		Generac QTO2524GNSANA 25kw		4904126	Outside/limited	Mon-Fri 8 am to 4 pm		NO	N/A
45	Camp Grayling JTMC Building 560		Katolight N350FRZ4 350kw		119887-0306	Outside/limited	Mon-Fri 8 am to 4 pm		NO	N/A
46	Camp Grayling JTMC Building 642	Kohler 100RZ272 100kw		266996	Outside/limited	Mon-Fri 8 am to 4 pm	NO	N/A		

ITEM #	Location	Agency Contact	Make/Model	Fuel type/tank capacity - Full load run time with a full tank	State ID/Serial #	Generator Location	What days and what time of day is the generator to be serviced?	Is access for <u>contracted vendor</u> standard? If not, describe requirements (ie; background check prior to maintenance work?)	Which generators have wireless remote monitoring?	Which generators have <u>working</u> fuel gauges?
47	Camp Grayling JTMC Building 410	DMVA James Shirkey (989) 344-6184 jim.shirkey.nfg@mail.mil	Cummins 60.0GGHE 60kw		K080223032	Outside/limited	Mon-Fri 8 am to 4 pm	Provide technician info to Range Control for all technicians accessing site - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/Site Access.	NO	N/A
48	Camp Grayling JMTC Building 3201R ROCA		Generac/14077080100 150kw	LP	2114971	Outside/limited	Mon-Fri 8 am to 4 pm		NO	N/A
49	Camp Grayling JTMC Building MPRC		Cummins 47.0GGFE 47kw		L080225776	Outside/limited	Mon-Fri 8 am to 4 pm		NO	N/A
50	Camp Grayling JTMC Building OP5		Generac QTO2224ANAN 22kw		5335667	Outside/limited	Mon-Fri 8 am to 4 pm		NO	N/A
51	Camp Grayling JTMC Building 545		Cummins 35.0ggfd 35kw		F060793629	Outside/limited	Mon-Fri 8 am to 4 pm		No	N/A
52	Lansing JFRC Bldg 20 3411 N. MLK Blvd Lansing, MI 48906	DMVA Captain Del Avery (517) 481-7569 delbert.e.avery@mail.mil Ron Souza (517) 481-7546 ronald.d.souza2.nfg@mail.mil	ONAN/Cummins Model DGCG-5689750 277/480V	100 gallons	H040677975	Outside building inside a fenced military parking area	Mon-Fri 8 am to 4 pm	Must have State approved photo ID for all site visits. Must schedule with "Agency Contact".	YES	YES
53	Lansing JFRC Bldg 30 3423 N. MLK Blvd Lansing, MI 48906		ONAN/Cummins Model DQHAB-5858186 277/480V	525 gallons	E070061093	Outside building on south side of building 30	Mon-Fri 8 am to 4 pm		YES	YES
54	Grand Ledge AASF #1 10600 Eaton Hwy Grand Ledge, MI 48837		Detroit Diesel S60 400 D8E 277/480V	100 gallons	2087514	Outside building on NE side inside fence	Mon-Fri 8 am to 4 pm	Schedule visit with building manager or building maintenance foreman.	YES	YES
55	Jackson Armory 4850 Cooper Rd Jackson, MI 49202		Detroit Diesel (John Deere Eng) 230DSEJB 277/480 V	411 gallons	2096373	Outside building on west side in back of armory	Mon-Fri 8 am to 4 pm		N/A	
56	Shiawassee Armory 675 W. Corunna Ave. Corunna, MI 48817		John Deere Model 125 REO2JB 277/480V	500 gallons	2088728	Outside building in back of armory	Mon-Fri 8 am to 4 pm		N/A	N/A
57	Detroit Light Guard Armory, 4400 E. Eight Mile Rd, Detroit, MI 48234		Cummins G-855 engine coupled with a Matathon Electric Magna One Alternator: 120 KW, 208Y/120	natural gas	#440FRD8020 , 440FRD8021	Inside a small block building at SE rear of armory inside fence.	Mon-Fri 8 am to 4 pm		N/A	N/A
58	Taylor Armory 12450 Beech Daly Taylor, MI 48180		Kohler model 200REOJD, 200kW, 250kVA, 480Y/277V	Diesel - 818 gallon sub-base fuel tank	ASCO series 7000, 400A ATS	Outside building in back of armory	Mon-Fri 8 am to 4 pm		N/A	
59	Calumet Armory 57707 Military Ave. Calumet, MI 49913		CAT D40P3 35kW/44kVA, 208Y/120V	diesel 75 gallons	OLY00000TN PF03981	Inside motor vehicle storage building behind the armory	Mon-Fri 8 am to 4 pm	N/A		
60	Fort Custer Training Center FCEC- 2900, Augusta		DMVA Gary Strickland (517) 648-4897 gary.cstrickland2.nfg@mail.mil	Cummins DFEK-5213077	Diesel 900 gallon	G100143307	Outside behind (NW side) of building next to cooling tower	Mon-Fri 8 am to 4 pm	Fort Custer Proper: Contracted vendor will need to aquire a contractor's badge to gain access to the Fort. Once the badge is obtained, access to the Fort will be granted at the gate. Contact Fort Custer Engineering for badge.	N/A
61	Fort Custer Training Center CST- 2750, Augusta		Kohler 125RE02JD	Diesel 400 gallons	2143719	Outside next to east drive leading into vehicle storage bay behind fenced compound.	Mon-Fri 8 am to 4 pm	CST Bldg #2750: Mechanic will need to enter front door of building and receive permission to access fenced compound. Same Fort access as #58 above.	N/A	
62	Fort Custer Training Center UTES- 2295, Augusta		Caterpillar C27. Product CAT00C27CDWB02881	Diesel 1500 usable, 1699 gallon capacity	MJE02878	North side of building in fenced compound	Mon-Fri 8 am to 4 pm	UTES fenced compount: Mechanic will need to enter front door of building and receive permission to access fenced compound. Same Fort access as #58 above.	N/A	
63	Fort Custer Training Center ARC-2200, Augusta		Cummins GGMA-6346678	natural gas	A110183760	Outside next to road leading to building.	Mon-Fri 8 am to 4 pm	Same Fort access as #58 above.	N/A	N/A
64	SMR Jackson #1 Power Plant 4000 Cooper St Jackson MI 49201	MDOC Lyle Wyskowski Power Plant Supervisor 517-780-6366 wyskowski.l@michigan.gov	Cummins VT12-700-GS	Diesel 8000gal 100gal day tank	Ser# 562425	Main Floor Power Plant	Weekdays 0700-1500	Schedule visit with Power Plant Supervisor	NO	YES
65	SMR Jackson #2 Power Plant 4000 Cooper St Jackson MI 49201		Cummins VT12-700-GS	Diesel 8000gal 100gal day tank	Ser# 562623	Main Floor Power Plant	Weekdays 0700-1500		NO	YES
66	SMR Jackson #3 Power Plant 4000 Cooper St Jackson MI 49201		CAT 3412	Diesel 8000gal 100gal day tank	Ser# 38S11230	Main Floor Power Plant	Weekdays 0700-1500		NO	NO
67	SMR Jackson #4 Power Plant 4000 Cooper St Jackson MI 49201		CAT 3512	Diesel 8000gal 100gal day tank	Ser# 24Z02342	Main Floor Power Plant	Weekdays 0700-1500		NO	NO

ITEM #	Location	Agency Contact	Make/Model	Fuel type/tank capacity - Full load run time with a full tank	State ID/Serial #	Generator Location	What days and what time of day is the generator to be serviced?	Is access for <u>contracted vendor</u> standard? If not, describe requirements (ie; background check prior to maintenance work?)	Which generators have wireless remote monitoring?	Which generators have <u>working</u> fuel gauges?
68	SMR Jackson #5 Power Plant 4000 Cooper St Jackson MI 49201	MDOC Lyle Wyskowski Power Plant Supervisor 517-780-6366 wyskowskil@michigan.gov	CAT 3408	Diesel 8000gal 100gal day tank	Ser# 78Z05508	Switch Gear Rm Power Plant	Weekdays 0700-1500	Schedule visit with Power Plant Supervisor	NO	YES
69	SMR Jackson #6 Power Plant 4000 Cooper St Jackson MI 49201		Cummins NITTA-855-GS4	Diesel- 2000gal 3gal day tank	Ser#- 48407998	Switch Gear Rm- Duane Waters- Hospital	Weekdays 0700-1500	Cannot Locate Generator For Bidding	NO	YES
70	SMRI Power Plant 717 Wall St. Ionia, Mi. 48846	MDOC Dan Ockert (616) 527-2500 ext. 300	Michigan Cat / Model D 348	Diesel 4000 gal.	36J317	Inside the power plant, main floor	Monday - Friday 8:00 am to 2:00 pm	Yes; Notification required.	N/A	N/A
71	SMRI Power Plant 717 Wall St. Ionia, Mi. 48846		Michigan Cat / Model D 348	Diesel 4000 gal.	36J318	Inside the power plant, main floor	Monday - Friday 8:00 am to 2:00 pm	Yes; Notification required.	N/A	N/A
72	Handlon Correction Facility 1728 West Bluwater Hwy Ionia, MI 48846	MDOC Stephen Card (616) 527-3100 CardS1@michigan.gov	Michigan Cat / Model 3412	Diesel 3000gal		generator building next to maintenance building	Monday - Friday 6am to 2pm	Yes contact Maintenance	No	YES
73	Riverside Correctional Power Plant 779 W Riverside Ionia MI 48846	MDOC Dan Ockert (616) 527-2500 ext. 300	Michigan Cat / Model D 3412	Diesel 2000 gal.	81Z00888					
74	Riverside Correctional Field Gen 779 W Riverside Ionia MI 48846	MDOC Dan Ockert (616) 527-2500 ext. 300	Onan NTA-855-C3	Diesel 1000 gal.	SN# - 267874					
75	River Side Correctional Deer Field I(TF)779 W Riverside Ionia MI 48846	MDOC Dan Ockert (616) 527-2500 ext. 300	Generac G4220BBBP-250	Diesel 500 gal.	TG-20124					
76	Detroit Operations Service Center 1060 W. Fort Street Detroit MI 48226	Keith Williams TMC-12 313 407-4230 williamsk30@michigan.gov	Onan GGHE-5229163 S/N H100148069 60KW 120/240 volt	Natural Gas	H100148069 Spec K	Outside building on NE side inside fence	Mon-Fri 7:30 am to 4:30 pm	Background Check Required - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/Site Access.	NO	NO
77	Detroit Operations Service Center 1060 W. Fort Street Detroit MI 48226		Cummins/Onan 600GFLC 600KW 480 volt	Natural Gas	JM10H340315				NO	NO
78	Grand Rapids Home for Veterans 3000 Monroe Ave NE Grand Rapids, MI 49505	DMVA-GRHV Brian Stedman 616-364-5409 StedmanB@michigan.gov	Michigan Cat / Model D 348	Diesel Underground Tank 4000 gal.?	036J01047	Underground Storage	Monday - Friday 8:00 am to 2:00 pm	Standard Access	N/A	N/A

STATE OF MICHIGAN
 DEPARTMENT OF TECHNOLOGY, MANAGEMENT & BUDGET
 PROCUREMENT

525 W. ALLEGAN STREET
 LANSING, MI 48933

P.O. BOX 30026
 LANSING, MI 48909

CHANGE NOTICE NO. 2
 to
 CONTRACT NO. 071B5500092
 between
 THE STATE OF MICHIGAN
 and

NAME & ADDRESS OF CONTRACTOR	PRIMARY CONTACT	EMAIL
Michigan Cat 24800 Novi Road Novi, MI 48375	Brian Schiellerd	Brian.schiellerd@michigancat.com
	PHONE	CONTRACTOR'S TAX ID NO. (LAST FOUR DIGITS ONLY)
	(248) 349-4800	*****1325

STATE CONTACTS	AGENCY	NAME	PHONE	EMAIL
PROGRAM MANAGER / CCI	Various	Various	Various	Various
CONTRACT ADMINISTRATOR	DTMB	Yvon Dufour	(517) 284-6996	dufouy@michigan.gov

CONTRACT SUMMARY			
DESCRIPTION: Generator Maintenance And Repair			
INITIAL EFFECTIVE DATE	INITIAL EXPIRATION DATE	INITIAL AVAILABLE OPTIONS	EXPIRATION DATE BEFORE CHANGE(S) NOTED BELOW
April 28, 2015	April 30, 2018	2 - 1 Year	April 30, 2018
PAYMENT TERMS		DELIVERY TIMEFRAME	
45 Days		N/A	
ALTERNATE PAYMENT OPTIONS			EXTENDED PURCHASING
<input type="checkbox"/> P-card <input type="checkbox"/> Direct Voucher (DV) <input type="checkbox"/> Other			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
MINIMUM DELIVERY REQUIREMENTS			
N/A			

DESCRIPTION OF CHANGE NOTICE				
EXERCISE OPTION?	LENGTH OF OPTION	EXERCISE EXTENSION?	LENGTH OF EXTENSION	REVISED EXP. DATE
<input type="checkbox"/>		<input type="checkbox"/>		
CURRENT VALUE		VALUE OF CHANGE NOTICE	ESTIMATED AGGREGATE CONTRACT VALUE	
\$ 780,000.00		\$ 0.00	\$ 780,000.00	
DESCRIPTION: Effective 3/2/2016, the following amendment is hereby incorporated into the contract: MDOT generators #76 and #77 have been added to Exhibit B, Pricing, and Exhibit C, Locations (attached). In addition, pricing corrections have been made to generators #14 and #24. All other terms, conditions, specifications and pricing remain the same. Per DTMB contractor proposal, and DTMB Procurement approval.				

STATE OF MICHIGAN

Contract No. 071B5500092

Generator Maintenance Service

**EXHIBIT B
PRICING**

1. The Contract Activities pricing schedule is listed below.
2. Prices include all costs, including but not limited to, any one-time or set-up charges, fees, and potential costs that Contractor may charge the State (e.g., shipping and handling, per piece pricing, and palletizing).
3. The Contractor will be required to furnish all Contract Activities that may be ordered during the Contract period.

Rates For ALL Generators and Locations										
Standard Hourly Rate	Premium Hourly Rate	Weekend Hourly Rate	Holiday Hourly Rate	% Discount Off List Price For Parts	% Markup On Cost For Parts	Additional charges Or Fees For Repairs	Fuel Gauge Installation (One-time Charge)	Wireless Set Up Fee	Wireless Monthly Fee	Quick Payment terms
\$99.00	\$130.00	\$130.00	\$130.00	0%	25%	\$0.00	\$700.00	\$2,000.00	\$34.00	N/A

ITEM #	Location	Agency Contact	Make/Model	Fuel type/tank capacity - Full load run time with a full tank	State ID/Serial #	Semi-Annual Preventive Service Cost (Each)	Annual Service Cost - includes Load Bank Testing (Each)	Battery Replacement Cost /each	Belt Replacement Cost /each
1	Mason Building 530 W. Allegan, Lansing	DTMB Bob Weldon 517-202-1715 weldonr@michigan.gov John Kinkema 517-243-8942 kinkemaj@michigan.gov	Cummins 350KW Model: 350GFEB	Natural Gas	ID#: Ser#: M14E210392	\$200.00	\$750.00	\$650.00	\$485.00
2	Secondary GOB, 7150 Harris Dr., Dimondale		Caterpillar #98A01809-5 model: 3208 200 KW	Diesel 300 gallons	ID#: Ser#: 5YF03775	\$200.00	\$750.00	\$475.00	\$485.00
3	Secondary SOS, 7064 Crowner Dr., Dimondale (1)		Cummins 500 KW	Diesel 500 gallons	ID#: Ser#: G950582684	\$285.00	\$900.00	\$650.00	\$485.00
4	Secondary SOS, 7064		Cummins 500 KW	Diesel	ID#:	\$285.00	\$900.00	\$650.00	\$485.00

	Crowner Dr., Dimondale (2)			500 gallons	Ser#: E960606160				
5	Secondary SOS, 7064 Crowner Dr., Dimondale (3)		Cummins 1000 KW	Diesel 2400 gallons	ID#: Ser#: L100174436	\$285.00	\$1,600.00	\$650.00	\$485.00
6	Secondary SOS, 7064 Crowner Dr., Dimondale (4)		Cummins 1000 KW	Diesel 2400 gallons	ID#: Ser#: J080218484	\$285.00	\$1,600.00	\$650.00	\$485.00
7	Secondary SOS, 7064 Crowner Dr., Dimondale (5)		Cummins 1000 KW	Diesel 2400 gallons	ID#: Ser#: K080219708	\$285.00	\$1,600.00	\$650.00	\$485.00
8	Secondary SOS, 7064 Crowner Dr., Dimondale (6)		Cummins 1000 KW	Diesel 2400 gallons	ID#: Ser#: D110206897	\$285.00	\$1,600.00	\$650.00	\$485.00
9	Baker-Olin South, N. MLK Blvd, Lansing		ONAN/Ford Model 100 GGHD 277/480V	natural gas	ID#: Ser#: C980713717	\$200.00	\$625.00	\$250.00	\$300.00
10	Austin Building, 430 W. Allegan, Lansing		Cummins 750 KW	Diesel 1000 gallons with 100 gallon day tank	ID#: Ser#: H050819260	\$285.00	\$900.00	\$650.00	\$485.00
11	Operations Center, 7285 Parsons Dr., Dimondale	DTMB Larry Kusnier (Facility Electrician) 517-719-5962 Larry Franklin (Facility Liaison) 517- 202-6608	Cummins 750 KW	Diesel 750 gallons	ID#: Ser#: H050813197	\$285.00	\$900.00	\$650.00	\$485.00
12	Cadillac Place – 3044 W. Grand Blvd, Detroit	DTMB Bill Bacalis 517-719-0958	Caterpillar 3512B		ID#: Ser#: 06WN00613	\$285.00	\$2,000.00	\$725.00	\$525.00
13	Cadillac Place – 3044 W. Grand Blvd, Detroit	DTMB Bill Bacalis 517-719-0958	Caterpillar 3512B		ID#: Ser#: 06WN00614	\$285.00	\$2,000.00	\$725.00	\$525.00
14	Energy Center, 7432 Parsons Dr.,	DTMB Larry Kusnier	Caterpillar #D348, AA28654000,	1500 Gal. Diesel	ID#: 000882	\$285.00	\$2,600.00	\$725.00	\$525.00

	Dimondale	(Facility Electrician) 517-719-5962 Larry Franklin (Facility Liaison) 517-202-6608	1500 kW 3512 motor	20 hrs	Ser#:25020-04 SBG01007				
15	Energy Center, 7432 Parsons Dr., Dimondale		Cummins/Onan 200 DGFC Gen set 200 kW 480/277/208/120 Trailer mounted	Diesel 8 hrs.	ID#: 006922 Ser#:	\$200.00	\$750.00	\$450.00	\$485.00
16	Energy Center, 7432 Parsons Dr., Dimondale		Cummins/Onan Natural Gas PCC Gen set 200 kW 480/277/208/120 Trailer mounted	Diesel 8 hrs.	ID#: 006923 Ser#:	\$200.00	\$750.00	\$450.00	\$485.00
17	Energy Center, 7432 Parsons Dr., Dimondale		Cummins/Onan Diesel PCC Gen. set 350 kW 480/277 Trailer mounted	Diesel 200 gallons	ID#: 006921 Ser#:	\$200.00	\$750.00	\$650.00	\$485.00
18	General Services Bldg., 7461 Crouner Dr., Dimondale		Onan 400DFCE Cummins Diesel H.P.: 605 @1800 RPM KVA: 500 Automatic Transfer Switch: Onan	Diesel 600 gallons 24 hours	ID#: 004333 Ser#:	\$285.00	\$750.00	\$650.00	\$485.00
19	General Services Bldg., 7461 Crouner Dr., Dimondale		Onan 400DFCE Cummins Diesel H.P.: 605 @1800 RPM KVA: 500 Automatic Transfer Switch: Onan	Diesel 600 gallons 24 hours	ID#: 004334 Ser#:	\$285.00	\$750.00	\$650.00	\$485.00
20	MSP Forensic Lab, 7320 N. Canal Rd., Dimondale		Onan DEFCC-4046466 KVA: 350 480 volt Transfer Switch: Automatic	Diesel 600 gallons 24 hours	ID#: 005265 Ser#:	\$200.00	\$750.00	\$650.00	\$485.00
21	MSP Training Academy, 7426 N. Canal Rd., Dimondale		Onan 50 DEG-15R/12745E Motor: Ford Natural Gas KVA: 62.5 Transfer Switch: Automatic	Diesel 1000 gallons 24 hours	ID#: 003944 Ser#:	\$200.00	\$625.00	\$250.00	\$300.00
22	Constitution Hall, 525 Allegan, Lansing	DTMB Joe Hewitt (Facility Electrician) 517-749-0523 Bethany	Onan DFGB Motor: K000174169 KVA: 600 Transfer Switch: Automatic	Diesel 24 hours	ID#: 008404 Ser#:	\$285.00	\$790.00	\$650.00	\$485.00

23	Governor's Residence	Jensen 517-284-7951	Cummins Quietsite GGFE5689885 Motor: Ford KVA: 42 kW Transfer Switch: Automatic	natural gas unlimited	ID#: 008470 Ser#:	\$200.00	\$640.00	\$250.00	\$300.00
24	Grand Tower, 235 S. Grand Ave., Lansing		Caterpillar SR4 750 KVA, 600 kW 3 Phase 480 Volt unit	275 gallons 8.5 hours	ID#: 005461 Ser#: 6FA05754	\$285.00	\$975.00	\$750.00	\$485.00
25	Joint Operations Center, 615 W. Allegan St., Lansing		Onan DFEG KVA: 437, kW: 350 3 Phase 480 Volt unit	Diesel 578 gallons	ID#: 008437 Ser#: D060915377	\$200.00	\$800.00	\$650.00	\$485.00
26	Lottery Building, 101 E. Hillsdale St., Lansing		Caterpillar 3406 Motor: Caterpillar H.P.: 445 @ 1800 rpm KVA: 350 kW Transfer Switch: Automatic	500 gallons 20 hours	ID#: 001174 Ser#:	\$200.00	\$800.00	\$650.00	\$485.00
27	Hall of Justice, 925 W. Ottawa St., Lansing		Caterpillar 34T2 KVA: 750, kW:600 3 Phase 480 Volt unit	4000 gallons 160 hours	ID#: 7553 Ser#: AFH00124,B FZ02251	\$285.00	\$1,125.00	\$650.00	\$485.00
28	Romney Building, 111 S. Capitol Ave., Lansing		Cummins Diesel KTTA-19-G2 H.P.:750 @ 1800 KVA: 500kw Transfer Switch: Automatic	Diesel 500 gallons 20 hours	ID#: 2290	\$285.00	\$1,025.00	\$650.00	\$485.00
29	Roosevelt Parking Ramp		Onan #35GGFD KVA: 44 kW: 35 3 Phase 480 Volt unit	natural gas unlimited	ID#: 7968 Ser#: 007968	\$200.00	\$650.00	\$250.00	\$300.00
30	Records Building, 3400 N. Grand River Ave., Lansing, MI 48906		Onan Genset KVA: 44, 480/277 Transfer Switch: Automatic	natural gas unlimited		\$200.00	\$650.00	\$250.00	\$300.00
31	State Police Headquarters, 333 S. Grand Ave., Lansing, MI 48913		Cummins 500GFGA KVA: 500/480 Transfer Switch: Automatic	natural gas unlimited		\$285.00	\$925.00	\$650.00	\$485.00
32	State Combined		DTMB Joe	Caterpillar #3512B	Diesel	ID#: 000604	\$285.00	\$2,600.00	\$725.00

	Lab, 3350 N. MLK Blvd., Lansing	Hewitt (Facility Electrician) 517-749-0523 Bethany Jensen 517-284-7951	Motor: 52.8 cu in, KVA: 1500kw at 13,200 volts Transfer Switch: Automatic	2,500 gallons 24 hours					
33	Flint State Office Bldg., 125 E. Union St.	DTMB Paul Bates (Facility Electrician) 517-605-0210 Mike Noonan (Facility Liaison) 810-760-2051	Cummins GGLB 5780000 KVA: 150 kW Transfer Switch: Automatic	natural gas unlimited	ID#: 008453 Ser#: K060992342	\$200.00	\$650.00	\$250.00	\$300.00
34	Jerome T. Hart Bldg., 411 E. Genessee Ave., Saginaw		Cummins/Onan #200 DGFC 150 kW 480/277 Transfer Switch: Automatic Onan 225 amp/ 480 volt	natural gas unlimited	ID#: 006369	\$200.00	\$650.00	\$250.00	\$300.00
35	Grand Rapids State Office Bldg., 350 Ottawa Ave., N. W.	DTMB Chet Kendra (Facility Electrician) 616-299-4689 Frank Broderick (Facility Liaison) 616-299-9954	Kohler #20R074/9819A 5.6 H.P.: 225 @ 1800 rpm KVA: 175 kW Transfer Switch: Automatic	20 hours	ID#: 001029	\$200.00	\$650.00	\$250.00	\$300.00
36	Camp Grayling JTMC Building 1	DMVA James Shirkey (989) 344-6184 jim.shirkey.nfg@mail.mil	Generac 0055040 17kw		5072677	\$180.00	\$650.00	\$250.00	\$300.00
37	Camp Grayling JTMC Building 115		Generac 0049920 40kw		3889189	\$180.00	\$650.00	\$250.00	\$300.00
38	Camp Grayling JTMC Building 203		Generac 8951930200 135kw		2095994	\$180.00	\$650.00	\$250.00	\$300.00
39	Camp Grayling JTMC Building 950		Cummins 150.00GGLB 150kw		A12029011	\$180.00	\$650.00	\$250.00	\$300.00
40	Camp Grayling JTMC Building 331		Kohler 60RZ272 60kw		273222	\$180.00	\$650.00	\$250.00	\$300.00
41	Camp Grayling JTMC Building 36 - A		John Deere MEP-806B 60kw		HX70508	\$180.00	\$650.00	\$250.00	\$300.00
42	Camp Grayling		John Deere MEP-806B		HX70515	\$180.00	\$650.00	\$250.00	\$300.00

	JTMC Building 36 - B								
43	Camp Grayling JTMC Building 4		Cummins 85.066hg 85kw		J100165597	\$180.00	\$650.00	\$250.00	\$300.00
44	Camp Grayling JTMC Building 524B		Generac QTO2524GNSA NA 25kw		4904126	\$180.00	\$650.00	\$250.00	\$300.00
45	Camp Grayling JTMC Building 560		Katolight N350FRZ4 350kw		119887-0306	\$180.00	\$650.00	\$250.00	\$300.00
46	Camp Grayling JTMC Building 642		Kohler 100RZ272 100kw		266996	\$180.00	\$650.00	\$250.00	\$300.00
47	Camp Grayling JTMC Building 410		Cummins 60.0GGHE 60kw		K080223032	\$180.00	\$650.00	\$250.00	\$300.00
48	Camp Grayling JMTC Building 3201R ROCA		Generac/14077 080100 150kw	LP	2114971	\$180.00	\$650.00	\$250.00	\$300.00
49	Camp Grayling JTMC Building MPRC		Cummins 47.0GGFE 47kw		L080225776	\$180.00	\$650.00	\$250.00	\$300.00
50	Camp Grayling JTMC Building OP5		Generac QTO2224ANAN 22kw		5335667	\$180.00	\$650.00	\$250.00	\$300.00
51	Camp Grayling JTMC Building 545		Cummins 35.0ggfd 35kw		F060793629	\$180.00	\$650.00	\$250.00	\$300.00
52	Lansing JFRC Bldg 20 3411 N. MLK Blvd Lansing, MI 48906	DMVA Captain Del Avery (517) 481-7569 delbert.e.avery.mil@mail.mil Ron Souza (517) 481-7546 ronald.d.souza.2.nfg@mail.mil	ONAN/Cummins Model DGCG-5689750 277/480V	100 gallons	H040677975	\$200.00	\$650.00	\$250.00	\$300.00
53	Lansing JFRC Bldg 30 3423 N. MLK Blvd Lansing, MI 48906		ONAN/Cummins Model DQHAB-5858186 277/480V	525 gallons	E070061093	\$285.00	\$2,600.00	\$750.00	\$485.00
54	Grand Ledge AASF #1 10600 Eaton Hwy Grand Ledge, MI 48837		Detroit Diesel S60 400 D8E 277/480V	100 gallons	2087514	\$285.00	\$790.00	\$250.00	\$300.00

55	Jackson Armory 4850 Cooper Rd Jackson, MI 49202		Detroit Diesel (John Deere Eng) 230DSEJB 277/480 V	411 gallons	2096373	\$200.00	\$790.00	\$250.00	\$450.00
56	Shiawassee Armory 675 W. Corunna Ave. Corunna, MI 48817		John Deere Model 125 REO2JB 277/480V	500 gallons	2088728	\$200.00	\$625.00	\$250.00	\$450.00
57	Detroit Light Guard Armory, 4400 E. Eight Mile Rd, Detroit, MI 48234		Cummins G-855 engine coupled with a Matathon Electric Magna One Alternator: 120 KW, 208Y/120	natural gas	#440FRD8020, 440FRD8021	\$200.00	\$695.00	\$250.00	\$450.00
58	Taylor Armory 12450 Beech Daly Taylor, MI 48180		Kohler model 200REOJD, 200kW, 250kVA, 480Y/277V	Diesel - 818 gallon sub-base fuel tank	ASCO series 7000, 400A ATS	\$200.00	\$775.00	\$350.00	\$450.00
59	Calumet Armory 57707 Military Ave. Calumet, MI 49913	Same as above	CAT D40P3 35kW/44kVA, 208Y/120V	diesel 75 gallons	OLY00000T NPF03981	\$200.00	\$690.00	\$250.00	\$300.00
60	Fort Custer Training Center FCEC-2900, Augusta	DMVA Gary Strickland (517) 648-4897 gary.cstrickland2.nfg@mail.mil	Cummins DFEK-5213077	Diesel 900 gallon	G100143307	\$285.00	\$925.00	\$650.00	\$450.00
61	Fort Custer Training Center CST-2750, Augusta		Kohler 125RE02JD	Diesel 400 gallons	2143719	\$200.00	\$650.00	\$250.00	\$300.00
62	Fort Custer Training Center UTES- 2295, Augusta		Caterpillar C27. Product ID No. CAT00C27CD WB02881	Diesel 1500 usable, 1699 gallon capacity	MJE02878	\$285.00	\$1,025.00	\$650.00	\$450.00
63	Fort Custer Training Center ARC-2200, Augusta		Cummins GGMA-6346678	natural gas	A110183760	\$200.00	\$650.00	\$250.00	\$300.00
64	SMR Jackson #1 Power Plant 4000 Cooper St Jackson MI 49201	MDOC Lyle Wyskowski Power Plant Supervisor 517-780-6366 wyskowskil@michigan.gov	Cummins VT12-700-GS	Diesel 8000gal 100gal day tank	Ser# 562425	\$285.00	\$1,575.00 No Load Bank Test	\$750.00	\$450.00
65	SMR Jackson #2 Power Plant 4000 Cooper St Jackson MI 49201		Cummins VT12-700-GS	Diesel 8000gal 100gal day tank	Ser# 562623	\$285.00	\$1,575.00 No Load Bank Test	\$750.00	\$450.00

66	SMR Jackson #3 Power Plant 4000 Cooper St Jackson MI 49201		CAT 3412	Diesel 8000gal 100gal day tank	Ser# 38S11230	\$285.00	\$1,250.00 No Load Bank Test	\$750.00	\$0.00
67	SMR Jackson #4 Power Plant 4000 Cooper St Jackson MI 49201		CAT 3512	Diesel 8000gal 100gal day tank	Ser# 24Z02342	\$285.00	\$2,000.00 No Load Bank Test	\$750.00	\$450.00
68	SMR Jackson #5 Power Plant 4000 Cooper St Jackson MI 49201		CAT 3408	Diesel 8000gal 100gal day tank	Ser# 78Z05508	\$285.00	\$1,000.00 No Load Bank Test	\$750.00	\$450.00
69	SMR Jackson #6 Power Plant 4000 Cooper St Jackson MI 49201		Cummins NTTA-855-GS1	Diesel 2000gal 3gal day tank	Ser# 18107998	Cannot locate unit for bid			
70	SMRI Power Plant 717 Wall St. Ionia, Mi. 48846	MDOC Dan Ockert (616) 527- 2500 ext. 300	Michigan Cat / Model D 348	Diesel 4000 gal.	36J317	\$285.00	\$1,325.00 No Load Bank Test	\$725.00	\$450.00
71	SMRI Power Plant 717 Wall St. Ionia, Mi. 48846	MDOC Dan Ockert (616) 527- 2500 ext. 300	Michigan Cat / Model D 348	Diesel 4000 gal.	36J318	\$285.00	\$1,325.00 No Load Bank Test	\$725.00	\$450.00
72	Handlon Correction Facility 1728 West Bluwater Hwy Ionia, MI 48846	MDOC Stephen Card (616) 527- 3100 CardS1@michi gan.gov	Michigan Cat / Model 3412	Diesel Gallons ?????	81Z17547	\$250.00	\$1,000.00 No Load Bank Test	\$725.00	\$485.00
73	Riverside Correctional Power Plant 779 W Riverside Ionia MI 48846	MDOC Dan Ockert (616) 527- 2500 ext. 300	Michigan Cat / Model D 3412	Diesel 2000 gal.	81Z00888	\$285.00	\$875.00 No Load Bank Test	\$725.00	\$450.00
74	Riverside Correctional Field Gen 779 W Riverside Ionia MI 48846	MDOC Dan Ockert (616) 527- 2500 ext. 300	Onan NTA-855- C3	Diesel 1000 gal.	SN# - 267874	\$285.00	\$650.00 No Load Bank Test	\$725.00	\$450.00
75	River Side Correctional Deer Field I(TF)779 W Riverside Ionia Mi 48846	MDOC Dan Ockert (616) 527- 2500 ext. 300	Generac G4220BBBP- 250	Diesel 500 gal.	TG-20124	\$285.00	\$650.00 No Load Bank Test	\$725.00	\$450.00

76	Detroit Operations Service Center 1060 W. Fort Street Detroit MI 48226	Keith Williams TMC-12 313-407-4230 williamsk30@michigan.gov	Onan GGHE-5229163 S/N H100148069 60KW 120/240 volt	Natural Gas	H100148069 Spec K	\$285.00	\$625.00	\$300.00	\$300.00
77	Detroit Operations Service Center 1060 W. Fort Street Detroit MI 48226		Cummins/Onan 600GFLC 600KW 480 volt	Natural Gas	JM10H3403 15	\$350.00	\$2,600.00	\$950.00	\$600.00

STATE OF MICHIGAN

Contract No. 071B5500092

Generator Maintenance Service

EXHIBIT C LOCATIONS

ITEM #	Location	Agency Contact	Make/Model	Fuel type/tank capacity - Full load run time with a full tank	State ID/Serial #	1 Generator or Location	2 What days and what time of day is the generator to be serviced?	3 Is access for contracted vendor standard? If not, describe requirements (ie; background check prior to maintenance work?)	4 Which generators have wireless remote monitoring?	5 Which generators have working fuel gauges?
1	Mason Building 530 W. Allegan, Lansing	DTMB Bob Weldon 517-202-1715 weldonr@michigan.gov John Kinkema 517-243-8942 kinkemaj@michigan.gov	Cummins 350KW Model: 350GFEB	Natural Gas	ID#: Ser#: M14E21039 2	Located in upper level parking ramp	Weekends	Background Check Required - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/Site Access.	NO	YES
2	Secondary GOB, 7150 Harris Dr., Dimondale		Caterpillar #98A01809-5 model: 3208 200 KW	Diesel 300 gallons	ID#: Ser#: 5YF03775	Outside - but in a locked housing unit.	Weekends		YES	YES
3	Secondary SOS, 7064 Crouner Dr., Dimondale (1)		Cummins 500 KW	Diesel 500 gallons	ID#: Ser#: G950582684	Outside - but in a locked housing unit.	Weekends		NO	YES
4	Secondary SOS, 7064 Crouner Dr., Dimondale (2)		Cummins 500 KW	Diesel 500 gallons	ID#: Ser#: E960606160	Outside - but in a locked housing unit.	Weekends		NO	YES
5	Secondary		Cummins	Diesel	ID#:	Outside -	Weekends		NO	YES

	SOS, 7064 Crown Dr., Dimondale (3)		1000 KW	2400 gallons	Ser#: L100174436	but in a locked housing unit.				
6	Secondary SOS, 7064 Crown Dr., Dimondale (4)		Cummins 1000 KW	Diesel 2400 gallons	ID#: Ser#: J080218484	Outside - but in a locked housing unit.	Weekends		NO	YES
7	Secondary SOS, 7064 Crown Dr., Dimondale (5)		Cummins 1000 KW	Diesel 2400 gallons	ID#: Ser#: K080219708	Outside - but in a locked housing unit.	Weekends		NO	YES
8	Secondary SOS, 7064 Crown Dr., Dimondale (6)		Cummins 1000 KW	Diesel 2400 gallons	ID#: Ser#: D110206897	Outside - but in a locked housing unit.	Weekends		NO	YES
9	Baker-Olin South, N. MLK Blvd, Lansing		ONAN/Ford Model 100 GGHD 277/480V	natural gas	ID#: Ser#: C980713717	Outside - but in a gated area and locked housing unit.	Weekends	Backgrou nd Check Required - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/S ite Access.	NO	YES
10	Austin Building, 430 W. Allegan, Lansing		Cummins 750 KW	Diesel 1000 gallons with 100 gallon day tank	ID#: Ser#: H050819260	Located in Mason Building Loading Dock	Weekends		NO	YES
11	Operations Center, 7285 Parsons Dr., Dimondale		Cummins 750 KW	Diesel 750 gallons	ID#: Ser#: H050813197	Outside - but in a locked housing unit.	Weekends		NO	YES
12	Cadillac Place - 3044 W. Grand Blvd, Detroit	DTMB Bill Bacalis 517-719-0958	Caterpillar 3512B	Diesel 3000 gallons	ID#: Ser#: 06WN00613	Inside Building	Weekends		NO	YES
13	Cadillac Place - 3044 W. Grand Blvd, Detroit	DTMB Al Vettese 313-456-2371	Caterpillar 3512B For Fire Life Safety	Diesel 3000 gallons with 300 gallon day tank	ID#: Ser#: 06WN00614	Inside Building	Weekends		NO	YES
14	Energy Center, 7432 Parsons Dr., Dimondale	DTMB Larry Kusnier (Facility Electrician) 517-719-5962	Caterpillar #D348, AA28654000, 1500 kW 3512 motor	1500 Gal. Diesel 20 hrs	ID#: 000882 Ser#:25020- 01	Outside	Mon-Fri 7 am to 5pm		Standard DTMB Backgrou nd Check - Contact "Agency Contact" for guidance. - Call "Agency Contact"	YES/NO
15	Energy Center, 7432 Parsons Dr., Dimondale	Larry Franklin (Facility Liaison) 517-202-6608	Cummins/On an 200 DGFC Gen set 200 kW 480/277/208/ 120 Trailer mounted	Diesel 8 hrs.	ID#: 006922 Ser#:	Outside	Mon-Fri 7 am to 5pm	YES		YES

16	Energy Center, 7432 Parsons Dr., Dimondale		Cummins/On an Natural Gas PCC Gen set 200 kW 480/277/208/120 Trailer mounted	Diesel 8 hrs.	ID#: 006923 Ser#:	Outside	Mon-Fri 7 am to 5pm	for Building/Site Access.	YES	YES
17	Energy Center, 7432 Parsons Dr., Dimondale		Cummins/On an Diesel PCC Gen. set 350 kW 480/277 Trailer mounted	Diesel 200 gallons	ID#: 006921 Ser#:	Outside	Mon-Fri 7 am to 5pm		YES	YES
18	General Services Bldg., 7461 Crowner Dr., Dimondale		Onan 400DFCE Cummins Diesel H.P.: 605 @1800 RPM KVA: 500 Automatic Transfer Switch: Onan	Diesel 600 gallons 24 hours	ID#: 004333 Ser#:	Inside	Mon-Fri 7 am to 5pm	Standard DTMB Background Check - Contact "Agency Contact" for guidance. Proper ID at the guard gate. Escort to generator s by State employee	YES	YES
19	General Services Bldg., 7461 Crowner Dr., Dimondale		Onan 400DFCE Cummins Diesel H.P.: 605 @1800 RPM KVA: 500 Automatic Transfer Switch: Onan	Diesel 600 gallons 24 hours	ID#: 004334 Ser#:	Outside	Mon-Fri 7 am to 5pm		YES	YES
20	MSP Forensic Lab, 7320 N. Canal Rd., Dimondale		Onan DEFCC-4046466 KVA: 350 480 volt Transfer Switch: Automatic	Diesel 600 gallons 24 hours	ID#: 005265 Ser#:	Outside	Mon-Fri 7 am to 5pm		YES	YES
21	MSP Training Academy, 7426 N. Canal Rd., Dimondale	DTMB Larry Kusnier (Facility Electrician) 517-719-5962 Larry Franklin (Facility Liaison) 517-202-6608	Onan 50 DEG-15R/12745E Motor: Ford Natural Gas KVA: 62.5 Transfer Switch: Automatic	Diesel 1000 gallons 24 hours	ID#: 003944 Ser#:	Inside	Mon-Fri 7 am to 5pm		Standard DTMB Background Check - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/Site Access.	YES
22	Constitution Hall, 525 Allegan, Lansing	DTMB Joe Hewitt (Facility Electrician) 517-749-0523 Bethany Jensen (Facility Liaison) 517-284-7951	Onan DFGB Motor: K000174169 KVA: 600 Transfer Switch: Automatic	Diesel 24 hours	ID#: 008404 Ser#:	Inside	Mon-Fri 7 am to 5pm	NO		YES
23	Governor's Residence		Cummins Quietsite GGFE56898 85	natural gas	ID#: 008470	Outside. Escort to generator s by	Mon-Fri 9 am to 5pm	NO	NO	

			Motor: Ford KVA: 42 kW Transfer Switch: Automatic	unlimited	Ser#:	State employe e.			
24	Grand Tower, 235 S. Grand Ave., Lansing		Caterpillar SR4 750 KVA, 600 kW 3 Phase 480 Volt unit	275 gallons 8.5 hours	ID#: 005461 Ser#: 6FA05754	Outside	Mon-Fri 7 am to 5pm	NO	YES
25	Joint Operations Center, 615 W. Allegan St., Lansing		Onan DFEG KVA: 437, kW: 350 3 Phase 480 Volt unit	Diesel 578 gallons	ID#: 008437 Ser#: D060915377	Outside	Mon-Fri 7 am to 5pm	NO	YES
26	Lottery Building, 101 E. Hillsdale St., Lansing		Caterpillar 3406 Motor: Caterpillar H.P.: 445 @ 1800 rpm KVA: 350 kW Transfer Switch: Automatic	500 gallons 20 hours	ID#: 001174 Ser#:	Inside	Mon-Fri 7 am to 5pm	NO	YES
27	Hall of Justice, 925 W. Ottawa St., Lansing		Caterpillar 34T2 KVA: 750, kW:600 3 Phase 480 Volt unit	4000 gallons 160 hours	ID#: 7553 Ser#: AFH00124,B FZ02251	Inside	Mon-Fri 7 am to 5pm	NO	YES
28	Romney Building, 111 S. Capitol Ave., Lansing		Cummins Diesel KTTA- 19-G2 H.P.:750 @ 1800 KVA: 500kw Transfer Switch: Automatic	Diesel 500 gallons 20 hours	ID#: 2290	Outside	Mon-Fri 7 am to 5pm	NO	YES
29	Roosevelt Parking Ramp		Onan #35GGFD KVA: 44 kW: 35 3 Phase 480 Volt unit	natural gas unlimited	ID#: 7968 Ser#: 007968	Outside	Mon-Fri 7 am to 5pm	NO	NO
30	Records Building, 3400 N. Grand River Ave., Lansing, MI 48906		Onan Genset KVA: 44, 480/277 Transfer Switch: Automatic	natural gas unlimited		Inside	Mon-Fri 7 am to 5pm	NO	NO
31	State Police Headquarters, 333 S. Grand Ave., Lansing, MI 48913		Cummins 500GFGA KVA: 500/480 Transfer Switch: Automatic	natural gas unlimited		Outside	Mon-Fri 7 am to 5pm	NO	NO

**Standard
DTMB
Backgrou
nd Check -
Contact
"Agency
Contact"
for
guidance.
- Call
"Agency
Contact"
for
Building/S
ite
Access.**

32	State Combined Lab, 3350 N. MLK Blvd., Lansing		Caterpillar #3512B Motor: 52.8 cu in, KVA: 1500kw at 13,200 volts Transfer Switch: Automatic	Diesel 2,500 gallons 24 hours	ID#: 000604	Outside	Mon-Fri 7 am to 5pm	Background Check Required - Contact "Agency Contact" for guidance.	YES	YES
33	Flint State Office Bldg., 125 E. Union St.	DTMB Paul Bates (Facility Electrician) 517-605-0210 Mike Noonan (Facility Liaison) 810-760-2051	Cummins GGLB 5780000 KVA: 150 kW Transfer Switch: Automatic	natural gas unlimited	ID#: 008453 Ser#: K060992342	Inside	Mon-Fri 7 am to 5pm for general maintenance. Scheduled hours Load bank test and major repair.	Standard DTMB Background Check - Contact "Agency Contact" for guidance - Proper ID at the guard desk. Escort to generators by State employee	YES	NO
34	Jerome T. Hart Bldg., 411 E. Genessee Ave., Saginaw		Cummins/Onan #200 DGFC 150 kW 480/277 Transfer Switch: Automatic Onan 225 amp/ 480 volt	natural gas unlimited	ID#: 006369	Outside	Mon-Fri 7 am to 5pm for general maintenance. Scheduled hours Load bank test and major repair.		NO	NO
35	Grand Rapids State Office Bldg., 350 Ottawa Ave., N. W.	DTMB Chet Kendra (Facility Electrician) 616-299-4689 Frank Broderick (Facility Liaison) 616-299-9954	Kohler #20R074/981 9A5.6 H.P.: 225 @ 1800 rpm KVA: 175 kW Transfer Switch: Automatic		ID#: 001029	Inside	Mon-Fri 7 am to 5 pm	Std DTMB Background Check - Contact "Agency Contact" for guidance and Call for Building/Site Access.	NO	No
36	Camp Grayling JTMC Building 1	DMVA James Shirkey (989) 344-6184 jim.shirkey.nfg@mail.mil	Generac 0055040 17kw		5072677	Outside/limited	Mon-Fri 8 am to 4 pm	Provide technician info to Range Control for all technicians accessing site - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/S	NO	N/A
37	Camp Grayling JTMC Building 115		Generac 0049920 40kw		3889189	Outside/limited	Mon-Fri 8 am to 4 pm		NO	N/A
38	Camp Grayling JTMC Building 203		Generac 8951930200 135kw		2095994	Outside/limited	Mon-Fri 8 am to 4 pm		NO	N/A
39	Camp Grayling JTMC Building 950		Cummins 150.00GGLB 150kw		A12029011	Inside/limited	Mon-Fri 8 am to 4 pm		NO	N/A
40	Camp Grayling JTMC Building 331		Kohler 60RZ272 60kw		273222	Inside/limited	Mon-Fri 8 am to 4 pm		NO	N/A
41	Camp Grayling JTMC Building 36 - A		John Deere MEP-806B 60kw		HX70508	Outside/limited	Mon-Fri 8 am to 4 pm		NO	YES
42	Camp Grayling JTMC Building 36 - B		John Deere MEP-806B		HX70515	Outside/limited	Mon-Fri 8 am to 4 pm		NO	YES
43	Camp Grayling JTMC Building 4	Cummins 85.066hg 85kw		J100165597	Outside/limited	Mon-Fri 8 am to 4 pm	NO	N/A		

44	Camp Grayling JTMC Building 524B	DMVA James Shirkey (989) 344-6184 jim.shirkey.nf g@mail.mil	Generac QTO2524GN SANA 25kw		4904126	Outside/li mited	Mon-Fri 8 am to 4 pm	ite Access.	NO	N/A	
45	Camp Grayling JTMC Building 560		Katolight N350FRZ4 350kw		119887-0306	Outside/li mited	Mon-Fri 8 am to 4 pm		NO	N/A	
46	Camp Grayling JTMC Building 642		Kohler 100RZ272 100kw		266996	Outside/li mited	Mon-Fri 8 am to 4 pm		NO	N/A	
47	Camp Grayling JTMC Building 410		Cummins 60.0GGHE 60kw		K080223032	Outside/li mited	Mon-Fri 8 am to 4 pm		NO	N/A	
48	Camp Grayling JMTC Building 3201R ROCA		Generac/140 77080100 150kw	LP	2114971	Outside/li mited	Mon-Fri 8 am to 4 pm		NO	N/A	
49	Camp Grayling JTMC Building MPRC		Cummins 47.0GGFE 47kw		L080225776	Outside/li mited	Mon-Fri 8 am to 4 pm		NO	N/A	
50	Camp Grayling JTMC Building OP5		Generac QTO2224AN AN 22kw		5335667	Outside/li mited	Mon-Fri 8 am to 4 pm		NO	N/A	
51	Camp Grayling JTMC Building 545	Cummins 35.0ggfd 35kw		F060793629	Outside/li mited	Mon-Fri 8 am to 4 pm	No	N/A			
52	Lansing JFRC Bldg 20 3411 N. MLK Blvd Lansing, MI 48906	DMVA Captain Del Avery (517) 481-7569 delbert.e.avery.mil@mail.mil Ron Souza (517) 481-7546 ronald.d.souza2.nfg@mail.mil	ONAN/Cummins Model DGCG-5689750 277/480V	100 gallons	H040677975	Outside building inside a fenced military parking area	Mon-Fri 8 am to 4 pm	Must have State approved photo ID for all site visits. Must schedule with "Agency Contact".	YES	YES	
53	Lansing JFRC Bldg 30 3423 N. MLK Blvd Lansing, MI 48906		ONAN/Cummins Model DQHAB-5858186 277/480V	525 gallons	E070061093	Outside building on south side of building 30	Mon-Fri 8 am to 4 pm		YES	YES	
54	Grand Ledge AASF #1 10600 Eaton Hwy Grand Ledge, MI 48837		Detroit Diesel S60 400 D8E 277/480V	100 gallons	2087514	Outside building on NE side inside fence	Mon-Fri 8 am to 4 pm		YES	YES	
55	Jackson Armory 4850 Cooper Rd Jackson, MI 49202		Detroit Diesel (John Deere Eng) 230DSEJB 277/480 V	411 gallons	2096373	Outside building on west side in back of armory	Mon-Fri 8 am to 4 pm		Schedule visit with building manager or building maintenance foreman.	N/A	N/A
56	Shiawassee Armory 675 W. Corunna Ave. Corunna, MI 48817		John Deere Model 125 REO2JB 277/480V	500 gallons	2088728	Outside building in back of armory	Mon-Fri 8 am to 4 pm		N/A	N/A	
57	Detroit Light Guard Armory, 4400 E. Eight Mile Rd, Detroit, MI 48234		Cummins G-855 engine coupled with a Matathon Electric Magna One Alternator: 120 KW, 208Y/120	natural gas	#440FRD80 20, 440FRD802 1	Inside a small block building at SE rear of armory inside fence.	Mon-Fri 8 am to 4 pm		N/A	N/A	

58	Taylor Armory 12450 Beech Daly Taylor, MI 48180		Kohler model 200REOJD, 200kW, 250kVA, 480Y/277V	Diesel - 818 gallon sub- base fuel tank	ASCO series 7000, 400A ATS	Outside building in back of armory	Mon-Fri 8 am to 4 pm		N/A	
59	Calumet Armory 57707 Military Ave. Calumet, MI 49913		CAT D40P3 35kW/44kVA, 208Y/120V	diesel 75 gallons	OLY00000T NPF03981	Inside motor vehicle storage building behind the armory	Mon-Fri 8 am to 4 pm		N/A	
60	Fort Custer Training Center FCEC- 2900, Augusta	DMVA Gary Strickland (517) 648- 4897 gary.cstrickla nd2.nfg@mail .mil	Cummins DFEK- 5213077	Diesel 900 gallon	G100143307	Outside behind (NW side) of building next to cooling tower	Mon-Fri 8 am to 4 pm	Fort Custer Proper: Contracted vendor will need to acquire a contractor' s badge to gain access to the Fort. Once the badge is obtained, access to the Fort will be granted at the gate. Contact Fort Custer Engineering for badge.	N/A	
61	Fort Custer Training Center CST- 2750, Augusta		Kohler 125RE02JD	Diesel 400 gallons	2143719	Outside next to east drive leading into vehicle storage bay behind fenced compoun d.	Mon-Fri 8 am to 4 pm	CST Bldg #2750: Mechanic will need to enter front door of building and receive permission to access fenced compound. Same Fort access as #58 above.	N/A	
62	Fort Custer Training Center UTES- 2295, Augusta		Caterpillar C27. Product ID No. CAT00C27C DWB02881	Diesel 1500 usable, 1699 gallon capacity	MJE02878	North side of building in fenced compoun d	Mon-Fri 8 am to 4 pm	UTES fenced compount: Mechanic will need to enter front door of building and receive permission to access fenced compound. Same Fort	N/A	

								access as #58 above.		
63	Fort Custer Training Center ARC-2200, Augusta		Cummins GGMA-6346678	natural gas	A110183760	Outside next to road leading to building.	Mon-Fri 8 am to 4 pm	Same Fort access as #60 above.	N/A	N/A
64	SMR Jackson #1 Power Plant 4000 Cooper St Jackson MI 49201	MDOC Lyle Wyskowski Power Plant Supervisor 517-780-6366 wyskowskil@michigan.gov	Cummins VT12-700-GS	Diesel 8000gal 100gal day tank	Ser# 562425	Main Floor Power Plant	Weekdays 0700-1500	Schedule visit with Power Plant Supervisor	NO	YES
65	SMR Jackson #2 Power Plant 4000 Cooper St Jackson MI 49201		Cummins VT12-700-GS	Diesel 8000gal 100gal day tank	Ser# 562623	Main Floor Power Plant	Weekdays 0700-1500		NO	YES
66	SMR Jackson #3 Power Plant 4000 Cooper St Jackson MI 49201		CAT 3412	Diesel 8000gal 100gal day tank	Ser# 38S11230	Main Floor Power Plant	Weekdays 0700-1500		NO	NO
67	SMR Jackson #4 Power Plant 4000 Cooper St Jackson MI 49201		CAT 3512	Diesel 8000gal 100gal day tank	Ser# 24Z02342	Main Floor Power Plant	Weekdays 0700-1500		NO	NO
68	SMR Jackson #5 Power Plant 4000 Cooper St Jackson MI 49201	MDOC Lyle Wyskowski Power Plant Supervisor 517-780-6366 wyskowskil@michigan.gov	CAT 3408	Diesel 8000gal 100gal day tank	Ser# 78Z05508	Switch Gear Rm Power Plant	Weekdays 0700-1500	Schedule visit with Power Plant Supervisor	NO	YES
69	SMR Jackson #6 Power Plant 4000 Cooper St Jackson MI 49201		Cummins NTTA-855-GS4	Diesel 2000gal 3gal day tank	Ser# 48107998	Switch Gear Rm Duane Waters Hospital	Weekdays 0700-1500	Cannot Locate Generator For Bidding	NO	YES
70	SMRI Power Plant 717 Wall St. Ionia, Mi. 48846	MDOC Dan Ockert (616) 527-2500 ext. 300	Michigan Cat / Model D 348	Diesel 4000 gal.	36J317	Inside the power plant, main floor	Monday - Friday 8:00 am to 2:00 pm	Yes; Notification required.	N/A	N/A
71	SMRI Power Plant 717 Wall St. Ionia, Mi.		Michigan Cat / Model D 348	Diesel 4000 gal.	36J318	Inside the power plant,	Monday - Friday 8:00 am to 2:00 pm	Yes; Notification required.	N/A	N/A

	48846					main floor				
72	Handlon Correction Facility 1728 West Bluwater Hwy Ionia, MI 48846	MDOC Stephen Card (616) 527-3100 CardS1@michigan.gov	Michigan Cat / Model 3412	Diesel 3000gal		generator building next to maintenance building	Monday - Friday 6am to 2pm	Yes contact Maintenance	No	YES
73	Riverside Correctional Power Plant 779 W Riverside Ionia MI 48846	MDOC Dan Ockert (616) 527-2500 ext. 300	Michigan Cat / Model D 3412	Diesel 2000 gal.	81Z00888					
74	Riverside Correctional Field Gen 779 W Riverside Ionia MI 48846	MDOC Dan Ockert (616) 527-2500 ext. 300	Onan NTA-855-C3	Diesel 1000 gal.	SN# - 267874					
75	River Side Correctional Deer Field I(TF)779 W Riverside Ionia Mi 48846	MDOC Dan Ockert (616) 527-2500 ext. 300	Generac G4220BBBP-250	Diesel 500 gal.	TG-20124					
76	Detroit Operations Service Center 1060 W. Fort Street Detroit MI 48226	Keith Williams TMC-12 313-407-4230 williamsk30@michigan.gov	Onan GGHE-5229163 S/N H100148069 60KW 120/240 volt	Natural Gas	H100148069 Spec K	Outside building on NE side inside fence	Mon-Fri 7:30 am to 4:30 pm	Background Check Required - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/Site Access.	NO	NO
77	Detroit Operations Service Center 1060 W. Fort Street Detroit MI 48226		Cummins/Onan 600GFLC 600KW 480 volt	Natural Gas	JM10H3403 15				NO	NO

STATE OF MICHIGAN
 DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
 PROCUREMENT
 P.O. BOX 30026, LANSING, MI 48909
 OR
 525 W. ALLEGAN, LANSING, MI 48933

CHANGE NOTICE NO. 1
 to
CONTRACT NO. 071B5500092
 between
THE STATE OF MICHIGAN
 and

NAME & ADDRESS OF CONTRACTOR	PRIMARY CONTACT	EMAIL
Michigan Cat 24800 Novi Road Novi, MI 48375	Brian Schiellerd	Brian.schiellerd@michigancat.com
	PHONE	CONTRACTOR'S TAX ID NO. (LAST FOUR DIGITS ONLY)
	(248) 349-4800	*****1325

STATE CONTACTS	AGENCY	NAME	PHONE	EMAIL
PROGRAM MANAGER / CCI	Various	Various	Various	Various
CONTRACT ADMINISTRATOR	DTMB	Yvon Dufour	(517) 284-6996	dufouy@michigan.gov

CONTRACT SUMMARY			
DESCRIPTION: Generator Maintenance And Repair			
INITIAL EFFECTIVE DATE	INITIAL EXPIRATION DATE	INITIAL AVAILABLE OPTIONS	EXPIRATION DATE BEFORE CHANGE(S) NOTED BELOW
May 1, 2015	April 30, 2018	2 - 1 Year	April 30, 2018
PAYMENT TERMS		DELIVERY TIMEFRAME	
45 Days		N/A	
ALTERNATE PAYMENT OPTIONS			EXTENDED PURCHASING
<input type="checkbox"/> P-card <input type="checkbox"/> Direct Voucher (DV) <input type="checkbox"/> Other			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
MINIMUM DELIVERY REQUIREMENTS			
N/A			

DESCRIPTION OF CHANGE NOTICE				
EXERCISE OPTION?	LENGTH OF OPTION	EXERCISE EXTENSION?	LENGTH OF EXTENSION	REVISED EXP. DATE
<input type="checkbox"/>		<input type="checkbox"/>		
CURRENT VALUE		VALUE OF CHANGE NOTICE	ESTIMATED AGGREGATE CONTRACT VALUE	
\$ 450,000.00		\$ Click here to enter text.	\$ 450,000.00	
DESCRIPTION: Effective 10/26/2015, the following amendment is hereby incorporated into the contract: multiple MDOC locations have been added to Exhibit B, Pricing, and Exhibit C, Locations (attached). All other terms, conditions, specifications and pricing remain the same. Per DTMB contractor proposal, and DTMB Procurement approval.				

STATE OF MICHIGAN

Contract No. 071B5500092

Generator Maintenance Service

**EXHIBIT B
PRICING**

1. The Contract Activities pricing schedule is listed below.
2. Prices include all costs, including but not limited to, any one-time or set-up charges, fees, and potential costs that Contractor may charge the State (e.g., shipping and handling, per piece pricing, and palletizing).
3. The Contractor will be required to furnish all Contract Activities that may be ordered during the Contract period.

Rates For ALL Generators and Locations										
Standard Hourly Rate	Premium Hourly Rate	Weekend Hourly Rate	Holiday Hourly Rate	% Discount Off List Price For Parts	% Markup On Cost For Parts	Additional charges Or Fees For Repairs	Fuel Gauge Installation (One-time Charge)	Wireless Set Up Fee	Wireless Monthly Fee	Quick Payment terms
\$99.00	\$130.00	\$130.00	\$130.00	0%	25%	\$0.00	\$700.00	\$2,000.00	\$34.00	N/A

ITEM #	Location	Agency Contact	Make/Model	Fuel type/tank capacity - Full load run time with a full tank	State ID/Serial #	Semi-Annual Preventive Service Cost (Each)	Annual Service Cost - includes Load Bank Testing (Each)	Battery Replacement Cost /each	Belt Replacement Cost /each
1	Mason Building 530 W. Allegan, Lansing	DTMB Bob Weldon 517-202-1715 weldonr@michigan.gov	Cummins 350KW Model: 350GFEB	Natural Gas	ID#: Ser#: M14E21 0392	\$200.00	\$750.00	\$650.00	\$485.00
2	Secondary GOB, 7150 Harris Dr.,	John Kinkema 517-243-8942	Caterpillar #98A01809-5 model: 3208	Diesel	ID#:	\$200.00	\$750.00	\$475.00	\$485.00

	Dimondale	kinkemaj@mi chigan.gov	200 KW	300 gallons	Ser#: 5YF037 75				
3	Secondary SOS, 7064 Crownier Dr., Dimondale (1)		Cummins 500 KW	Diesel	ID#: Ser#: G95058 2684	\$285.00	\$900.00	\$650.00	\$485.00
4	Secondary SOS, 7064 Crownier Dr., Dimondale (2)		Cummins 500 KW	Diesel	ID#: Ser#: E96060 6160	\$285.00	\$900.00	\$650.00	\$485.00
5	Secondary SOS, 7064 Crownier Dr., Dimondale (3)		Cummins 1000 KW	Diesel	ID#: Ser#: L10017 4436	\$285.00	\$1,600.00	\$650.00	\$485.00
6	Secondary SOS, 7064 Crownier Dr., Dimondale (4)		Cummins 1000 KW	Diesel	ID#: Ser#: J08021 8484	\$285.00	\$1,600.00	\$650.00	\$485.00
7	Secondary SOS, 7064 Crownier Dr., Dimondale (5)		Cummins 1000 KW	Diesel	ID#: Ser#: K08021 9708	\$285.00	\$1,600.00	\$650.00	\$485.00
8	Secondary SOS, 7064 Crownier Dr., Dimondale (6)		Cummins 1000 KW	Diesel	ID#: Ser#: D11020 6897	\$285.00	\$1,600.00	\$650.00	\$485.00
9	Baker-Olin South, N. MLK Blvd, Lansing		ONAN/Ford Model 100 GGHD 277/480V	natural gas	ID#: Ser#: C98071 3717	\$200.00	\$625.00	\$250.00	\$300.00
10	Austin Building, 430 W. Allegan, Lansing		Cummins 750 KW	Diesel	ID#: Ser#: H05081 9260	\$285.00	\$900.00	\$650.00	\$485.00
11	Operations Center, 7285 Parsons Dr., Dimondale		DTMB Larry Kusnier (Facility Electrician) 517-719-5962 Larry Franklin (Facility Liaison) 517- 202-6608	Cummins 750 KW	Diesel	ID#: Ser#: H05081 3197	\$285.00	\$900.00	\$650.00
12	Cadillac Place – 3044 W.	DTMB	Caterpillar 3512B		ID#:	\$285.00	\$2,000.00	\$725.00	\$525.00

	Grand Blvd, Detroit	Bill Bacalis 517-719-0958			Ser#: 06WN0 0613				
13	Cadillac Place – 3044 W. Grand Blvd, Detroit		Caterpillar 3512B		ID#: Ser#: 06WN0 0614	\$285.00	\$2,000.00	\$725.00	\$525.00
ITEM #	Location	Agency Contact	Make/Model	Fuel type/tank capacity - Full load run time with a full tank	State ID/Serial #	Semi-Annual Preventive Service Cost (Each)	Annual Service Cost - includes Load Bank Testing (Each)	Battery Replacement Cost /each	Belt Replacement Cost /each
14	Energy Center, 7432 Parsons Dr., Dimondale	DTMB Larry Kusnier (Facility Electrician) 517-719-5962 Larry Franklin (Facility Liaison) 517-202-6608	Caterpillar #D348, AA28654000, 1500 kW 3512 motor	1500 Gal. Diesel 20 hrs	ID#: 000882 Ser#: 25 020-01	\$285.00	\$1,850.00	\$725.00	\$525.00
15	Energy Center, 7432 Parsons Dr., Dimondale		Cummins/Onan 200 DGFC Gen set 200 kW 480/277/208/120 Trailer mounted	Diesel 8 hrs.	ID#: 006922 Ser#:	\$200.00	\$750.00	\$450.00	\$485.00
16	Energy Center, 7432 Parsons Dr., Dimondale		Cummins/Onan Natural Gas PCC Gen set 200 kW 480/277/208/120 Trailer mounted	Diesel 8 hrs.	ID#: 006923 Ser#:	\$200.00	\$750.00	\$450.00	\$485.00
17	Energy Center, 7432 Parsons Dr., Dimondale		Cummins/Onan Diesel PCC Gen. set 350 kW 480/277 Trailer mounted	Diesel 200 gallons	ID#: 006921 Ser#:	\$200.00	\$750.00	\$650.00	\$485.00
18	General Services Bldg., 7461 Crowner Dr., Dimondale		Onan 400DFCE Cummins Diesel H.P.: 605 @1800 RPM KVA: 500 Automatic Transfer Switch: Onan	Diesel 600 gallons 24 hours	ID#: 004333 Ser#:	\$285.00	\$750.00	\$650.00	\$485.00
19	General Services Bldg., 7461 Crowner Dr., Dimondale		Onan 400DFCE Cummins Diesel H.P.: 605 @1800 RPM KVA: 500	Diesel 600 gallons	ID#: 004334 Ser#:	\$285.00	\$750.00	\$650.00	\$485.00

			Automatic Transfer Switch: Onan	24 hours					
20	MSP Forensic Lab, 7320 N. Canal Rd., Dimondale		Onan DEFCC-4046466 KVA: 350 480 volt Transfer Switch: Automatic	Diesel 600 gallons 24 hours	ID#: 005265 Ser#:	\$200.00	\$750.00	\$650.00	\$485.00
21	MSP Training Academy, 7426 N. Canal Rd., Dimondale		Onan 50 DEG-15R/12745E Motor: Ford Natural Gas KVA: 62.5 Transfer Switch: Automatic	Diesel 1000 gallons 24 hours	ID#: 003944 Ser#:	\$200.00	\$625.00	\$250.00	\$300.00
22	Constitution Hall, 525 Allegan, Lansing		Onan DFGB Motor: K000174169 KVA: 600 Transfer Switch: Automatic	Diesel 24 hours	ID#: 008404 Ser#:	\$285.00	\$790.00	\$650.00	\$485.00
23	Governor's Residence		Cummins Quietsite GGFE5689885 Motor: Ford KVA: 42 kW Transfer Switch: Automatic	natural gas unlimited	ID#: 008470 Ser#:	\$200.00	\$640.00	\$250.00	\$300.00
24	Grand Tower, 235 S. Grand Ave., Lansing	DTMB Joe Hewitt (Facility Electrician) 517-749-0523 Bethany Jensen 517-284-7951	Caterpillar SR4 750 KVA, 600 kW 3 Phase 480 Volt unit	275 gallons 8.5 hours	ID#: 005461 Ser#: 6FA05754	\$285.00	\$975.00	\$6,650.00	\$485.00
25	Joint Operations Center, 615 W. Allegan St., Lansing		Onan DFEG KVA: 437, kW: 350 3 Phase 480 Volt unit	Diesel 578 gallons	ID#: 008437 Ser#: D060915377	\$200.00	\$800.00	\$650.00	\$485.00
26	Lottery Building, 101 E. Hillsdale St., Lansing		Caterpillar 3406 Motor: Caterpillar H.P.: 445 @ 1800 rpm KVA: 350 kW Transfer Switch: Automatic	500 gallons 20 hours	ID#: 001174 Ser#:	\$200.00	\$800.00	\$650.00	\$485.00
27	Hall of Justice, 925 W. Ottawa St., Lansing		Caterpillar 34T2 KVA: 750, kW:600 3 Phase 480 Volt unit	4000 gallons 160 hours	ID#: 7553 Ser#: AFH00124,BFZ02251	\$285.00	\$1,125.00	\$650.00	\$485.00

28	Romney Building, 111 S. Capitol Ave., Lansing		Cummins Diesel KTTA-19-G2 H.P.:750 @ 1800 KVA: 500kw Transfer Switch: Automatic	Diesel 500 gallons 20 hours	ID#: 2290	\$285.00	\$1,025.00	\$650.00	\$485.00
29	Roosevelt Parking Ramp		Onan #35GGFD KVA: 44 kW: 35 3 Phase 480 Volt unit	natural gas unlimited	ID#: 7968 Ser#: 007968	\$200.00	\$650.00	\$250.00	\$300.00
30	Records Building, 3400 N. Grand River Ave., Lansing, MI 48906		Onan Genset KVA: 44, 480/277 Transfer Switch: Automatic	natural gas unlimited		\$200.00	\$650.00	\$250.00	\$300.00
31	State Police Headquarters, 333 S. Grand Ave., Lansing, MI 48913		Cummins 500GFGA KVA: 500/480 Transfer Switch: Automatic	natural gas unlimited		\$285.00	\$925.00	\$650.00	\$485.00
ITEM #	Location	Agency Contact	Make/Model	Fuel type/tank capacity - Full load run time with a full tank	State ID/Serial #	Semi-Annual Preventive Service Cost (Each)	Annual Service Cost - includes Load Bank Testing (Each)	Battery Replacement Cost /each	Belt Replacement Cost /each
32	State Combined Lab, 3350 N. MLK Blvd., Lansing	DTMB Joe Hewitt (Facility Electrician) 517-749-0523 Bethany Jensen 517-284-7951	Caterpillar #3512B Motor: 52.8 cu in, KVA: 1500kw at 13,200 volts Transfer Switch: Automatic	Diesel 2,500 gallons 24 hours	ID#: 000604	\$285.00	\$2,600.00	\$725.00	\$525.00
33	Flint State Office Bldg., 125 E. Union St.	DTMB Paul Bates (Facility Electrician) 517-605-0210	Cummins GGLB 5780000 KVA: 150 kW Transfer Switch: Automatic	natural gas unlimited	ID#: 008453 Ser#: K06099 2342	\$200.00	\$650.00	\$250.00	\$300.00
34	Jerome T. Hart Bldg., 411 E. Genesee Ave., Saginaw	Mike Noonan (Facility Liaison) 810-760-2051	Cummins/Onan #200 DGFC 150 kW 480/277 Transfer Switch: Automatic Onan 225 amp/ 480 volt	natural gas unlimited	ID#: 006369	\$200.00	\$650.00	\$250.00	\$300.00

35	Grand Rapids State Office Bldg., 350 Ottawa Ave., N. W.	DTMB Chet Kendra (Facility Electrician) 616-299-4689 Frank Broderick (Facility Liaison) 616-299-9954	Kohler #20R074/9819 A5.6 H.P.: 225 @ 1800 rpm KVA: 175 kW Transfer Switch: Automatic	20 hours	ID#: 001029	\$200.00	\$650.00	\$250.00	\$300.00
36	Camp Grayling JTMC Building 1	DMVA James Shirkey (989) 344-6184 jim.shirkey.nfg@mail.mil	Generac 0055040 17kw		5072677	\$180.00	\$650.00	\$250.00	\$300.00
37	Camp Grayling JTMC Building 115		Generac 0049920 40kw		3889189	\$180.00	\$650.00	\$250.00	\$300.00
38	Camp Grayling JTMC Building 203		Generac 8951930200 135kw		2095994	\$180.00	\$650.00	\$250.00	\$300.00
39	Camp Grayling JTMC Building 950		Cummins 150.00GGLB 150kw		A12029011	\$180.00	\$650.00	\$250.00	\$300.00
40	Camp Grayling JTMC Building 331		Kohler 60RZ272 60kw		273222	\$180.00	\$650.00	\$250.00	\$300.00
41	Camp Grayling JTMC Building 36 - A		John Deere MEP-806B 60kw		HX70508	\$180.00	\$650.00	\$250.00	\$300.00
42	Camp Grayling JTMC Building 36 - B		John Deere MEP-806B		HX70515	\$180.00	\$650.00	\$250.00	\$300.00
43	Camp Grayling JTMC Building 4		Cummins 85.066hg 85kw		J100165597	\$180.00	\$650.00	\$250.00	\$300.00
44	Camp Grayling JTMC Building 524B		Generac QTO2524GNS ANA 25kw		4904126	\$180.00	\$650.00	\$250.00	\$300.00
45	Camp Grayling JTMC Building 560		Katolight N350FRZ4 350kw		119887-0306	\$180.00	\$650.00	\$250.00	\$300.00
46	Camp Grayling JTMC Building 642		Kohler 100RZ272 100kw		266996	\$180.00	\$650.00	\$250.00	\$300.00
47	Camp Grayling JTMC Building 410		Cummins 60.0GGHE 60kw		K080223032	\$180.00	\$650.00	\$250.00	\$300.00
48	Camp Grayling JMTC Building 3201R ROCA		Generac/14077 080100 150kw	LP	2114971	\$180.00	\$650.00	\$250.00	\$300.00
49	Camp Grayling	Cummins 47.0GGFE		L080225776	\$180.00	\$650.00	\$250.00	\$300.00	

	JTMC Building MPRC		47kw						
50	Camp Grayling JTMC Building OP5		Generac QTO2224ANAN 22kw		5335667	\$180.00	\$650.00	\$250.00	\$300.00
51	Camp Grayling JTMC Building 545		Cummins 35.0ggfd 35kw		F060793629	\$180.00	\$650.00	\$250.00	\$300.00
52	Lansing JFRC Bldg 20 3411 N. MLK Blvd Lansing, MI 48906	DMVA Captain Del Avery (517) 481-7569 delbert.e.avery.mil@mail.mil Ron Souza (517) 481-7546 ronald.d.souza.2.nfg@mail.mil	ONAN/Cummins Model DGCG-5689750 277/480V	100 gallons	H040677975	\$200.00	\$650.00	\$250.00	\$300.00
53	Lansing JFRC Bldg 30 3423 N. MLK Blvd Lansing, MI 48906		ONAN/Cummins Model DQHAB-5858186 277/480V	525 gallons	E070061093	\$285.00	\$2,600.00	\$750.00	\$485.00
54	Grand Ledge AASF #1 10600 Eaton Hwy Grand Ledge, MI 48837		Detroit Diesel S60 400 D8E 277/480V	100 gallons	2087514	\$285.00	\$790.00	\$250.00	\$300.00
55	Jackson Armory 4850 Cooper Rd Jackson, MI 49202		Detroit Diesel (John Deere Eng) 230DSEJB 277/480 V	411 gallons	2096373	\$200.00	\$790.00	\$250.00	\$450.00
56	Shiawassee Armory 675 W. Corunna Ave. Corunna, MI 48817		John Deere Model 125 REO2JB 277/480V	500 gallons	2088728	\$200.00	\$625.00	\$250.00	\$450.00
57	Detroit Light Guard Armory, 4400 E. Eight Mile Rd, Detroit, MI 48234		Cummins G-855 engine coupled with a Matathon Electric Magna One Alternator: 120 KW, 208Y/120	natural gas	#440FRD8020, 440FRD8021	\$200.00	\$695.00	\$250.00	\$450.00
58	Taylor Armory 12450 Beech Daly Taylor, MI 48180		Kohler model 200REOJD, 200kW, 250kVA, 480Y/277V	Diesel - 818 gallon sub-base fuel tank	ASCO series 7000, 400A ATS	\$200.00	\$775.00	\$350.00	\$450.00
ITEM #	Location		Agency Contact	Make/Model	Fuel type/tank capacity - Full load run time with a full tank	State ID/Serial #	Semi-Annual Preventive Service Cost (Each)	Annual Service Cost - includes Load Bank Testing (Each)	Battery Replacement Cost /each
59	Calumet Armory 57707 Military Ave. Calumet, MI 49913	Same as above	CAT D40P3 35kW/44kVA, 208Y/120V	diesel 75 gallons	OLY00000TNPF03981	\$200.00	\$690.00	\$250.00	\$300.00

60	Fort Custer Training Center FCEC-2900, Augusta	DMVA Gary Strickland (517) 648-4897 gary.cstrickland2.nfg@mail.mil	Cummins DFEK-5213077	Diesel 900 gallon	G10014 3307	\$285.00	\$925.00	\$650.00	\$450.00
61	Fort Custer Training Center CST-2750, Augusta		Kohler 125RE02JD	Diesel 400 gallons	2143719	\$200.00	\$650.00	\$250.00	\$300.00
62	Fort Custer Training Center UTES-2295, Augusta		Caterpillar C27. Product ID No. CAT00C27CD WB02881	Diesel 1500 usable, 1699 gallon capacity	MJE02878	\$285.00	\$1,025.00	\$650.00	\$450.00
63	Fort Custer Training Center ARC-2200, Augusta		Cummins GGMA-6346678	natural gas	A11018 3760	\$200.00	\$650.00	\$250.00	\$300.00
64	SMR Jackson #1 Power Plant 4000 Cooper St Jackson MI 49201	MDOC Lyle Wyskowski Power Plant Supervisor 517-780-6366 wyskowskil@michigan.gov	Cummins VT12-700-GS	Diesel 8000gal 100gal day tank	Ser# 562425	\$285.00	\$1,575.00 No Load Bank Test	\$750.00	\$450.00
65	SMR Jackson #2 Power Plant 4000 Cooper St Jackson MI 49201		Cummins VT12-700-GS	Diesel 8000gal 100gal day tank	Ser# 562623	\$285.00	\$1,575.00 No Load Bank Test	\$750.00	\$450.00
66	SMR Jackson #3 Power Plant 4000 Cooper St Jackson MI 49201		CAT 3412	Diesel 8000gal 100gal day tank	Ser# 38S11230	\$285.00	\$1,250.00 No Load Bank Test	\$750.00	\$0.00
67	SMR Jackson #4 Power Plant 4000 Cooper St Jackson MI 49201		CAT 3512	Diesel 8000gal 100gal day tank	Ser# 24Z02342	\$285.00	\$2,000.00 No Load Bank Test	\$750.00	\$450.00
68	SMR Jackson #5 Power Plant 4000 Cooper St Jackson MI 49201		CAT 3408	Diesel 8000gal 100gal day tank	Ser# 78Z05508	\$285.00	\$1,000.00 No Load Bank Test	\$750.00	\$450.00
69	SMR Jackson #6 Power Plant 4000 Cooper St Jackson MI 49201		Cummins NTTA-855-GS1	Diesel 2000gal 3gal day tank	Ser# 48107998	Cannot locate unit for bid			
70	SMRI Power Plant 717 Wall St. Ionia, Mi. 48846	MDOC Dan Ockert (616) 527-2500 ext. 300	Michigan Cat / Model D 348	Diesel 4000 gal.	36J317	\$285.00	\$1,325.00 No Load Bank Test	\$725.00	\$450.00
71	SMRI Power Plant 717 Wall St.	MDOC Dan Ockert (616) 527-	Michigan Cat / Model D 348	Diesel 4000 gal.	36J318	\$285.00	\$1,325.00 No Load Bank Test	\$725.00	\$450.00

	Ionia, Mi. 48846	2500 ext. 300							
72	Handlon Correction Facility 1728 West Bluwater Hwy Ionia, MI 48846	MDOC Stephen Card (616) 527- 3100 CardS1@mich igan.gov	Michigan Cat / Model 3412	Diesel Gallons ?????	81Z175 47	\$250.00	\$1,000.00 No Load Bank Test	\$725.00	\$485.00
73	Riverside Correctional Power Plant 779 W Riverside Ionia MI 48846	MDOC Dan Ockert (616) 527- 2500 ext. 300	Michigan Cat / Model D 3412	Diesel 2000 gal.	81Z008 88	\$285.00	\$875.00 No Load Bank Test	\$725.00	\$450.00
74	Riverside Correctional Field Gen 779 W Riverside Ionia MI 48846	MDOC Dan Ockert (616) 527- 2500 ext. 300	Onan NTA-855- C3	Diesel 1000 gal.	SN# - 267874	\$285.00	\$650.00 No Load Bank Test	\$725.00	\$450.00
75	River Side Correctional Deer Field I(TF)779 W Riverside Ionia Mi 48846	MDOC Dan Ockert (616) 527- 2500 ext. 300	Generac G4220BBBP- 250	Diesel 500 gal.	TG- 20124	\$285.00	\$650.00 No Load Bank Test	\$725.00	\$450.00

STATE OF MICHIGAN

Contract No. 071B5500092

Generator Maintenance Service

EXHIBIT C

LOCATIONS

ITEM #	Location	Agency Contact	Make/Model	Fuel type/tank capacity - Full load run time with a full tank	State ID/Serial #	1 Generator Location	2 What days and what time of day is the generator to be serviced?	3 Is access for contracted vendor standard? If not, describe requirements (ie; background check prior to maintenance work?)	4 Which generators have wireless remote monitoring?	5 Which generators have working fuel gauges?
1	Mason Building 530 W. Allegan, Lansing	DTMB Bob Weldon 517-202-1715 weldonr@michigan.gov	Cummins 350KW Model: 350GFEB	Natural Gas	ID#: Ser#: M14E210392	Located in upper level parking ramp	Weekends	Background Check Required - Contact "Agency Contact" for guidance. - Call "Agency	NO	YES
2	Secondary GOB, 7150 Harris Dr., Dimondale	v John Kinkema 517-243-8942 kinkemaj@michigan.gov	Caterpillar #98A01809-5 model: 3208 200 KW	Diesel 300 gallons	ID#: Ser#: 5YF03775	Outside - but in a locked housing unit.	Weekends	Background Check Required - Contact "Agency Contact" for guidance. - Call "Agency	YES	YES

3	Secondary SOS, 7064 Crown Dr., Dimondale (1)	Cummins 500 KW	Diesel 500 gallons	ID#: Ser#: G950582684	Outside - but in a locked housing unit.	Weekends	Contact" for Building/ Site Access.	NO	YES
4	Secondary SOS, 7064 Crown Dr., Dimondale (2)	Cummins 500 KW	Diesel 500 gallons	ID#: Ser#: E960606160	Outside - but in a locked housing unit.	Weekends		NO	YES
5	Secondary SOS, 7064 Crown Dr., Dimondale (3)	Cummins 1000 KW	Diesel 2400 gallons	ID#: Ser#: L100174436	Outside - but in a locked housing unit.	Weekends		NO	YES
6	Secondary SOS, 7064 Crown Dr., Dimondale (4)	Cummins 1000 KW	Diesel 2400 gallons	ID#: Ser#: J080218484	Outside - but in a locked housing unit.	Weekends		NO	YES
7	Secondary SOS, 7064 Crown Dr., Dimondale (5)	Cummins 1000 KW	Diesel 2400 gallons	ID#: Ser#: K080219708	Outside - but in a locked housing unit.	Weekends		NO	YES
8	Secondary	Cummins 1000 KW	Diesel	ID#:	Outside -	Weekend		NO	YES

	y SOS, 7064 Crown Dr., Dimondal e (6)		2400 gallons	Ser#: D110206897	but in a locked housing unit.	s			
9	Baker- Olin South, N. MLK Blvd, Lansing	ONAN/Ford Model 100 GGHD 277/480V	natural gas	ID#: Ser#: C980713717	Outside - but in a gated area and locked housing unit.	Weekend s		NO	YES
10	Austin Building, 430 W. Allegan, Lansing	Cummins 750 KW	Diesel 1000 gallons with 100 gallon day tank	ID#: Ser#: H050819260	Located in Mason Building Loading Dock	Weekend s		NO	YES
11	Operation s Center, 7285 Parsons Dr., Dimondal e	Cummins 750 KW	Diesel 750 gallons	ID#: Ser#: H050813197	Outside - but in a locked housing unit.	Weekend s	Backgrou nd Check Required - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/ Site Access.	NO	YES

12	Cadillac Place – 3044 W. Grand Blvd, Detroit	DTMB Bill Bacalis 517-719-0958 DTMB Al Vettese 313-456-2371	Caterpillar 3512B	Diesel 3000 gallons	ID#: Ser#: 06WN00613	Inside Building	Weekend s	Background Check Required - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/ Site Access.	NO	YES
13	Cadillac Place – 3044 W. Grand Blvd, Detroit		Caterpillar 3512B For Fire Life Safety	Diesel 3000 gallons with 300 gallon day tank	ID#: Ser#: 06WN00614	Inside Building	Weekend s		NO	YES
14	Energy Center, 7432 Parsons Dr., Dimondal e	DTMB Larry Kusnier (Facility Electrician) 517- 719-5962 Larry Franklin (Facility Liaison) 517-202-6608	Caterpillar #D348, AA28654000, 1500 kW 3512 motor	1500 Gal. Diesel 20 hrs	ID#: 000882 Ser#:25020-01	OUTSIDE	Mon-Fri 7 am to 5pm	Standard DTMB Background Check - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/ Site Access.	YES/N O	YES
15	Energy Center, 7432 Parsons Dr., Dimondal e		Cummins/Onan 200 DGFC Gen set 200 kW 480/277/208/120 Trailer mounted	Diesel 8 hrs.	ID#: 006922 Ser#:	OUTSIDE	Mon-Fri 7 am to 5pm		YES	YES
16	Energy Center, 7432 Parsons Dr., Dimondal		Cummins/Onan Natural Gas PCC Gen set 200 kW 480/277/208/120 Trailer mounted	Diesel 8 hrs.	ID#: 006923 Ser#:	OUTSIDE	Mon-Fri 7 am to 5pm		YES	YES

	e									
17	Energy Center, 7432 Parsons Dr., Dimondale	Cummins/Onan Diesel PCC Gen. set 350 kW 480/277 Trailer mounted	Diesel 200 gallons	ID#: 006921 Ser#:	OUTSIDE	Mon-Fri 7 am to 5pm		YES	YES	
18	General Services Bldg., 7461 Crowner Dr., Dimondale	Onan 400DFCE Cummins Diesel H.P.: 605 @1800 RPM KVA: 500 Automatic Transfer Switch: Onan	Diesel 600 gallons 24 hours	ID#: 004333 Ser#:	INSIDE	Mon-Fri 7 am to 5pm	Standard DTMB Background Check - Contact "Agency Contact" for guidance. Proper ID at the guard gate. Escort to generators by State employee.	YES	YES	
19	General Services Bldg., 7461 Crowner Dr., Dimondale	Onan 400DFCE Cummins Diesel H.P.: 605 @1800 RPM KVA: 500 Automatic Transfer Switch: Onan	Diesel 600 gallons 24 hours	ID#: 004334 Ser#:	OUTSIDE	Mon-Fri 7 am to 5pm		YES	YES	
20	MSP Forensic Lab, 7320 N. Canal Rd., Dimondale	Onan DEFCC-4046466 KVA: 350 480 volt Transfer Switch: Automatic	Diesel 600 gallons 24 hours	ID#: 005265 Ser#:	OUTSIDE	Mon-Fri 7 am to 5pm	Background check - Contact "Agency Contact" for guidance. Escorted	YES	YES	

ITEM #	Location	Agency Contact	Make/Model	Fuel type/tank capacity - Full load run time with a full tank	State ID/Serial #	Generator Location	What days and what time of day is the generator to be serviced?	Is access for contracted vendor standard? If not, describe requirements (ie; background check prior to maintenance work?)	and supervised by State Employee	Which generators have wireless remote monitoring?	Which generators have working fuel gauges?
21	MSP Training Academy, 7426 N. Canal Rd., Dimondale	DTMB Larry Kusnier (Facility Electrician) 517-719-5962 Larry Franklin (Facility Liaison) 517-202-6608	Onan 50 DEG-15R/12745E Motor: Ford Natural Gas KVA: 62.5 Transfer Switch: Automatic	Diesel 1000 gallons 24 hours	ID#: 003944 Ser#:	INSIDE	Mon-Fri 7 am to 5pm	Standard DTMB Background Check - Contact "Agency Contact" for guidance.		YES	YES
22	Constitution Hall, 525 Allegan, Lansing	DTMB Joe Hewitt (Facility Electrician) 517-749-0523 Bethany Jensen (Facility Liaison) 517-284-7951	Onan DFGB Motor: K000174169 KVA: 600 Transfer Switch: Automatic	Diesel 24 hours	ID#: 008404 Ser#:	INSIDE	Mon-Fri 7 am to 5pm	- Call "Agency Contact" for Building/Site		NO	YES

								Access.		
23	Governor's Residence	Cummins Quietsite GGFE5689885 Motor: Ford KVA: 42 kW Transfer Switch: Automatic	natural gas unlimited	ID#: 008470 Ser#:	OUTSIDE. Escort to generators by State employee.	Mon-Fri 9 am to 5pm	Background Check Required - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/Site Access.	NO	NO	
24	Grand Tower, 235 S. Grand Ave., Lansing	Caterpillar SR4 750 KVA, 600 kW 3 Phase 480 Volt unit	275 gallons 8.5 hours	ID#: 005461 Ser#: 6FA05754	OUTSIDE	Mon-Fri 7 am to 5pm	Standard DTMB Background Check - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/Site Access.	NO	YES	
25	Joint Operations Center, 615 W. Allegan St., Lansing	Onan DFEG KVA: 437, kW: 350 3 Phase 480 Volt unit	Diesel 578 gallons	ID#: 008437 Ser#: D060915377	OUTSIDE	Mon-Fri 7 am to 5pm	Standard DTMB Background Check - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/Site Access.	NO	YES	
26	Lottery	Caterpillar 3406		ID#: 001174	INSIDE	Mon-Fri 7	Backgro	NO	YES	

	Building, 101 E. Hillsdale St., Lansing	Motor: Caterpillar H.P.: 445 @ 1800 rpm KVA: 350 kW	500 gallons	Ser#:		am to 5pm	und Check Require d - Contact "Agency Contact" for guidanc e.		
		Transfer Switch: Automatic	20 hours						
27	Hall of Justice, 925 W. Ottawa St., Lansing	Caterpillar 34T2 KVA: 750, kW:600	4000 gallons	ID#: 7553		Mon-Fri 7 am to 5pm	Backgro und Check Require d - Contact "Agency Contact" for guidanc e.	NO	YES
		3 Phase 480 Volt unit	160 hours	Ser#: AFH00124,BFZ 02251	INSIDE				
28	Romney Building, 111 S. Capitol Ave., Lansing	Cummins Diesel KTTA-19-G2 H.P.:750 @ 1800 KVA: 500kw	Diesel 500 gallons	ID#: 2290		Mon-Fri 7 am to 5pm	Backgro und Check Require d - Contact "Agency Contact" for guidanc e.	NO	YES
		Transfer Switch: Automatic	20 hours		OUTSIDE				
29	Roosevelt Parking Ramp	Onan #35GGFD KVA: 44 kW: 35 3 Phase 480 Volt	natural gas unlimited	ID#: 7968 Ser#: 007968	OUTSIDE	Mon-Fri 7 am to 5pm	Standard DTMB Backgrou nd Check	NO	NO

			unit					- Contact "Agency Contact" for guidance.			
30	Records Building, 3400 N. Grand River Ave., Lansing, MI 48906		Onan Genset KVA: 44, 480/277 Transfer Switch: Automatic	natural gas unlimited			INSIDE	Mon-Fri 7 am to 5pm	- Call "Agency Contact" for Building/ Site Access.	NO	NO
31	State Police Headquarters, 333 S. Grand Ave., Lansing, MI 48913		Cummins 500GFGA KVA: 500/480 Transfer Switch: Automatic	natural gas unlimited			OUTSIDE	Mon-Fri 7 am to 5pm	Background Check Required - Contact "Agency Contact" for guidance.	NO	NO
32	State Combined Lab, 3350 N. MLK Blvd., Lansing		Caterpillar #3512B Motor: 52.8 cu in, KVA: 1500kw at 13,200 volts Transfer Switch: Automatic	Diesel 2,500 gallons 24 hours	ID#: 000604		OUTSIDE	Mon-Fri 7 am to 5pm	Background Check Required - Contact "Agency Contact" for guidance.	YES	YES
33	Flint State Office Bldg., 125 E. Union St.	DTMB Paul Bates (Facility Electrician) 517-605-0210 Mike Noonan (Facility Liaison)	Cummins GGLB 5780000 KVA: 150 kW Transfer Switch: Automatic	natural gas unlimited	ID#: 008453 Ser#: K060992342		INSIDE	Mon-Fri 7 am to 5pm for general maintenance.	Standard DTMB Background Check - Contact "Agency	YES	NO

34	Jerome T. Hart Bldg., 411 E. Genesse Ave., Saginaw	810-760-2051	Cummins/Onan #200 DGFC 150 kW 480/277	natural gas	ID#: 006369	OUTSIDE	Schedule d hours Load bank test and major repair.	Contact" for guidance - Proper ID at the guard desk. Escort to generators by State employee	NO	NO
			Transfer Switch: Automatic Onan 225 amp/ 480 volt	unlimited			Mon-Fri 7 am to 5pm for general maintenance. Schedule d hours Load bank test and major repair.			
35	Grand Rapids State Office Bldg., 350 Ottawa Ave., N. W.	DTMB Chet Kendra (Facility Electrician) 616-299-4689 Frank Broderick (Facility Liaison) 616-299-9954	Kohler #20R074/9819A5.6 H.P.: 225 @ 1800 rpm KVA: 175 kW		ID#: 001029	INSIDE	Mon-Fri 7 am to 5 pm	Standard DTMB Background Check - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/ Site	NO	No

								Access.		
36	Camp Grayling JTMC Building 1	DMVA James Shirkey (989) 344-6184 jim.shirkey.nfg@mail.mil	Generac 0055040 17kw		5072677	Outside/limited	Mon-Fri 8 am to 4 pm	Provide technician info to Range Control for all technicians accessing site - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/ Site Access.	NO	N/A
37	Camp Grayling JTMC Building 115		Generac 0049920 40kw		3889189	Outside/limited	Mon-Fri 8 am to 4 pm		NO	N/A
38	Camp Grayling JTMC Building 203		Generac 8951930200 135kw		2095994	Outside/limited	Mon-Fri 8 am to 4 pm		NO	N/A
39	Camp Grayling JTMC Building 950		Cummins 150.00GGLB 150kw		A12029011	Inside/limited	Mon-Fri 8 am to 4 pm		NO	N/A
40	Camp Grayling JTMC Building 331		Kohler 60RZ272 60kw		273222	Inside/limited	Mon-Fri 8 am to 4 pm		NO	N/A
41	Camp Grayling JTMC Building 36 - A		John Deere MEP-806B 60kw		HX70508	Outside/limited	Mon-Fri 8 am to 4 pm		NO	YES
42	Camp Grayling JTMC Building 36 - B		John Deere MEP-806B		HX70515	Outside/limited	Mon-Fri 8 am to 4 pm		NO	YES

43	Camp Grayling JTMC Building 4		Cummins 85.066hg 85kw		J100165597	Outside/limited	Mon-Fri 8 am to 4 pm		NO	N/A
44	Camp Grayling JTMC Building 524B		Generac QTO2524GNSANA 25kw		4904126	Outside/limited	Mon-Fri 8 am to 4 pm		NO	N/A
45	Camp Grayling JTMC Building 560		Katolight N350FRZ4 350kw		119887-0306	Outside/limited	Mon-Fri 8 am to 4 pm		NO	N/A
46	Camp Grayling JTMC Building 642		Kohler 100RZ272 100kw		266996	Outside/limited	Mon-Fri 8 am to 4 pm		NO	N/A
ITEM #	Location	Agency Contact	Make/Model	Fuel type/tank capacity - Full load run time with a full tank	State ID/Serial #	Generator Location	What days and what time of day is the generator to be serviced?	Is access for contracted vendor standard? If not, describe requirements (ie; background check prior to maintenance work?)	Which generators have wireless remote monitoring?	Which generators have working fuel gauges?

47	Camp Grayling JTMC Building 410	DMVA James Shirkey (989) 344-6184 jim.shirkey.nfg@mail.mil	Cummins 60.0GGHE 60kw		K080223032	Outside/limited	Mon-Fri 8 am to 4 pm	Provide technician info to Range Control for all technicians accessing site - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/Site Access.	NO	N/A
48	Camp Grayling JMTC Building 3201R ROCA		Generac/14077080 100 150kw	LP	2114971	Outside/limited	Mon-Fri 8 am to 4 pm		NO	N/A
49	Camp Grayling JTMC Building MPRC		Cummins 47.0GGFE 47kw		L080225776	Outside/limited	Mon-Fri 8 am to 4 pm		NO	N/A
50	Camp Grayling JTMC Building OP5		Generac QTO2224ANAN 22kw		5335667	Outside/limited	Mon-Fri 8 am to 4 pm		NO	N/A
51	Camp Grayling JTMC Building 545		Cummins 35.0ggfd 35kw		F060793629	Outside/limited	Mon-Fri 8 am to 4 pm		No	N/A
52	Lansing JFRC Bldg 20 3411 N. MLK Blvd Lansing, MI 48906	DMVA Captain Del Avery (517) 481-7569 delbert.e.avery.mil@mail.mil Ron Souza (517) 481-7546 ronald.d.souza2.nfg@mail.mil	ONAN/Cummins Model DGCG-5689750 277/480V	100 gallons	H040677975	Outside building inside a fenced military parking area	Mon-Fri 8 am to 4 pm	Must have State approved photo ID for all site visits. Must schedule	YES	YES
53	Lansing JFRC Bldg 30		ONAN/Cummins Model DQHAB-5858186 277/480V	525 gallons	E070061093	Outside building on south	Mon-Fri 8 am to 4 pm		YES	YES

	3423 N. MLK Blvd Lansing, MI 48906					side of building 30		with "Agency Contact".		
54	Grand Ledge AASF #1 10600 Eaton Hwy Grand Ledge, MI 48837	Detroit Diesel S60 400 D8E 277/480V	100 gallons	2087514		Outside building on NE side inside fence	Mon-Fri 8 am to 4 pm		YES	YES
55	Jackson Armory 4850 Cooper Rd Jackson, MI 49202	Detroit Diesel (John Deere Eng) 230DSEJB 277/480V	411 gallons	2096373		Outside building on west side in back of armory	Mon-Fri 8 am to 4 pm	Schedule visit with building manager or building maintenance foreman.	N/A	
56	Shiawassee Armory 675 W. Corunna Ave. Corunna, MI 48817	John Deere Model 125 REO2JB 277/480V	500 gallons	2088728		Outside building in back of armory	Mon-Fri 8 am to 4 pm		N/A	N/A
57	Detroit Light Guard Armory, 4400 E. Eight Mile Rd, Detroit, MI 48234	Cummins G-855 engine coupled with a Matathon Electric Magna One Alternator: 120 KW, 208Y/120	natural gas	#440FRD8020, 440FRD8021		Inside a small block building at SE rear of armory inside fence.	Mon-Fri 8 am to 4 pm		N/A	N/A

58	Taylor Armory 12450 Beech Daly Taylor, MI 48180		Kohler model 200REOJD, 200kW, 250kVA, 480Y/277V	Diesel - 818 gallon sub-base fuel tank	ASCO series 7000, 400A ATS	Outside building in back of armory	Mon-Fri 8 am to 4 pm		N/A	
59	Calumet Armory 57707 Military Ave. Calumet, MI 49913		CAT D40P3 35kW/44kVA, 208Y/120V	diesel 75 gallons	OLY00000TNPF 03981	Inside motor vehicle storage building behind the armory	Mon-Fri 8 am to 4 pm		N/A	
60	Fort Custer Training Center FCEC-2900, Augusta	DMVA Gary Strickland (517) 648-4897 gary.cstrickland2.nfg@mail.mil	Cummins DFEK-5213077	Diesel 900 gallon	G100143307	Outside behind (NW side) of building next to cooling tower	Mon-Fri 8 am to 4 pm	Fort Custer Proper: Contracted vendor will need to acquire a contractor's badge to gain access to the Fort. Once the badge is obtained, access to the Fort will be granted at the	N/A	

								gate. Contact Fort Custer Engineeri ng for badge.		
61	Fort Custer Training Center CST- 2750, Augusta		Kohler 125RE02JD	Diesel 400 gallons	2143719	Outside next to east drive leading into vehicle storage bay behind fenced compound	Mon-Fri 8 am to 4 pm	CST Bldg #2750: Mechanic will need to enter front door of building and receive permissio n to access fenced compoun d. Same Fort access as #58 above.	N/A	

62	Fort Custer Training Center UTES-2295, Augusta		Caterpillar C27. Product ID No. CAT00C27CDWB0 2881	Diesel 1500 usable, 1699 gallon capacity	MJE02878	North side of building in fenced compound	Mon-Fri 8 am to 4 pm	UTES fenced compound: Mechanic will need to enter front door of building and receive permission to access fenced compound. Same Fort access as #58 above.	N/A	
63	Fort Custer Training Center ARC-2200, Augusta		Cummins GGMA-6346678	natural gas	A110183760	Outside next to road leading to building.	Mon-Fri 8 am to 4 pm	Same Fort access as #58 above.	N/A	N/A
64	SMR Jackson #1 Power Plant 4000	MDOC Lyle Wyskowski Power Plant Supervisor 517-780-6366 wyskowskil@michiga	Cummins VT12-700-GS	Diesel 8000gal 100gal day tank	Ser# 562425	Main Floor Power Plant	Weekdays 0700-1500	Schedule visit with Power Plant Supervisor	NO	YES

	Cooper St Jackson MI 49201	n.gov						r			
65	SMR Jackson #2 Power Plant 4000 Cooper St Jackson MI 49201		Cummins VT12- 700-GS	Diesel 8000gal 100gal day tank	Ser# 562623	Main Floor Power Plant	Weekday s 0700- 1500			NO	YES
66	SMR Jackson #3 Power Plant 4000 Cooper St Jackson MI 49201		CAT 3412	Diesel 8000gal 100gal day tank	Ser# 38S11230	Main Floor Power Plant	Weekday s 0700- 1500			NO	NO
67	SMR Jackson #4 Power Plant 4000 Cooper St Jackson MI 49201		CAT 3512	Diesel 8000gal 100gal day tank	Ser# 24Z02342	Main Floor Power Plant	Weekday s 0700- 1500			NO	NO
ITEM #	Location	Agency Contact	Make/Model	Fuel type/tan k capacity	State ID/Serial #	Generator Location	What days and what time	Is access for contracte	Which generat ors have	Which generat ors	

				- Full load run time with a full tank			of day is the generator to be serviced?	Vendor standard? If not, describe requirements (ie; background check prior to maintenance work?)	wireless remote monitoring?	have working fuel gauges?
68	SMR Jackson #5 Power Plant 4000 Cooper St Jackson MI 49201	MDOC Lyle Wyskowski Power Plant Supervisor 517-780-6366 wyskowskil@michigan.gov	CAT 3408	Diesel 8000gal 100gal day tank	Ser# 78Z05508	Switch Gear Rm Power Plant	Weekdays 0700-1500	Schedule visit with Power Plant Supervisor	NO	YES
69	SMR Jackson #6 Power Plant 4000 Cooper St Jackson MI 49201		Cummins NTTA-855-GS1	Diesel 2000gal 3gal day tank	Ser# 18107998	Switch Gear Rm Duane Waters Hospital	Weekdays 0700-1500	Cannot Locate Generator For Bidding	NO	YES
70	SMRI Power Plant 717 Wall St.	MDOC Dan Ockert (616) 527-2500 ext. 300	Michigan Cat / Model D 348	Diesel 4000 gal.	36J317	Inside the power plant, main floor	Monday - Friday 8:00 am to 2:00 pm	Yes; Notification required.	N/A	N/A

	Ionia, Mi. 48846									
71	SMRI Power Plant 717 Wall St. Ionia, Mi. 48846		Michigan Cat / Model D 348	Diesel 4000 gal.	36J318	Inside the power plant, main floor	Monday - Friday 8:00 am to 2:00 pm	Yes; Notificati on required.	N/A	N/A
72	Handlon Correction Facilty 1728 West Bluwater Hwy Ionia, MI 48846	MDOC Stephen Card (616) 527-3100 CardS1@michigan.go v	Michigan Cat / Model 3412	Diesel 3000gal		generator building next to maintenan ce building	Monday - Friday6a m to 2pm	Yes contact Maintena nce	No	YES
73	Riverside Correction al Power Plant 779 W Riverside Ionia MI 48846	MDOC Dan Ockert (616) 527-2500 ext. 300	Michigan Cat / Model D 3412	Diesel 2000 gal.	81Z00888					
74	Riverside Correction al Field Gen 779 W Riverside Ionia MI 48846	MDOC Dan Ockert (616) 527-2500 ext. 300	Onan NTA-855-C3	Diesel 1000 gal.	SN# - 267874					

75	River Side Correctional Deer Field I(TF)779 W Riverside Ionia Mi 48846	MDOC Dan Ockert (616) 527-2500 ext. 300	Generac G4220BBBP-250	Diesel 500 gal.	TG-20124					
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AUTHORITY: Act 431 of 1984
 COMPLETION: Required
 PENALTY: Contract change will not be executed unless form is filed

STATE OF MICHIGAN
 DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
 PROCUREMENT
 P.O. BOX 30026, LANSING, MI 48909
 OR
 525 W. ALLEGAN, LANSING, MI 48933

NOTICE OF CONTRACT NO. 071B5500092
 between
THE STATE OF MICHIGAN
 and

NAME & ADDRESS OF CONTRACTOR	PRIMARY CONTACT	EMAIL
Michigan CAT 24800 Novi Road Novi MI, 48375	Brian Schiellerd	Brian.schiellerd@michig
	PHONE	VENDOR TAX ID (LAST FOUR DIGITS O
	(248) 349-4800	1325

STATE CONTACTS	AGENCY	NAME	PHONE	EMAIL
PROGRAM MANAGER	Various	Various	Various	Vario
CONTRACT ADMINISTRATOR	DTMB	Yvon Dufour	(517) 284-6996	dufoury@mic

CONTRACT SUMMARY			
DESCRIPTION:			
Generator Maintenance Services - OPTIONAL - MRO - Statewide			
INITIAL TERM	EFFECTIVE DATE	INITIAL EXPIRATION DATE	AVAILABLE OP
3 Years	May 1, 2015	April 30, 2018	2, 1 year opt
PAYMENT TERMS	F.O.B.	SHIPPED TO	
45 days	N/A	N/A	
ALTERNATE PAYMENT OPTIONS			EXTENDED PURCHAS
<input type="checkbox"/> P-card <input type="checkbox"/> Direct Voucher (DV) <input type="checkbox"/> Other			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
MINIMUM DELIVERY REQUIREMENTS:			
N/A			
MISCELLANEOUS INFORMATION:			
ESTIMATED CONTRACT VALUE AT TIME OF EXECUTION:			\$450,000.00

For the Contractor:

Brian Schiellerd,
Contract Administrator
Michigan CAT

Date

For the State:

Rebecca Cook,
Division Director - Procurement
State of Michigan

Date



STATE OF MICHIGAN

STANDARD CONTRACT TERMS

This STANDARD CONTRACT (“**Contract**”) is agreed to between the State of Michigan (the “**State**”) and Michigan CAT (“**Contractor**”), a Michigan corporation. This Contract is effective on May 1, 2015 (“**Effective Date**”), and unless terminated, expires on April 30, 2018.

This Contract may be renewed for up to two additional one year period(s). Renewal must be by written agreement of the parties.

The parties agree as follows:

- 1. Duties of Contractor.** Contractor must perform the services and provide the deliverables described in **Exhibit A – Statement of Work** (the “**Contract Activities**”). An obligation to provide delivery of any commodity is considered a service and is a Contract Activity.

Contractor must furnish all labor, equipment, materials, and supplies necessary for the performance of the Contract Activities, and meet operational standards, unless otherwise specified in Exhibit A.

Contractor must: (a) perform the Contract Activities in a timely, professional, safe, and workmanlike manner consistent with standards in the trade, profession, or industry; (b) meet or exceed the performance and operational standards, and specifications of the Contract; (c) provide all Contract Activities in good quality, with no material defects; (d) not interfere with the State’s operations; (e) obtain and maintain all necessary licenses, permits or other authorizations necessary for the performance of the Contract; (f) cooperate with the State, including the State’s quality assurance personnel, and any third party to achieve the objectives of the Contract; (g) return to the State any State-furnished equipment or other resources in the same condition as when provided when no longer required for the Contract; (h) not make any media releases without prior written authorization from the State; (i) assign to the State any claims resulting from state or federal antitrust violations to the extent that those violations concern materials or services supplied by third parties toward fulfillment of the Contract; (j) comply with all State physical and IT security policies and standards which will be made available upon request; and (k) provide the State priority in performance of the Contract except as mandated by federal disaster response requirements. Any breach under this paragraph is considered a material breach.

Contractor must also be clearly identifiable while on State property by wearing identification issued by the State, and clearly identify themselves whenever making contact with the State.

- 2. Notices.** All notices and other communications required or permitted under this Contract must be in writing and will be considered given and received: (a) when verified by written receipt if sent by courier; (b) when actually received if sent by mail without verification of receipt; or (c) when verified by automated receipt or electronic logs if sent by facsimile or email.

If to State:	If to Contractor:
Yvon Dufour Constitution Hall 1NE PO Box 30026 Lansing, MI 48909 Email: dufoury@michigan.gov Phone: (517) 284-6996	<i>Brian Schiellerd</i> <i>PSD Bldg. 25000 Novi Road</i> <i>Novi, MI 48375</i> Brian.Schiellerd@Michigancat.com Cell: 517-388-1730

Contract Administrator. The Contract Administrator for each party is the only person authorized to modify any terms and conditions of this Contract (each a “**Contract Administrator**”):

If to State:	If to Contractor:
Yvon Dufour Constitution Hall 1NE PO Box 30026 Lansing, MI 48909 Email: dufoury@michigan.gov Phone: (517) 284-6996	<i>Brian Schiellerd</i> <i>PSD Bldg. 25000 Novi Road</i> <i>Novi, MI 48375</i> Brian.Schiellerd@Michigancat.com Cell: 517-388-1730

3. **Program Manager.** The Program Manager for each party will monitor and coordinate the day-to-day activities of the Contract (each a “Program Manager”):

If to State: <i>Varies by State Agency. Please refer to Exhibit C - Locations</i>	If to Contractor: <i>Brian Schiellerd PSD Bldg. 25000 Novi Road Novi, MI 48375 Brian.Schiellerd@Michigancat.com Cell: 517-388-1730</i>
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4. **Performance Guarantee.** Contractor must at all times have financial resources sufficient, in the opinion of the State, to ensure performance of the Contract and must provide proof upon request. The State may require a performance bond (as specified in Exhibit A) if, in the opinion of the State, it will ensure performance of the Contract.
5. **Insurance Requirements.** Contractor must maintain the insurances identified below and is responsible for all deductibles. All required insurance must: (a) protect the State from claims that may arise out of, are alleged to arise out of, or result from Contractor's or a subcontractor's performance; (b) be primary and non-contributing to any comparable liability insurance (including self-insurance) carried by the State; and (c) be provided by an company with an A.M. Best rating of "A" or better and a financial size of VII or better.

Insurance Type	Additional Requirements
Commercial General Liability Insurance	
<u>Minimal Limits:</u> \$1,000,000 Each Occurrence Limit \$1,000,000 Personal & Advertising Injury Limit \$2,000,000 General Aggregate Limit \$2,000,000 Products/Completed Operations <u>Deductible Maximum:</u> \$50,000 Each Occurrence	Contractor must have their policy: (1) endorsed to add “the State of Michigan, its departments, divisions, agencies, offices, commissions, officers, employees, and agents” as additional insureds using endorsement CG 20 10 11 85, or both CG 2010 07 04 and CG 2037 07 04; (2) include a waiver of subrogation; and (3) for a claims-made policy, provide 3 years of tail coverage.
Umbrella or Excess Liability Insurance	
<u>Minimal Limits:</u> \$5,000,000 General Aggregate	Contractor must have their policy: (1) endorsed to add “the State of Michigan, its departments, divisions, agencies, offices, commissions, officers, employees, and agents” as additional insureds, and (2) include a waiver of subrogation.
Motor Vehicle Insurance	
<u>Minimal Limits:</u> \$1,000,000 Per Occurrence	

Workers' Compensation Insurance	
<u>Minimal Limits:</u> Coverage according to applicable laws governing work activities.	Waiver of subrogation, except where waiver is prohibited by law.
Employers Liability Insurance	
<u>Minimal Limits:</u> \$100,000 Each Accident \$100,000 Each Employee by Disease \$500,000 Aggregate Disease.	
Hired and Non-Owned Motor Vehicle Insurance	
<u>Minimal Limits:</u> \$1,000,000 Per Accident	Contractor must have their policy: (1) endorsed to add “the State of Michigan, its departments, divisions, agencies, offices, commissions, officers, employees, and agents” as additional insureds, and (2) include a waiver of subrogation.

If Contractor's policy contains limits higher than the minimum limits, the State is entitled to coverage to the extent of the higher limits. The minimum limits are not intended, and may not be construed to limit any liability or indemnity of Contractor to any indemnified party or other persons.

Contractor must: (a) provide insurance certificates to the Contract Administrator, containing the agreement or purchase order number, at Contract formation and within 20 calendar days of the expiration date of the applicable policies; (b) require that subcontractors maintain the required insurances contained in this Section; (c) notify the Contract Administrator within 5 business days if any insurance is cancelled; and (d) waive all rights against the State for damages covered by insurance. Failure to maintain the required insurance does not limit this waiver.

6. **RESERVED**

8. **RESERVED**

9. **Independent Contractor.** Contractor is an independent contractor and assumes all rights, obligations and liabilities set forth in this Contract. Contractor, its employees, and agents will not be considered employees of the State. No partnership or joint venture relationship is created by virtue of this Contract. Contractor, and not the State, is responsible for the payment of wages, benefits and taxes of Contractor's employees and any subcontractors. Prior performance does not modify Contractor's status as an independent contractor.

10. **Subcontracting.** Contractor may not delegate any of its obligations under the Contract without the prior written approval of the State. Contractor must notify the State at least 90 calendar days before the proposed delegation, and provide the State any information it requests to determine whether the delegation is in its best interest. If approved, Contractor must: (a) be the sole point of contact regarding all contractual matters, including payment and charges for all Contract Activities; (b) make all payments to the subcontractor; and (c) incorporate the terms and conditions contained in this Contract in any subcontract with a subcontractor. Contractor remains responsible for the completion of the Contract Activities, compliance with the terms of this Contract, and the acts and omissions of the subcontractor. The State, in its sole discretion, may require the replacement of any subcontractor.

11. **Staffing.** The State's Contract Administrator may require Contractor to remove or reassign personnel by providing a notice to Contractor.

12. **Background Checks.** Upon request, Contractor must perform background checks on all employees and subcontractors and its employees prior to their assignment. The scope is at the discretion of the State and documentation must be provided as requested. Contractor is responsible for all costs associated with the requested background checks. The State, in its sole discretion, may also perform background checks.

13. **Assignment.** Contractor may not assign this Contract to any other party without the prior approval of the State. Upon notice to Contractor, the State, in its sole discretion, may assign in whole or in part, its rights or responsibilities under this Contract to any other party. If the State determines that a novation of the Contract to a third party is necessary, Contractor will agree to the novation, provide all necessary documentation and signatures, and continue to perform, with the third party, its obligations under the Contract.

14. **Change of Control.** Contractor will notify, at least 90 calendar days before the effective date, the State of a change in Contractor's organizational structure or ownership. For purposes of this Contract, a change in control means any of the following: (a) a sale of more than 50% of Contractor's stock; (b) a sale of substantially all of Contractor's assets; (c) a change in a majority of Contractor's board members; (d) consummation of a merger or consolidation of Contractor with any other entity; (e) a change in ownership through a transaction or series of transactions; (f) or the board (or the stockholders) approves a plan of complete liquidation. A change of control does not include any consolidation or merger effected exclusively to change the domicile of Contractor, or any transaction or series of transactions principally for bona fide equity financing purposes.

In the event of a change of control, Contractor must require the successor to assume this Contract and all of its obligations under this Contract.

15. **Ordering.** Contractor is not authorized to begin performance until receipt of authorization as identified in Exhibit A.

16. **Acceptance.** Contract Activities are subject to inspection and testing by the State within 30 calendar days of the State's receipt of them ("**State Review Period**"), unless otherwise provided in Exhibit A. If the Contract Activities are not fully accepted by the State, the State will notify Contractor by the end of the State Review Period that either: (a) the Contract Activities are accepted, but noted deficiencies must be corrected; or (b) the Contract Activities are rejected. If the State finds material deficiencies, it may: (i) reject the Contract Activities without performing any further inspections; (ii) demand performance at no additional cost; or (iii) terminate this Contract in accordance with Section 23, Termination for Cause.

Within 10 business days from the date of Contractor's receipt of notification of acceptance with deficiencies or rejection of any Contract Activities, Contractor must cure, at no additional cost, the deficiency and deliver unequivocally acceptable Contract Activities to the State. If acceptance with deficiencies or rejection of the Contract Activities impacts the content or delivery of other

non-completed Contract Activities, the parties' respective Program Managers must determine an agreed to number of days for re-submission that minimizes the overall impact to the Contract. However, nothing herein affects, alters, or relieves Contractor of its obligations to correct deficiencies in accordance with the time response standards set forth in this Contract.

If Contractor is unable or refuses to correct the deficiency within the time response standards set forth in this Contract, the State may cancel the order in whole or in part. The State, or a third party identified by the State, may perform the Contract Activities and recover the difference between the cost to cure and the Contract price plus an additional 10% administrative fee.

17. **Delivery.** Before commencement of its review or testing of a Deliverable/Service, the State may inspect the Deliverable/Service to confirm that all components of the Deliverable/Service have been delivered without material deficiencies. If the State determines that the Deliverable/Service has material deficiencies, the State may refuse delivery of the Deliverable/Service without performing any further inspection or testing of the Deliverable/Service. Otherwise, the review period will be deemed to have started on the day the State receives the Deliverable or the Service begins, and the State and Contractor agree that the Deliverable/Service is ready for use

18. **RESERVED**

19. **Warranty Period.**

The Contractor represents and warrants it is capable in all respects of fulfilling and must fulfill all of its obligations under the Contract. The performance of all obligations under the Contract must be provided in a timely, professional, and workman-like manner and must meet the performance and operational standards required under the Contract.

The Contractor represents and warrants that all scheduled maintenance work including replacement parts and labor, for a period of one year commencing upon the first day following the completion of maintenance and/or repairs according to the contract as identified in Exhibit A.

Within one (1) business day of notification from the State, the Contractor must adjust, repair or replace all equipment that is defective or not performing in compliance with the Contract. The Contractor must assume all costs for replacing parts or units and their installation including transportation and delivery fees, if any.

The Contractor must provide a toll-free telephone number to allow the State to report equipment failures and problems to be remedied by the Contractor.

20. **Terms of Payment.** Invoices must conform to the requirements communicated from time-to-time by the State. All undisputed amounts are payable within 45 days of the State's receipt. Contractor may only charge for Contract Activities performed as specified in Exhibit A. Invoices must include an itemized statement of all charges. The State is exempt from State sales tax for direct purchases and may be exempt from federal excise tax, if Contract Activities purchased under the Contract are for the State's exclusive use. Prices are exclusive of all taxes, and Contractor is solely responsible for payment of any applicable taxes.

The State has the right to withhold payment of any disputed amounts until the parties agree as to the validity of the disputed amount. The State will notify Contractor of any dispute within a reasonable time. Payment by the State will not constitute a waiver of any rights as to Contractor's continuing obligations, including claims for deficiencies or substandard Contract Activities. Contractor's acceptance of final payment by the State constitutes a waiver of all claims by Contractor against the State for payment under this Contract, other than those claims previously filed in writing on a timely basis and still disputed.

The State will only disburse payments under this Contract through Electronic Funds Transfer (EFT). Contractor must register with the State at <http://www.michigan.gov/cpexpress> to receive electronic fund transfer payments. If Contractor does not register, the State is not liable for failure to provide payment.

Without prejudice to any other right or remedy it may have, the State reserves the right to set off at any time any amount then due and owing to it by Contractor against any amount payable by the State to Contractor under this Contract.

21. **RESERVED**

22. **Stop Work Order.** The State may suspend any or all activities under the Contract at any time. The State will provide Contractor a written stop work order detailing the suspension. Contractor must comply with the stop work order upon receipt. Within 90 calendar days, or any longer period agreed to by Contractor, the State will either: (a) issue a notice authorizing Contractor to resume work, or (b) terminate the Contract or purchase order. The State will not pay for Contract Activities, Contractor's lost profits, or any additional compensation during a stop work period.

23. **Termination for Cause.** The State may terminate this Contract for cause, in whole or in part, if Contractor, as determined by the State: (a) endangers the value, integrity, or security of any location, data, or personnel; (b) becomes insolvent, petitions for bankruptcy court proceedings, or has an involuntary bankruptcy proceeding filed against it by any creditor; (c) engages in any conduct that may expose the State to liability; (d) breaches any of its material duties or obligations; or (e) fails to cure a breach within the time stated in a notice of breach. Any reference to specific breaches being material breaches within this Contract will not be construed to mean that other breaches are not material.

If the State terminates this Contract under this Section, the State will issue a termination notice specifying whether Contractor must: (a) cease performance immediately, or (b) continue to perform for a specified period. If it is later determined that Contractor was not in breach of the Contract, the termination will be deemed to have been a Termination for Convenience, effective as of the same date, and the rights and obligations of the parties will be limited to those provided in Section 24, Termination for Convenience.

The State will only pay for amounts due to Contractor for Contract Activities accepted by the State on or before the date of termination, subject to the State's right to set off any amounts owed by the Contractor for the State's reasonable costs in terminating this Contract. The Contractor must pay all reasonable costs incurred by the State in terminating this Contract for cause, including administrative costs, attorneys' fees, court costs, transition costs, and any costs the State incurs to procure the Contract Activities from other sources.

- 24. Termination for Convenience.** The State may immediately terminate this Contract in whole or in part without penalty and for any reason, including but not limited to, appropriation or budget shortfalls. The termination notice will specify whether Contractor must: (a) cease performance of the Contract Activities immediately, or (b) continue to perform the Contract Activities in accordance with Section 25, Transition Responsibilities. If the State terminates this Contract for convenience, the State will pay all reasonable costs, as determined by the State, for State approved Transition Responsibilities.
- 25. Transition Responsibilities.** Upon termination or expiration of this Contract for any reason, Contractor must, for a period of time specified by the State (not to exceed 180 calendar days), provide all reasonable transition assistance requested by the State, to allow for the expired or terminated portion of the Contract Activities to continue without interruption or adverse effect, and to facilitate the orderly transfer of such Contract Activities to the State or its designees. Such transition assistance may include, but is not limited to: (a) continuing to perform the Contract Activities at the established Contract rates; (b) taking all reasonable and necessary measures to transition performance of the work, including all applicable Contract Activities, training, equipment, software, leases, reports and other documentation, to the State or the State's designee; (c) taking all necessary and appropriate steps, or such other action as the State may direct, to preserve, maintain, protect, or return to the State all materials, data, property, and confidential information provided directly or indirectly to Contractor by any entity, agent, vendor, or employee of the State; (d) transferring title in and delivering to the State, at the State's discretion, all completed or partially completed deliverables prepared under this Contract as of the Contract termination date; and (e) preparing an accurate accounting from which the State and Contractor may reconcile all outstanding accounts (collectively, "**Transition Responsibilities**"). This Contract will automatically be extended through the end of the transition period.
- 26. General Indemnification.** Contractor must defend, indemnify and hold the State, its departments, divisions, agencies, offices, commissions, officers, and employees harmless, without limitation, from and against any and all actions, claims, losses, liabilities, damages, costs, attorney fees, and expenses (including those required to establish the right to indemnification), arising out of or relating to: (a) any breach by Contractor (or any of Contractor's employees, agents, subcontractors, or by anyone else for whose acts any of them may be liable) of any of the promises, agreements, representations, warranties, or insurance requirements contained in this Contract; (b) any infringement, misappropriation, or other violation of any intellectual property right or other right of any third party; (c) any bodily injury, death, or damage to real or tangible personal property occurring wholly or in part due to action or inaction by Contractor (or any of Contractor's employees, agents, subcontractors, or by anyone else for whose acts any of them may be liable); and (d) any acts or omissions of Contractor (or any of Contractor's employees, agents, subcontractors, or by anyone else for whose acts any of them may be liable).

The State will notify Contractor in writing if indemnification is sought; however, failure to do so will not relieve Contractor, except to the extent that Contractor is materially prejudiced. Contractor must, to the satisfaction of the State, demonstrate its financial ability to carry out these obligations.

The State is entitled to: (i) regular updates on proceeding status; (ii) participate in the defense of the proceeding; (iii) employ its own counsel; and to (iv) retain control of the defense if the State deems necessary. Contractor will not, without the State's written consent (not to be unreasonably withheld), settle, compromise, or consent to the entry of any judgment in or otherwise seek to terminate any claim, action, or proceeding. To the extent that any State employee, official, or law may be involved or challenged, the State may, at its own expense, control the defense of that portion of the claim.

Any litigation activity on behalf of the State, or any of its subdivisions under this Section, must be coordinated with the Department of Attorney General. An attorney designated to represent the State may not do so until approved by the Michigan Attorney General and appointed as a Special Assistant Attorney General.

- 27. Infringement Remedies.** If, in either party's opinion, any piece of equipment, software, commodity, or service supplied by Contractor or its subcontractors, or its operation, use or reproduction, is likely to become the subject of a copyright, patent, trademark, or trade secret infringement claim, Contractor must, at its expense: (a) procure for the State the right to continue using the equipment, software, commodity, or service, or if this option is not reasonably available to Contractor, (b) replace or modify the same so that it becomes non-infringing; or (c) accept its return by the State with appropriate credits to the State against Contractor's charges and reimburse the State for any losses or costs incurred as a consequence of the State ceasing its use and returning it.
- 28. Limitation of Liability.** The State is not liable for consequential, incidental, indirect, or special damages, regardless of the nature of the action.

29. **Disclosure of Litigation, or Other Proceeding.** Contractor must notify the State within 14 calendar days of receiving notice of any litigation, investigation, arbitration, or other proceeding (collectively, "**Proceeding**") involving Contractor, a subcontractor, or an officer or director of Contractor or subcontractor, that arises during the term of the Contract, including: (a) a criminal Proceeding; (b) a parole or probation Proceeding; (c) a Proceeding under the Sarbanes-Oxley Act; (d) a civil Proceeding involving: (1) a claim that might reasonably be expected to adversely affect Contractor's viability or financial stability; or (2) a governmental or public entity's claim or written allegation of fraud; or (e) a Proceeding involving any license that Contractor is required to possess in order to perform under this Contract.
30. **State Data.** All data and information provided to Contractor by or on behalf of the State, and all data and information derived therefrom, is the exclusive property of the State ("**State Data**"); this definition is to be construed as broadly as possible. Upon request, Contractor must provide to the State, or a third party designated by the State, all State Data within 10 calendar days of the request and in the format requested by the State. Contractor will assume all costs incurred in compiling and supplying State Data. No State Data may be used for any marketing purposes.
31. **RESERVED**
32. **Non-Disclosure of Confidential Information.** The parties acknowledge that each party may be exposed to or acquire communication or data of the other party that is confidential, privileged communication not intended to be disclosed to third parties. The provisions of this Section survive the termination of this Contract.
- a. **Meaning of Confidential Information.** For the purposes of this Contract, the term "**Confidential Information**" means all information and documentation of a party that: (a) has been marked "confidential" or with words of similar meaning, at the time of disclosure by such party; (b) if disclosed orally or not marked "confidential" or with words of similar meaning, was subsequently summarized in writing by the disclosing party and marked "confidential" or with words of similar meaning; and, (c) should reasonably be recognized as confidential information of the disclosing party. The term "Confidential Information" does not include any information or documentation that was: (a) subject to disclosure under the Michigan Freedom of Information Act (FOIA); (b) already in the possession of the receiving party without an obligation of confidentiality; (c) developed independently by the receiving party, as demonstrated by the receiving party, without violating the disclosing party's proprietary rights; (d) obtained from a source other than the disclosing party without an obligation of confidentiality; or, (e) publicly available when received, or thereafter became publicly available (other than through any unauthorized disclosure by, through, or on behalf of, the receiving party). For purposes of this Contract, in all cases and for all matters, State Data is deemed to be Confidential Information.
 - b. **Obligation of Confidentiality.** The parties agree to hold all Confidential Information in strict confidence and not to copy, reproduce, sell, transfer, or otherwise dispose of, give or disclose such Confidential Information to third parties other than employees, agents, or subcontractors of a party who have a need to know in connection with this Contract or to use such Confidential Information for any purposes whatsoever other than the performance of this Contract. The parties agree to advise and require their respective employees, agents, and subcontractors of their obligations to keep all Confidential Information confidential. Disclosure to a subcontractor is permissible where: (a) use of a subcontractor is authorized under this Contract; (b) the disclosure is necessary or otherwise naturally occurs in connection with work that is within the subcontractor's responsibilities; and (c) Contractor obligates the subcontractor in a written contract to maintain the State's Confidential Information in confidence. At the State's request, any employee of Contractor or any subcontractor may be required to execute a separate agreement to be bound by the provisions of this Section.
 - c. **Cooperation to Prevent Disclosure of Confidential Information.** Each party must use its best efforts to assist the other party in identifying and preventing any unauthorized use or disclosure of any Confidential Information. Without limiting the foregoing, each party must advise the other party immediately in the event either party learns or has reason to believe that any person who has had access to Confidential Information has violated or intends to violate the terms of this Contract and each party will cooperate with the other party in seeking injunctive or other equitable relief against any such person.
 - d. **Remedies for Breach of Obligation of Confidentiality.** Each party acknowledges that breach of its obligation of confidentiality may give rise to irreparable injury to the other party, which damage may be inadequately compensable in the form of monetary damages. Accordingly, a party may seek and obtain injunctive relief against the breach or threatened breach of the foregoing undertakings, in addition to any other legal remedies which may be available, to include, in the case of the State, at the sole election of the State, the immediate termination, without liability to the State, of this Contract or any Statement of Work corresponding to the breach or threatened breach.
 - e. **Surrender of Confidential Information upon Termination.** Upon termination of this Contract or a Statement of Work, in whole or in part, each party must, within 5 calendar days from the date of termination, return to the other party any and all Confidential Information received from the other party, or created or received by a party on behalf of the other party, which are in such party's possession, custody, or control; provided, however, that Contractor must return State Data to the State following the timeframe and procedure described further in this Contract. Should Contractor or the State determine that the return of any non-State Data Confidential Information is not feasible, such party must destroy the non-State Data Confidential Information and must certify the same in writing within 5 calendar days from the date of termination to the other party.

33. RESERVED

34. RESERVED

35. RESERVED

36. **Records Maintenance, Inspection, Examination, and Audit.** The State or its designee may audit Contractor to verify compliance with this Contract. Contractor must retain, and provide to the State or its designee and the auditor general upon request, all financial and accounting records related to the Contract through the term of the Contract and for 7 years after the latter of termination, expiration, or final payment under this Contract or any extension ("**Audit Period**"). If an audit, litigation, or other action involving the records is initiated before the end of the Audit Period, Contractor must retain the records until all issues are resolved.

Within 10 calendar days of providing notice, the State and its authorized representatives or designees have the right to enter and inspect Contractor's premises or any other places where Contract Activities are being performed, and examine, copy, and audit all records related to this Contract. Contractor must cooperate and provide reasonable assistance. If any financial errors are revealed, the amount in error must be reflected as a credit or debit on subsequent invoices until the amount is paid or refunded. Any remaining balance at the end of the Contract must be paid or refunded within 45 calendar days.

This Section applies to Contractor, any parent, affiliate, or subsidiary organization of Contractor, and any subcontractor that performs Contract Activities in connection with this Contract.

37. **Warranties and Representations.** Contractor represents and warrants: (a) Contractor is the owner or licensee of any Contract Activities that it licenses, sells, or develops and Contractor has the rights necessary to convey title, ownership rights, or licensed use; (b) all Contract Activities are delivered free from any security interest, lien, or encumbrance and will continue in that respect; (c) the Contract Activities will not infringe the patent, trademark, copyright, trade secret, or other proprietary rights of any third party; (d) Contractor must assign or otherwise transfer to the State or its designee any manufacturer's warranty for the Contract Activities; (e) the Contract Activities are merchantable and fit for the specific purposes identified in the Contract; (f) the Contract signatory has the authority to enter into this Contract; (g) all information furnished by Contractor in connection with the Contract fairly and accurately represents Contractor's business, properties, finances, and operations as of the dates covered by the information, and Contractor will inform the State of any material adverse changes; and (h) all information furnished and representations made in connection with the award of this Contract is true, accurate, and complete, and contains no false statements or omits any fact that would make the information misleading. A breach of this Section is considered a material breach of this Contract, which entitles the State to terminate this Contract under Section 23, Termination for Cause.

38. **Conflicts and Ethics.** Contractor will uphold high ethical standards and is prohibited from: (a) holding or acquiring an interest that would conflict with this Contract; (b) doing anything that creates an appearance of impropriety with respect to the award or performance of the Contract; (c) attempting to influence or appearing to influence any State employee by the direct or indirect offer of anything of value; or (d) paying or agreeing to pay any person, other than employees and consultants working for Contractor, any consideration contingent upon the award of the Contract. Contractor must immediately notify the State of any violation or potential violation of these standards. This Section applies to Contractor, any parent, affiliate, or subsidiary organization of Contractor, and any subcontractor that performs Contract Activities in connection with this Contract.

39. **Compliance with Laws.** Contractor must comply with all federal, state and local laws, rules and regulations.

40. RESERVED

41. **Nondiscrimination.** Under the Elliott-Larsen Civil Rights Act, 1976 PA 453, MCL 37.2101, *et seq.*, and the Persons with Disabilities Civil Rights Act, 1976 PA 220, MCL 37.1101, *et seq.*, Contractor and its subcontractors agree not to discriminate against an employee or applicant for employment with respect to hire, tenure, terms, conditions, or privileges of employment, or a matter directly or indirectly related to employment, because of race, color, religion, national origin, age, sex, height, weight, marital status, or mental or physical disability. Breach of this covenant is a material breach of this Contract.

42. **Unfair Labor Practice.** Under MCL 423.324, the State may void any Contract with a Contractor or subcontractor who appears on the Unfair Labor Practice register compiled under MCL 423.322.

43. **Governing Law.** This Contract is governed, construed, and enforced in accordance with Michigan law, excluding choice-of-law principles, and all claims relating to or arising out of this Contract are governed by Michigan law, excluding choice-of-law principles. Any dispute arising from this Contract must be resolved in Michigan Court of Claims. Contractor consents to venue in Ingham County, and waives any objections, such as lack of personal jurisdiction or *forum non conveniens*. Contractor must appoint agents in Michigan to receive service of process.

44. **Non-Exclusivity.** Nothing contained in this Contract is intended nor will be construed as creating any requirements contract with Contractor. This Contract does not restrict the State or its agencies from acquiring similar, equal, or like Contract Activities from other sources.

45. Force Majeure. Neither party will be in breach of this Contract because of any failure arising from any disaster or acts of god that are beyond their control and without their fault or negligence. Each party will use commercially reasonable efforts to resume performance. Contractor will not be relieved of a breach or delay caused by its subcontractors. If immediate performance is necessary to ensure public health and safety, the State may immediately contract with a third party.

46. Dispute Resolution. The parties will endeavor to resolve any Contract dispute in accordance with this provision. The dispute will be referred to the parties' respective Contract Administrators or Program Managers. Such referral must include a description of the issues and all supporting documentation. The parties must submit the dispute to a senior executive if unable to resolve the dispute within 15 business days. The parties will continue performing while a dispute is being resolved, unless the dispute precludes performance. A dispute involving payment does not preclude performance.

Litigation to resolve the dispute will not be instituted until after the dispute has been elevated to the parties' senior executive and either concludes that resolution is unlikely, or fails to respond within 15 business days. The parties are not prohibited from instituting formal proceedings: (a) to avoid the expiration of statute of limitations period; (b) to preserve a superior position with respect to creditors; or (c) where a party makes a determination that a temporary restraining order or other injunctive relief is the only adequate remedy. This Section does not limit the State's right to terminate the Contract.

47. Media Releases. News releases (including promotional literature and commercial advertisements) pertaining to the Contract or project to which it relates must not be made without prior written State approval, and then only in accordance with the explicit written instructions of the State.

48. Website Incorporation. The State is not bound by any content on Contractor's website unless expressly incorporated directly into this Contract.

49. Order of Precedence. In the event of a conflict between the terms and conditions of the Contract, the exhibits, a purchase order, or an amendment, the order of precedence is: (a) the purchase order; (b) the amendment; (c) Exhibit A; (d) any other exhibits; and (e) the Contract.

50. Severability. If any part of this Contract is held invalid or unenforceable, by any court of competent jurisdiction, that part will be deemed deleted from this Contract and the severed part will be replaced by agreed upon language that achieves the same or similar objectives. The remaining Contract will continue in full force and effect.

51. Waiver. Failure to enforce any provision of this Contract will not constitute a waiver.

52. Survival. The provisions of this Contract that impose continuing obligations, including warranties and representations, termination, transition, insurance coverage, indemnification, and confidentiality, will survive the expiration or termination of this Contract.

53. Entire Contract and Modification. This Contract is the entire agreement and replaces all previous agreements between the parties for the Contract Activities. This Contract may not be amended except by signed agreement between the parties (a "**Contract Change Notice**").

STATE OF MICHIGAN

Contract No. 071B5500092
Generator Maintenance Service

EXHIBIT A STATEMENT OF WORK CONTRACT ACTIVITIES

This is a Contract agreement for the **OPTIONAL** use of generator maintenance and repair services at various locations throughout the State of Michigan as detailed on the **Exhibit C, Location** sheets.

1. Scope of Work and Deliverables

1. 1 The Contractor must provide the following:

The Contractor is obligated to provide generator maintenance and repair services at various locations per **Exhibit C, Locations**.

1. 2 Work and Deliverable

I. SCHEDULED CONTRACT MAINTENANCE

The Contractor shall provide all necessary labor to perform repairs, supervise work, perform examinations, adjust equipment, and maintain records, conduct tests, answer trouble call backs and any other work required by the Contractor.

The Contractor's staff shall wear uniforms that are neat and clean. Identification on the uniform shall state the company and employees name. The State reserves the right to require all Contractors' staff to wear State provided identification at all times when in a State facility. Such identification will be provided by and returned to the State IT Data Centers and/or the property facility manager.

Contractor must provide Deliverables/Services and staff, and otherwise do all things necessary for or incidental to the performance of work, as set forth below:

A. The following services are to be provided one (1) time annually:

- i. Change lube oil, primary and bypass lube filters, fuel filters and water filters.
- ii. Draw oil and coolant sample for analysis. Provide a lab report per Exhibit E, Oil and Coolant Analysis.
- iii. Replace all air filters.
- iv. Perform a four hour load bank test.
- v. Perform resistive load bank test at 80% of generator nameplate capacity.
 - a. Record all performance data in fifteen-minute intervals, including oil pressure, water temperature, voltage and frequency.
 - b. Identify proper operation of fuel system, cooling system and overall condition of engine/generator set.
 - c. Load bank testing performed with no interruption to the normal power supply.

Annual preventive service may be performed in conjunction with a semi-annual service. Annual service will be priced as a separate item and charged as an addition to the semi-annual service. Completed annual and semi-annual service reports must be submitted to the Contract Compliance Inspector or their designee prior to invoicing and payment. Annual and semi-annual service must be clearly identified on the invoice.

B. The following services are to be provided every two years

- i. Replace all batteries every two (2) years as scheduled.
- ii. Replace all belts every two (2) years as scheduled.

C. The following services are to be provided every six months

i. Battery & Battery charging system:

- a. Clean all battery terminals and verify integrity of cables and connectors.
- b. Load test battery.
- c. Measure specific gravity of each battery cell.
- d. Inspect electrolyte level and add fluid if necessary.

- e. Verify proper operation and float voltage of external battery charger.
- f. Verify and record output of engine alternator.
- g. If battery replacement is necessary, Contractor shall be responsible for disposal of old battery

ii. Engine Preventive Maintenance:

- a. Verify and record oil pressure and water temperature.
- b. Test all safety shutdown circuits and alarms including over speed over crank, low oil pressure, high water temperature and low coolant level.
- c. Inspect air intake system; including air filter condition, crankcase breather, and turbocharger.
- d. Inspect muffler system and drain condensation trap (if applicable) and verify rain cap operation.
- e. Inspect engine-starting system; verify cable integrity and connections.
- f. Inspect exhaust flex coupling and piping for leaks and proper connection.
- g. Check for abnormal vibration or noise.
- h. Inspect spark plugs, plug wires and distributor (gaseous fueled only).

iii. Fuel System Preventive Maintenance:

- a. Inspect all fuel lines and hoses for visual leaks and general condition.
- b. Inspect day tank and float assembly for proper operation and leaks.
- c. Inspect fuel pump for leaks.
- d. Verify proper operation of governor, governor and governor linkage (where applicable).
- e. Check level of fuel in primary supply tank (when practical).
- f. Drain water and sediment from fuel filter and fuel supply tanks (when practical).

iv. Coolant system Preventive Maintenance:

- a. Inspect all clamps, verify condition of all hoses and identify any visual leaks.
- b. Verify proper operation of engine jacket water heater.
- c. Test coolants freeze point and verify coolant level.
- d. Test coolant additive package (DCA for proper corrosion inhibitors).
- e. Inspect belt condition and tension, correct as required.
- f. Inspect radiator core for visual blockage, leaks or obstructions.
- g. Inspect for proper operation of intake louvers, motorized or gravity (if applicable).

v. Controls Preventive Maintenance:

- a. Verify and record output voltage and adjust voltage regulator, if necessary.
- b. Calibrate control meters.
- c. Verify and record output frequency and adjust governor, if necessary.
- d. Verify operation of all lamps on control panel.
- e. Inspect for any loose connections, terminals or discoloration.

vi. Generator Preventive Maintenance:

- a. Inspect and lubricate generator end bell bearing.
- b. Inspect brushes, brush holders and commutator.
- c. Inspect cooling screen and general condition of alternator.
- d. Inspect for abnormal vibration.
- e. Verify connections and insulation condition.
- f. Verify proper operation of shunt trip on main circuit breaker (if applicable).

vii. Automatic Transfer switch (paralleling switchgear, bypass switchgear, manual transfer switches) Preventive Maintenance:

- a. Verify proper operation of exerciser clock, adjust if necessary.
- b. Provide visual inspection of exerciser clock, adjust if necessary.
- c. Perform building load test in coordination with the Contract Compliance Inspectors or designees as scheduled and inspect for proper transfer and retransfer.
- d. Verify operation of all lamps on control.

II. STATE ORDERED REPAIRS

A. Repairs or any additional work except as may be otherwise provided for herein shall be conducted as follows:

- i. Contractor is to provide an estimate for parts and labor.
- ii. Once approved, work shall proceed on a time and material basis for actual work performed.
- iii. Time shall be paid based on the Contractor's quoted fixed hourly rates.
- iv. Parts shall be paid based on actual costs plus the Contractor's quoted % markup per **Exhibit B, Pricing**. Backup documentation (actual invoices or receipts) for pricing must be provided when invoicing for repairs.
- v. No other charges or fees shall be accepted including but not limited to travel time, truck and/or trip charges, mileage charges, parts acquisition, etc...

ALL extra services must be pre-authorized by the Program Manager/Contract Compliance Inspector.

B. Parts:

Parts are defined as all parts, components, and devices which wear, fatigue, or otherwise fail as a result of normal usage or application of power and which must be adjusted, repaired, renewed or replaced for safe and efficient operation.

The Contractor must provide expedited parts acquisition for any part. Any part not in the Contractor's inventory shall be acquired by the most expedient means available. The State will not be subjected to any additional costs for reasons of acquisition of any part necessary to restore service in the minimum achievable time.

The State is not liable or responsible for the cost of, or the security of, any parts stored on State property.

The Contractor shall furnish all necessary parts. Should the parts require replacement, the Contractor shall immediately notify the Program Manager/Contract Compliance Inspector and/or their designee. Contractor shall not proceed with installation of parts until authorized by the State.

1.3 Warranties

The Contractor represents that the work provided under this contract is warranted for a period of **one (1) year** commencing upon the first day following Acceptance.

All parts provided under the Contract by Contractor must be new where Contractor has knowledge regarding whether the equipment is new or assembled from new or serviceable used parts that are like new in performance or has the option of selecting one or the other. Equipment that is assembled from new or serviceable used parts that are like new in performance is acceptable where Contractor does not have knowledge or the ability to select one or other, unless specifically agreed otherwise in writing by the State.

The warranty period for all parts and labor replaced by the Contractor shall be one year due to failure by the said part. The Contractor shall provide and install a replacement part.

The State reserves the right to require additional warranties other than those identified by the Contractor.

2. Service Levels

2.1 Time Frames

- i. Contractor should schedule all visits with the Program Manager or their designee a minimum of fifteen (15) business days in advance.
- ii. The Contractor, prior to performing a preventive maintenance service task, shall check in with the Building and/or Data Center Facility manager's office (these are separate individuals).
- iii. Contractor shall assure that at no time will power be disrupted to a facility, unless it is necessary for performing maintenance required by this contract and in no case without prior notification to and approval from Building and/or Data Center Facility Manager.
- iv. Contractor shall provide technicians who have successfully completed lock out tag out training.
- v. **Contractor shall provide 24 hours a day, seven days a week, 365 days a year emergency repair services with a two hour onsite response time.**
- vi. The Contractor's phone number for emergency repair service is **1-(888)-MICHCAT** or **1-(888) 642-4228**.
- vii. Contractor shall immediately notify the appropriate Program Manager and/or their designee of any issues that must be addressed in order to assure generator and transfer switch will operate when required to do so.

2.2 Emergency Preparedness

In the incident of a local or Statewide emergency, service and/or repairs of State facilities shall take precedence over all other Contractor obligations, excluding hospitals.

2.3 Reporting

Contractor shall provide completed reports per **Exhibit D, Generator Report**, to be received immediately on site after service has been provided.

The Contractor shall provide oil and coolant analysis lab reports per **Exhibit E, Oil and Coolant Analysis**, each time samples are taken. Report shall be provided within 30 calendar days of service rendered via email to the designated Program Manager.

The Contractor shall provide computer generated reports pertaining to generators serviced under this contract. Contractor shall be able to provide various reports when requested by the State.

Examples include itemized report of total items (commodities and services) purchased by all agencies or individual agencies, open invoice reports, delivery compliance reports, quantity reports, service compliance reports, etc.

2.4 Meetings

The Contractor must attend meetings requested by the State

3. Staffing

3.1 Staffing

The Contractor's management/coordination representative assigned to the project should be competent to accomplish the work effectively and efficiently.

The Contractor's field technicians shall be trained and certified to maintain and repair the generator equipment listed in **Exhibit C, Locations**.

3.2 Contractor Representative

The Contractor's Single Point of Contact designated as the "Contractor Representative" to receive and respond to work requests is:

Name: Brian Schiellerd

Title: Product Support Sales Rep

Address: 24800 Novi Rd, Novi, MI

Phone: 248-349-7050 X4337 or Cell 517-388-1730

E-mail address: brian.schiellerd@michigancat.com

All work shall route through this "Contractor Representative" for assignment.

The Contractor must notify the Contract Administrator at least **10** calendar days before removing or assigning a new Contractor Representative.

3.3 Customer Service Toll-Free Number

The Contractor's toll-free number for the State to make contact with the Contractor Representative is **888-642-4228 (888-MICHCAT)**.

The Contractor Representative must be available for calls during the hours of 8 am to 5 pm EST.

3.4 Disclosure of Subcontractors

The Contractor does not plan to use subcontractors. However, if the Contractor proposes to use subcontractors, pre-approval by the Contract Administrator is required.

3.5 Security

The Contractor will be subject the following security procedures:

- a) Contractor employee(s) that service the Lottery Building or the State's Data Center locations must pass a criminal history check and/or refer to **Exhibit C – Locations** (column 3) for requirements associated with each location.

Weapons are **not** allowed on State property.

The Contractor shall conduct a Pre-Employment Background Screening on all employees entering State facilities. Also, drug testing shall be conducted for all new employees as well as ongoing random drug testing.

4. Pricing

4.1 Price Term

Pricing is firm for a 365 day period ("Pricing Period"). The first pricing period begins on the Effective Date. Adjustments may be requested, in writing, by either party and will take effect no earlier than the next Pricing Period.

4.2 Price Changes

Adjustments will be based on changes in actual Contractor costs. Any request must be supported by written evidence documenting the change in costs. The State may consider sources, such as the Consumer Price Index; Producer Price Index; other pricing indices as needed; economic and industry data; manufacturer or supplier letters noting the increase in pricing; and any other data the State deems relevant.

Following the presentation of supporting documentation, both parties will have 30 days to review the information and prepare a written response. If the review reveals no need for modifications, pricing will remain unchanged unless mutually agreed to by the parties. If the review reveals that changes are needed, both parties will negotiate such changes, for no longer than 30 days, unless extended by mutual agreement.

The Contractor remains responsible for Contract Activities at the current price for all orders received before the mutual execution of a Change Notice indicating the start date of the new Pricing Period.
No additional surcharges or fees will be accepted.

5. Ordering

5.1 Authorizing Document

The appropriate authorizing document for the Contract will be a purchase order.

5.2 Order Verification

The Contractor must have internal controls to verify abnormal orders and to ensure that only authorized individuals place orders.

6. Acceptance

6.1 Acceptance, Inspection and Testing

The following criteria will be used by the State to determine Acceptance of the Services or Deliverables provided under this SOW:

- The Program manager will conduct inspections for all specifications identified in the Contract and will provide performance evaluations to the Contractor noting any deficiencies. The Program Manager (or their designee) shall make the final determination as to whether any task has been satisfactorily performed.
- Contractor is responsible to make any necessary changes if the Program manager determines that any task has not been performed adequately or satisfactorily. Contractor must correct the deficiency within 24 hours, or less, from notice of the deficiency unless the parties mutually agree to a different timeframe based on the nature of the deficiency.

Should the Contractor fail to correct specification deficiencies, a Complaint to Vendor (Vendor Performance form) may be filed by the Program Manager. Resolution could be the State's refusal to pay the total amount of the invoice and unilaterally determine the amount to be paid. Repeated failure to correct specification deficiencies resulting in issuance of subsequent Complaint to Vendor (Vendor Performance form) may result in cancellation of the Contract.

7. Invoice and Payment

7.1 Invoice Requirements

All invoices submitted to the State must include: **(a)** date; **(b)** purchase order; **(c)** State Identification Number (State ID#); **(d)** description of service; **(e)** location of service **(f)** date of service **(g)** unit price; **(h)** reports per section 2.2 **(i)** total price.

8.1 Payment Methods

The State will make payment for Contract Activities by EFT.

STATE OF MICHIGAN

Contract No. 071B5500092
Generator Maintenance Service

EXHIBIT B PRICING

1. The Contract Activities pricing schedule is listed below.
2. Prices include all costs, including but not limited to, any one-time or set-up charges, fees, and potential costs that Contractor may charge the State (e.g., shipping and handling, per piece pricing, and palletizing).
3. The Contractor will be required to furnish all Contract Activities that may be ordered during the Contract period.

Rates For ALL Generators and Locations

Standard Hourly Rate	Premium Hourly Rate	Weekend Hourly Rate	Holiday Hourly Rate	% Discount Off List Price For Parts	% Markup On Cost For Parts	Additional charges Or Fees For Repairs	Fuel Gauge Installation (One-time Charge)	Wireless Set Up Fee	Wireless Monthly Fee	Quick Payment terms
\$99.00	\$130.00	\$130.00	\$130.00	0%	25%	\$0.00	\$700.00	\$2,000.00	\$34.00	N/A

ITEM #	Location	Agency Contact	Make/Model	Fuel type/tank capacity - Full load run time with a full tank	State ID/Serial #	Semi-Annual Preventive Service Cost (Each)	Annual Service Cost - includes Load Bank Testing (Each)	Battery Replacement Cost /each	Belt Replacement Cost /each
1	Mason Building 530 W. Allegan, Lansing	DTMB Bob Weldon 517-202-1715 weldonr@michigan.gov	Cummins 350KW Model: 350GFEB	Natural Gas	ID#: Ser#: M14E210392	\$200.00	\$750.00	\$650.00	\$485.00
2	Secondary GOB, 7150	John Kinkema 517-243-8942	Caterpillar #98A01809-5 model: 3208	Diesel	ID#:	\$200.00	\$750.00	\$475.00	\$485.00

	Harris Dr., Dimondale	kinkemaj@michigan.gov	200 KW	300 gallons	Ser#: 5YF03775				
3	Secondary SOS, 7064 Crown Dr., Dimondale (1)		Cummins 500 KW	Diesel 500 gallons	ID#: Ser#: G950582684	\$285.00	\$900.00	\$650.00	\$485.00
4	Secondary SOS, 7064 Crown Dr., Dimondale (2)		Cummins 500 KW	Diesel 500 gallons	ID#: Ser#: E960606160	\$285.00	\$900.00	\$650.00	\$485.00
5	Secondary SOS, 7064 Crown Dr., Dimondale (3)		Cummins 1000 KW	Diesel 2400 gallons	ID#: Ser#: L100174436	\$285.00	\$1,600.00	\$650.00	\$485.00
6	Secondary SOS, 7064 Crown Dr., Dimondale (4)		Cummins 1000 KW	Diesel 2400 gallons	ID#: Ser#: J080218484	\$285.00	\$1,600.00	\$650.00	\$485.00
7	Secondary SOS, 7064 Crown Dr., Dimondale (5)		Cummins 1000 KW	Diesel 2400 gallons	ID#: Ser#: K080219708	\$285.00	\$1,600.00	\$650.00	\$485.00
8	Secondary SOS, 7064 Crown Dr., Dimondale (6)		Cummins 1000 KW	Diesel 2400 gallons	ID#: Ser#: D110206897	\$285.00	\$1,600.00	\$650.00	\$485.00
9	Baker-Olin South, N. MLK Blvd, Lansing		ONAN/Ford Model 100 GGHD 277/480V	natural gas	ID#: Ser#: C980713717	\$200.00	\$625.00	\$250.00	\$300.00
10	Austin Building, 430 W. Allegan, Lansing		Cummins 750 KW	Diesel 1000 gallons with 100 gallon day tank	ID#: Ser#: H050819260	\$285.00	\$900.00	\$650.00	\$485.00
11	Operations Center,		DTMB Larry Kusnier (Facility Electrician) 517-	Cummins 750 KW	Diesel	ID#:	\$285.00	\$900.00	\$650.00

	7285 Parsons Dr., Dimondale	719-5962 Larry Franklin (Facility Liaison) 517-202-6608		750 gallons	Ser#: H050813197				
12	Cadillac Place – 3044 W. Grand Blvd, Detroit	DTMB Bill Bacalis 517- 719-0958	Caterpillar 3512B		ID#: Ser#: 06WN00613	\$285.00	\$2,000.00	\$725.00	\$525.00
13	Cadillac Place – 3044 W. Grand Blvd, Detroit		Caterpillar 3512B		ID#: Ser#: 06WN00614	\$285.00	\$2,000.00	\$725.00	\$525.00
ITEM #	Location	Agency Contact	Make/Model	Fuel type/tank capacity - Full load run time with a full tank	State ID/Serial #	Semi-Annual Preventive Service Cost (Each)	Annual Service Cost - includes Load Bank Testing (Each)	Battery Replacement Cost /each	Belt Replacement Cost /each
14	Energy Center, 7432 Parsons Dr., Dimondale	DTMB Larry Kusnier (Facility Electrician) 517- 719-5962 Larry Franklin (Facility Liaison) 517-202- 6608	Caterpillar #D348, AA28654000, 1500 kW 3512 motor	1500 Gal. Diesel 20 hrs	ID#: 000882 Ser#:25020-01	\$285.00	\$1,850.00 0	\$725.00	\$525.00
15	Energy Center, 7432 Parsons Dr., Dimondale		Cummins/Onan 200 DGFC Gen set 200 kW 480/277/208/120 Trailer mounted	Diesel 8 hrs.	ID#: 006922 Ser#:	\$200.00	\$750.00	\$450.00	\$485.00
16	Energy Center, 7432 Parsons Dr., Dimondale		Cummins/Onan Natural Gas PCC Gen set 200 kW 480/277/208/120 Trailer mounted	Diesel 8 hrs.	ID#: 006923 Ser#:	\$200.00	\$750.00	\$450.00	\$485.00
17	Energy Center, 7432		Cummins/Onan Diesel PCC Gen. set 350 kW	Diesel 200 gallons	ID#: 006921 Ser#:	\$200.00	\$750.00	\$650.00	\$485.00

	Parsons Dr., Dimondale		480/277 Trailer mounted						
18	General Services Bldg., 7461 Crown Dr., Dimondale		Onan 400DFCE Cummins Diesel H.P.: 605 @1800 RPM KVA: 500 Automatic Transfer Switch: Onan	Diesel 600 gallons 24 hours	ID#: 004333 Ser#:	\$285.00	\$750.00	\$650.00	\$485.00
19	General Services Bldg., 7461 Crown Dr., Dimondale		Onan 400DFCE Cummins Diesel H.P.: 605 @1800 RPM KVA: 500 Automatic Transfer Switch: Onan	Diesel 600 gallons 24 hours	ID#: 004334 Ser#:	\$285.00	\$750.00	\$650.00	\$485.00
20	MSP Forensic Lab, 7320 N. Canal Rd., Dimondale		Onan DEFCC- 4046466 KVA: 350 480 volt Transfer Switch: Automatic	Diesel 600 gallons 24 hours	ID#: 005265 Ser#:	\$200.00	\$750.00	\$650.00	\$485.00
21	MSP Training Academy, 7426 N. Canal Rd., Dimondale		Onan 50 DEG- 15R/12745E Motor: Ford Natural Gas KVA: 62.5 Transfer Switch: Automatic	Diesel 1000 gallons 24 hours	ID#: 003944 Ser#:	\$200.00	\$625.00	\$250.00	\$300.00
22	Constitution Hall, 525 Allegan, Lansing		Onan DFGB Motor: K000174169 KVA: 600 Transfer Switch: Automatic	Diesel 24 hours	ID#: 008404 Ser#:	\$285.00	\$790.00	\$650.00	\$485.00
23	Governor's Residence		DTMB Joe Hewitt (Facility Electrician) 517- 749-0523 Bethany Jensen 517-284-7951	Cummins Quietsite GGFE5689885 Motor: Ford KVA: 42 kW Transfer Switch: Automatic	natural gas unlimited ID#: 008470 Ser#:	\$200.00	\$640.00	\$250.00	\$300.00
24	Grand Tower, 235 S. Grand Ave., Lansing		Caterpillar SR4 750 KVA, 600 kW 3 Phase 480 Volt unit	275 gallons 8.5 hours	ID#: 005461 Ser#: 6FA05754	\$285.00	\$975.00	\$6,650.00	\$485.00
25	Joint	Onan DFEG	Diesel	ID#: 008437	\$200.00	\$800.00	\$650.00	\$485.00	

	Operations Center, 615 W. Allegan St., Lansing		KVA: 437, kW: 350 3 Phase 480 Volt unit	578 gallons	Ser#: D060915377				
26	Lottery Building, 101 E. Hillsdale St., Lansing		Caterpillar 3406 Motor: Caterpillar H.P.: 445 @ 1800 rpm KVA: 350 kW Transfer Switch: Automatic	500 gallons 20 hours	ID#: 001174 Ser#:	\$200.00	\$800.00	\$650.00	\$485.00
27	Hall of Justice, 925 W. Ottawa St., Lansing		Caterpillar 34T2 KVA: 750, kW:600 3 Phase 480 Volt unit	4000 gallons 160 hours	ID#: 7553 Ser#: AFH00124,BFZ02251	\$285.00	\$1,125.00	\$650.00	\$485.00
28	Romney Building, 111 S. Capitol Ave., Lansing		Cummins Diesel KTTA-19-G2 H.P.:750 @ 1800 KVA: 500kw Transfer Switch: Automatic	Diesel 500 gallons 20 hours	ID#: 2290	\$285.00	\$1,025.00	\$650.00	\$485.00
29	Roosevelt Parking Ramp		Onan #35GGFD KVA: 44 kW: 35 3 Phase 480 Volt unit	natural gas unlimited	ID#: 7968 Ser#: 007968	\$200.00	\$650.00	\$250.00	\$300.00
30	Records Building, 3400 N. Grand River Ave., Lansing, MI 48906		Onan Genset KVA: 44, 480/277 Transfer Switch: Automatic	natural gas unlimited		\$200.00	\$650.00	\$250.00	\$300.00
31	State Police Headquarters, 333 S. Grand Ave., Lansing, MI 48913		Cummins 500GFGA KVA: 500/480 Transfer Switch: Automatic	natural gas unlimited		\$285.00	\$925.00	\$650.00	\$485.00
ITEM #	Location	Agency Contact	Make/Model	Fuel type/tank capacity - Full load run time	State ID/Serial #	Semi-Annual Preventive Service Cost (Each)	Annual Service Cost - includes Load Bank Testing (Each)	Battery Replacement Cost /each	Belt Replacement Cost /each

				with a full tank					
32	State Combined Lab, 3350 N. MLK Blvd., Lansing	DTMB Joe Hewitt (Facility Electrician) 517-749-0523 Bethany Jensen 517-284-7951	Caterpillar #3512B Motor: 52.8 cu in, KVA: 1500kw at 13,200 volts Transfer Switch: Automatic	Diesel 2,500 gallons 24 hours	ID#: 000604	\$285.00	\$2,600.00	\$725.00	\$525.00
33	Flint State Office Bldg., 125 E. Union St.	DTMB Paul Bates (Facility Electrician) 517-605-0210 Mike Noonan (Facility Liaison) 810-760-2051	Cummins GGLB 5780000 KVA: 150 kW Transfer Switch: Automatic	natural gas unlimited	ID#: 008453 Ser#: K060992342	\$200.00	\$650.00	\$250.00	\$300.00
34	Jerome T. Hart Bldg., 411 E. Genesee Ave., Saginaw		Cummins/Onan #200 DGFC 150 kW 480/277 Transfer Switch: Automatic Onan 225 amp/ 480 volt	natural gas unlimited	ID#: 006369	\$200.00	\$650.00	\$250.00	\$300.00
35	Grand Rapids State Office Bldg., 350 Ottawa Ave., N. W.	DTMB Chet Kendra (Facility Electrician) 616-299-4689 Frank Broderick (Facility Liaison) 616-299-9954	Kohler #20R074/9819A5.6 H.P.: 225 @ 1800 rpm KVA: 175 kW Transfer Switch: Automatic	 20 hours	ID#: 001029	\$200.00	\$650.00	\$250.00	\$300.00
36	Camp Grayling JTMC Building 1	DMVA James Shirkey (989) 344-6184 jim.shirkey.nfg@mail.mil	Generac 0055040 17kw		5072677	\$180.00	\$650.00	\$250.00	\$300.00
37	Camp Grayling JTMC Building 115		Generac 0049920 40kw		3889189	\$180.00	\$650.00	\$250.00	\$300.00
38	Camp Grayling JTMC Building 203		Generac 8951930200 135kw		2095994	\$180.00	\$650.00	\$250.00	\$300.00

39	Camp Grayling JTMC Building 950		Cummins 150.00GGLB 150kw		A12029011	\$180.00	\$650.00	\$250.00	\$300.00
40	Camp Grayling JTMC Building 331		Kohler 60RZ272 60kw		273222	\$180.00	\$650.00	\$250.00	\$300.00
41	Camp Grayling JTMC Building 36 - A		John Deere MEP-806B 60kw		HX70508	\$180.00	\$650.00	\$250.00	\$300.00
42	Camp Grayling JTMC Building 36 - B		John Deere MEP-806B		HX70515	\$180.00	\$650.00	\$250.00	\$300.00
43	Camp Grayling JTMC Building 4		Cummins 85.066hg 85kw		J100165597	\$180.00	\$650.00	\$250.00	\$300.00
44	Camp Grayling JTMC Building 524B		Generac QTO2524GNSANA 25kw		4904126	\$180.00	\$650.00	\$250.00	\$300.00
45	Camp Grayling JTMC Building 560		Katolight N350FRZ4 350kw		119887-0306	\$180.00	\$650.00	\$250.00	\$300.00
46	Camp Grayling JTMC Building 642		Kohler 100RZ272 100kw		266996	\$180.00	\$650.00	\$250.00	\$300.00
47	Camp Grayling JTMC Building 410		Cummins 60.0GGHE 60kw		K080223032	\$180.00	\$650.00	\$250.00	\$300.00
48	Camp Grayling JMTC Building 3201R ROCA		Generac/14077080100 150kw	LP	2114971	\$180.00	\$650.00	\$250.00	\$300.00
49	Camp Grayling JTMC		Cummins 47.0GGFE 47kw		L080225776	\$180.00	\$650.00	\$250.00	\$300.00

	Building MPRC								
50	Camp Grayling JTMC Building OP5		Generac QTO2224ANAN 22kw		5335667	\$180.00	\$650.00	\$250.00	\$300.00
51	Camp Grayling JTMC Building 545		Cummins 35.0ggfd 35kw		F060793629	\$180.00	\$650.00	\$250.00	\$300.00
52	Lansing JFRC Bldg 20 3411 N. MLK Blvd Lansing, MI 48906	<p align="center">DMVA Captain Del Avery (517) 481-7569 delbert.e.avery.mil@mail.mil</p> <p>Ron Souza (517) 481-7546 ronald.d.souza2.nfg@mail.mil</p>	ONAN/Cummins Model DGCG-5689750 277/480V	100 gallons	H040677975	\$200.00	\$650.00	\$250.00	\$300.00
53	Lansing JFRC Bldg 30 3423 N. MLK Blvd Lansing, MI 48906		ONAN/Cummins Model DQHAB-5858186 277/480V	525 gallons	E070061093	\$285.00	\$2,600.00	\$750.00	\$485.00
54	Grand Ledge AASF #1 10600 Eaton Hwy Grand Ledge, MI 48837		Detroit Diesel S60 400 D8E 277/480V	100 gallons	2087514	\$285.00	\$790.00	\$250.00	\$300.00
55	Jackson Armory 4850 Cooper Rd Jackson, MI 49202		Detroit Diesel (John Deere Eng) 230DSEJB 277/480 V	411 gallons	2096373	\$200.00	\$790.00	\$250.00	\$450.00
56	Shiawassee Armory 675 W. Corunna Ave. Corunna, MI 48817		John Deere Model 125 REO2JB 277/480V	500 gallons	2088728	\$200.00	\$625.00	\$250.00	\$450.00
57	Detroit Light Guard Armory, 4400 E. Eight Mile Rd, Detroit,		Cummins G-855 engine coupled with a Matathon Electric Magna One Alternator: 120 KW, 208Y/120	natural gas	#440FRD8020, 440FRD8021	\$200.00	\$695.00	\$250.00	\$450.00

	MI 48234								
58	Taylor Armory 12450 Beech Daly Taylor, MI 48180		Kohler model 200REOJD, 200kW, 250kVA, 480Y/277V	Diesel - 818 gallon sub-base fuel tank	ASCO series 7000, 400A ATS	\$200.00	\$775.00	\$350.00	\$450.00
ITEM #	Location	Agency Contact	Make/Model	Fuel type/tank capacity - Full load run time with a full tank	State ID/Serial #	Semi-Annual Preventive Service Cost (Each)	Annual Service Cost - includes Load Bank Testing (Each)	Battery Replacement Cost /each	Belt Replacement Cost /each
59	Calumet Armory 57707 Military Ave. Calumet, MI 49913	Same as above	CAT D40P3 35kW/44kVA, 208Y/120V	diesel 75 gallons	OLY00000TNPf03981	\$200.00	\$690.00	\$250.00	\$300.00
60	Fort Custer Training Center FCEC-2900, Augusta	DMVA Gary Strickland (517) 648-4897 gary.cstrickland2.nfg@mail.mil	Cummins DFEK-5213077	Diesel 900 gallon	G100143307	\$285.00	\$925.00	\$650.00	\$450.00
61	Fort Custer Training Center CST-2750, Augusta		Kohler 125RE02JD	Diesel 400 gallons	2143719	\$200.00	\$650.00	\$250.00	\$300.00
62	Fort Custer Training Center UTES-2295, Augusta		Caterpillar C27. Product ID No. CAT00C27CDWB02881	Diesel 1500 usable, 1699 gallon capacity	MJE02878	\$285.00	\$1,025.00	\$650.00	\$450.00
63	Fort Custer Training Center ARC-2200, Augusta		Cummins GGMA-6346678	natural gas	A110183760	\$200.00	\$650.00	\$250.00	\$300.00

STATE OF MICHIGAN

Contract No. 071B5500092

Generator Maintenance Service

EXHIBIT C

LOCATIONS

ITEM #	Location	Agency Contact	Make/Model	Fuel type/tank capacity - Full load run time with a full tank	State ID/Serial #	1 Generator Location	2 What days and what time of day is the generator to be serviced?	3 Is access for <u>contracted vendor</u> standard? If not, describe requirements (ie; background check prior to maintenance work?)	4 Which generators have wireless remote monitoring?	5 Which generators have <u>working</u> fuel gauges?
1	Mason Building 530 W. Allegan, Lansing	DTMB Bob Weldon 517-202-1715 weldonr@michigan.gov John Kinkema 517-243-8942 kinkemaj@michigan.gov	Cummins 350KW Model: 350GFEB	Natural Gas	ID#: Ser#: M14E210392	Located in upper level parking ramp	Weekends	Background Check Required - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/Site Access.	NO	YES
2	Secondary GOB, 7150 Harris Dr., Dimondale		Caterpillar #98A01809-5 model: 3208 200 KW	Diesel 300 gallons	ID#: Ser#: 5YF03775	Outside - but in a locked housing unit.	Weekends		YES	YES
3	Secondary SOS, 7064 Crowner Dr., Dimondale (1)		Cummins 500 KW	Diesel 500 gallons	ID#: Ser#: G950582684	Outside - but in a locked housing unit.	Weekends		NO	YES
4	Secondary SOS, 7064 Crowner Dr., Dimondale (2)		Cummins 500 KW	Diesel 500 gallons	ID#: Ser#: E960606160	Outside - but in a locked housing unit.	Weekends		NO	YES

5	Secondary SOS, 7064 Crowner Dr., Dimondale (3)	Cummins 1000 KW	Diesel 2400 gallons	ID#: Ser#: L100174436	Outside - but in a locked housing unit.	Weekends		NO	YES
6	Secondary SOS, 7064 Crowner Dr., Dimondale (4)	Cummins 1000 KW	Diesel 2400 gallons	ID#: Ser#: J080218484	Outside - but in a locked housing unit.	Weekends		NO	YES
7	Secondary SOS, 7064 Crowner Dr., Dimondale (5)	Cummins 1000 KW	Diesel 2400 gallons	ID#: Ser#: K080219708	Outside - but in a locked housing unit.	Weekends		NO	YES
8	Secondary SOS, 7064 Crowner Dr., Dimondale (6)	Cummins 1000 KW	Diesel 2400 gallons	ID#: Ser#: D110206897	Outside - but in a locked housing unit.	Weekends		NO	YES
9	Baker-Olin South, N. MLK Blvd, Lansing	ONAN/Ford Model 100 GGHD 277/480V	natural gas	ID#: Ser#: C980713717	Outside - but in a gated area and locked housing unit.	Weekends		NO	YES
10	Austin Building, 430 W. Allegan, Lansing	Cummins 750 KW	Diesel 1000 gallons with 100 gallon day tank	ID#: Ser#: H050819260	Located in Mason Building Loading Dock	Weekends		NO	YES
11	Operations Center, 7285 Parsons Dr., Dimondale	Cummins 750 KW	Diesel 750 gallons	ID#: Ser#: H050813197	Outside - but in a locked housing unit.	Weekends	Background Check Required - Contact "Agency Contact" for guidance. - Call "Agency	NO	YES

								Contact" for Building/Si te Access.		
12	Cadillac Place – 3044 W. Grand Blvd, Detroit	DTMB Bill Bacalis 517-719-0958 DTMB Al Vettese 313-456-2371	Caterpillar 3512B	Diesel 3000 gallons	ID#: Ser#: 06WN00613	Inside Building	Weekend s	Background Check Required - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/Si te Access.	NO	YES
13	Cadillac Place – 3044 W. Grand Blvd, Detroit		Caterpillar 3512B For Fire Life Safety	Diesel 3000 gallons with 300 gallon day tank	ID#: Ser#: 06WN00614	Inside Building	Weekend s		NO	YES
14	Energy Center, 7432 Parsons Dr., Dimondale	DTMB Larry Kusnier (Facility Electrician) 517-719-5962 Larry Franklin (Facility Liaison) 517-202-6608	Caterpillar #D348, AA28654000, 1500 kW 3512 motor	1500 Gal. Diesel 20 hrs	ID#: 000882 Ser#:25020-01	OUTSIDE	Mon-Fri 7 am to 5pm	Standard DTMB Background Check - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/Si te Access.	YES/NO	YES
15	Energy Center, 7432 Parsons Dr., Dimondale		Cummins/Onan 200 DGFC Gen set 200 kW 480/277/208/120 Trailer mounted	Diesel 8 hrs.	ID#: 006922 Ser#:	OUTSIDE	Mon-Fri 7 am to 5pm		YES	YES
16	Energy Center, 7432 Parsons Dr., Dimondale		Cummins/Onan Natural Gas PCC Gen set 200 kW 480/277/208/120 Trailer mounted	Diesel 8 hrs.	ID#: 006923 Ser#:	OUTSIDE	Mon-Fri 7 am to 5pm		YES	YES
17	Energy Center, 7432 Parsons Dr., Dimondale		Cummins/Onan Diesel PCC Gen. set 350 kW 480/277 Trailer mounted	Diesel 200 gallons	ID#: 006921 Ser#:	OUTSIDE	Mon-Fri 7 am to 5pm		YES	YES
18	General		Onan 400DFCE	Diesel	ID#: 004333	INSIDE	Mon-Fri 7		Standard	YES

	Services Bldg., 7461 Crowner Dr., Dimondale		Cummins Diesel H.P.: 605 @1800 RPM KVA: 500 Automatic Transfer Switch: Onan	600 gallons 24 hours	Ser#:		am to 5pm	DTMB Background Check - Contact "Agency Contact" for guidance. Proper ID at the guard gate. Escort to generators by State employee.		
19	General Services Bldg., 7461 Crowner Dr., Dimondale		Onan 400DFCE Cummins Diesel H.P.: 605 @1800 RPM KVA: 500 Automatic Transfer Switch: Onan	Diesel 600 gallons 24 hours	ID#: 004334 Ser#:	OUTSIDE	Mon-Fri 7 am to 5pm		YES	YES
20	MSP Forensic Lab, 7320 N. Canal Rd., Dimondale		Onan DEFCC-4046466 KVA: 350 480 volt Transfer Switch: Automatic	Diesel 600 gallons 24 hours	ID#: 005265 Ser#:	OUTSIDE	Mon-Fri 7 am to 5pm		Background check - Contact "Agency Contact" for guidance. Escorted and supervised by State Employee	YES
ITEM #	Location	Agency Contact	Make/Model	Fuel type/tank capacity - Full load run time with a full tank	State ID/Serial #	Generator Location	What days and what time of day is the generator to be serviced?	Is access for contracted vendor standard? If not, describe requirements (ie; background check prior to maintenance work?)	Which generators have wireless remote monitoring?	Which generators have working fuel gauges?
21	MSP Training	DTMB Larry Kusnier (Facility)	Onan 50 DEG-15R/12745E	Diesel	ID#: 003944	INSIDE	Mon-Fri 7 am to	Standard	YES	YES

	Academy, 7426 N. Canal Rd., Dimondale	Electrician) 517-719-5962 Larry Franklin (Facility Liaison) 517-202-6608	Motor: Ford Natural Gas KVA: 62.5 Transfer Switch: Automatic	1000 gallons 24 hours	Ser#:		5pm	DTMB Background Check - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/Site Access.		
22	Constitution Hall, 525 Allegan, Lansing	DTMB Joe Hewitt (Facility Electrician) 517-749-0523 Bethany Jensen (Facility Liason) 517-284-7951	Onan DFGB Motor: K000174169 KVA: 600 Transfer Switch: Automatic	Diesel 24 hours	ID#: 008404 Ser#:	INSIDE	Mon-Fri 7 am to 5pm			NO
23	Governor's Residence		Cummins Quietsite GGFE5689885 Motor: Ford KVA: 42 kW Transfer Switch: Automatic	natural gas unlimited	ID#: 008470 Ser#:	OUTSIDE. Escort to generators by State employee.	Mon-Fri 9 am to 5pm	Background Check Required - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/Site Access.	NO	NO
24	Grand Tower, 235 S. Grand Ave., Lansing		Caterpillar SR4 750 KVA, 600 kW 3 Phase 480 Volt unit	275 gallons 8.5 hours	ID#: 005461 Ser#: 6FA05754	OUTSIDE	Mon-Fri 7 am to 5pm	Standard DTMB Background Check - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/Site Access.	NO	YES
25	Joint Operations Center, 615 W. Allegan St., Lansing		Onan DFEG KVA: 437, kW: 350 3 Phase 480 Volt unit	Diesel 578 gallons	ID#: 008437 Ser#: D060915377	OUTSIDE	Mon-Fri 7 am to 5pm	Background Check Required - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/Site Access.	NO	YES
26	Lottery Building, 101 E. Hillsdale St., Lansing		Caterpillar 3406 Motor: Caterpillar H.P.: 445 @ 1800 rpm KVA: 350 kW Transfer Switch: Automatic	500 gallons 20 hours	ID#: 001174 Ser#:	INSIDE	Mon-Fri 7 am to 5pm	Background Check Required - Contact "Agency Contact" for guidance.	NO	YES
27	Hall of Justice, 925 W. Ottawa St., Lansing		Caterpillar 34T2 KVA: 750, kW:600	4000 gallons	ID#: 7553 Ser#: AFH00124,BFZ022	INSIDE	Mon-Fri 7 am to 5pm	Background Check Required - Contact	NO	YES

			3 Phase 480 Volt unit	160 hours	51			"Agency Contact" for guidance.			
28	Romney Building, 111 S. Capitol Ave., Lansing		Cummins Diesel KTTA-19-G2 H.P.:750 @ 1800 KVA: 500kw Transfer Switch: Automatic	Diesel 500 gallons 20 hours	ID#: 2290		OUTSIDE	Mon-Fri 7 am to 5pm	Background Check Required - Contact "Agency Contact" for guidance.	NO	YES
29	Roosevelt Parking Ramp		Onan #35GGFD KVA: 44 kW: 35 3 Phase 480 Volt unit	natural gas unlimited	ID#: 7968 Ser#: 007968		OUTSIDE	Mon-Fri 7 am to 5pm	Standard DTMB Background Check - Contact "Agency Contact" for guidance.	NO	NO
30	Records Building, 3400 N. Grand River Ave., Lansing, MI 48906		Onan Genset KVA: 44, 480/277 Transfer Switch: Automatic	natural gas unlimited			INSIDE	Mon-Fri 7 am to 5pm	Background Check Required - Call "Agency Contact" for Building/Site Access.	NO	NO
31	State Police Headquarters, 333 S. Grand Ave., Lansing, MI 48913		Cummins 500GFGA KVA: 500/480 Transfer Switch: Automatic	natural gas unlimited			OUTSIDE	Mon-Fri 7 am to 5pm	Background Check Required - Contact "Agency Contact" for guidance.	NO	NO
32	State Combined Lab, 3350 N. MLK Blvd., Lansing		Caterpillar #3512B Motor: 52.8 cu in, KVA: 1500kw at 13,200 volts Transfer Switch: Automatic	Diesel 2,500 gallons 24 hours	ID#: 000604		OUTSIDE	Mon-Fri 7 am to 5pm	Background Check Required - Contact "Agency Contact" for guidance.	YES	YES
33	Flint State Office Bldg., 125 E. Union St.	DTMB Paul Bates (Facility Electrician) 517-605-0210	Cummins GGLB 5780000 KVA: 150 kW	natural gas	ID#: 008453 Ser#: K060992342		INSIDE	Mon-Fri 7 am to 5pm for general maintenance	Standard DTMB Background	YES	NO

		Mike Noonan (Facility Liaison) 810-760-2051	Transfer Switch: Automatic	unlimited			ce. Scheduled hours Load bank test and major repair.	d Check - Contact "Agency Contact" for guidance - Proper ID at the guard desk. Escort to generators by State employee.		
34	Jerome T. Hart Bldg., 411 E. Genesse Ave., Saginaw		Cummins/Onan #200 DGFC 150 kW 480/277 Transfer Switch: Automatic Onan 225 amp/ 480 volt	natural gas unlimited	ID#: 006369	OUTSIDE	Mon-Fri 7 am to 5pm for general maintenan ce. Scheduled hours Load bank test and major repair.		NO	NO
35	Grand Rapids State Office Bldg., 350 Ottawa Ave., N. W.	DTMB Chet Kendra (Facility Electrician) 616- 299-4689 Frank Broderick (Facility Liaison) 616- 299-9954	Kohler #20R074/9819A5.6 H.P.: 225 @ 1800 rpm KVA: 175 kW Transfer Switch: Automatic	20 hours	ID#: 001029	INSIDE	Mon-Fri 7 am to 5 pm	Standard DTMB Background Check - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/Sit e Access.	NO	No
36	Camp Grayling JTMC Building 1	DMVA James Shirkey (989) 344-6184 jim.shirkey.nfg@mail.mil	Generac 0055040 17kw		5072677	Outside/limit ed	Mon-Fri 8 am to 4 pm	Provide technician info to Range Control for all technicians accessing site - Contact "Agency Contact" for guidance. - Call "Agency	NO	N/A
37	Camp Grayling JTMC Building 115		Generac 0049920 40kw		3889189	Outside/limit ed	Mon-Fri 8 am to 4 pm		NO	N/A
38	Camp Grayling JTMC Building 203		Generac 8951930200 135kw		2095994	Outside/limit ed	Mon-Fri 8 am to 4 pm		NO	N/A
39	Camp Grayling JTMC Building 950		Cummins 150.00GGLB 150kw		A12029011	Inside/limite d	Mon-Fri 8 am to 4 pm		NO	N/A

40	Camp Grayling JTMC Building 331		Kohler 60RZ272 60kw		273222	Inside/limited	Mon-Fri 8 am to 4 pm	Contact" for Building/Site Access.	NO	N/A
41	Camp Grayling JTMC Building 36 - A		John Deere MEP-806B 60kw		HX70508	Outside/limited	Mon-Fri 8 am to 4 pm		NO	YES
42	Camp Grayling JTMC Building 36 - B		John Deere MEP-806B		HX70515	Outside/limited	Mon-Fri 8 am to 4 pm		NO	YES
43	Camp Grayling JTMC Building 4		Cummins 85.066hg 85kw		J100165597	Outside/limited	Mon-Fri 8 am to 4 pm		NO	N/A
44	Camp Grayling JTMC Building 524B		Generac QTO2524GNSANA 25kw		4904126	Outside/limited	Mon-Fri 8 am to 4 pm		NO	N/A
45	Camp Grayling JTMC Building 560		Katolight N350FRZ4 350kw		119887-0306	Outside/limited	Mon-Fri 8 am to 4 pm		NO	N/A
46	Camp Grayling JTMC Building 642		Kohler 100RZ272 100kw		266996	Outside/limited	Mon-Fri 8 am to 4 pm		NO	N/A
ITEM #	Location	Agency Contact	Make/Model	Fuel type/tank capacity - Full load run time with a full tank	State ID/Serial #	Generator Location	What days and what time of day is the generator to be serviced?	Is access for <u>contracted</u> vendor standard? If not, describe requirements (ie; background check prior to	Which generators have wireless remote monitoring?	Which generators have <u>working</u> fuel gauges?

47	Camp Grayling JTMC Building 410	DMVA James Shirkey (989) 344-6184 jim.shirkey.nfg@mail.mil	Cummins 60.0GGHE 60kw		K080223032	Outside/limited	Mon-Fri 8 am to 4 pm	Provide technician info to Range Control for all technicians accessing site - Contact "Agency Contact" for guidance. - Call "Agency Contact" for Building/Site Access.	NO	N/A
48	Camp Grayling JMTC Building 3201R ROCA		Generac/14077080100 150kw	LP	2114971	Outside/limited	Mon-Fri 8 am to 4 pm		NO	N/A
49	Camp Grayling JTMC Building MPRC		Cummins 47.0GGFE 47kw		L080225776	Outside/limited	Mon-Fri 8 am to 4 pm		NO	N/A
50	Camp Grayling JTMC Building OP5		Generac QTO2224ANAN 22kw		5335667	Outside/limited	Mon-Fri 8 am to 4 pm		NO	N/A
51	Camp Grayling JTMC Building 545		Cummins 35.0ggfd 35kw		F060793629	Outside/limited	Mon-Fri 8 am to 4 pm		No	N/A
52	Lansing JFRC Bldg 20 3411 N. MLK Blvd Lansing, MI 48906	DMVA Captain Del Avery (517) 481-7569 delbert.e.avery.mil@mail.mil Ron Souza (517) 481-7546 ronald.d.souza2.nfg@mail.mil	ONAN/Cummins Model DGCG-5689750 277/480V	100 gallons	H040677975	Outside building inside a fenced military parking area	Mon-Fri 8 am to 4 pm	Must have State approved photo ID for all site visits. Must schedule with "Agency Contact".	YES	YES
53	Lansing JFRC Bldg 30 3423 N. MLK Blvd Lansing, MI 48906		ONAN/Cummins Model DQHAB-5858186 277/480V	525 gallons	E070061093	Outside building on south side of building 30	Mon-Fri 8 am to 4 pm		YES	YES
54	Grand Ledge AASF #1 10600 Eaton Hwy Grand Ledge, MI		Detroit Diesel S60 400 D8E 277/480V	100 gallons	2087514	Outside building on NE side inside fence	Mon-Fri 8 am to 4 pm		Schedule visit with building manager or building	YES

	48837							maintenance foreman.		
55	Jackson Armory 4850 Cooper Rd Jackson, MI 49202		Detroit Diesel (John Deere Eng) 230DSEJB 277/480 V	411 gallons	2096373	Outside building on west side in back of armory	Mon-Fri 8 am to 4 pm		N/A	
56	Shiawassee Armory 675 W. Corunna Ave. Corunna, MI 48817		John Deere Model 125 REO2JB 277/480V	500 gallons	2088728	Outside building in back of armory	Mon-Fri 8 am to 4 pm		N/A	N/A
57	Detroit Light Guard Armory, 4400 E. Eight Mile Rd, Detroit, MI 48234		Cummins G-855 engine coupled with a Matathon Electric Magna One Alternator: 120 KW, 208Y/120	natural gas	#440FRD8020, 440FRD8021	Inside a small block building at SE rear of armory inside fence.	Mon-Fri 8 am to 4 pm		N/A	N/A
58	Taylor Armory 12450 Beech Daly Taylor, MI 48180		Kohler model 200REOJD, 200kW, 250kVA, 480Y/277V	Diesel - 818 gallon sub-base fuel tank	ASCO series 7000, 400A ATS	Outside building in back of armory	Mon-Fri 8 am to 4 pm		N/A	
59	Calumet Armory 57707 Military Ave. Calumet, MI 49913		CAT D40P3 35kW/44kVA, 208Y/120V	diesel 75 gallons	OLY00000TNPFF03 981	Inside motor vehicle storage building behind the armory	Mon-Fri 8 am to 4 pm		N/A	
60	Fort Custer Training Center FCEC-2900, Augusta	DMVA Gary Strickland (517) 648-4897 gary.cstrickland2.nfg@mail.mil	Cummins DFEK-5213077	Diesel 900 gallon	G100143307	Outside behind (NW side) of building next to cooling tower	Mon-Fri 8 am to 4 pm	Fort Custer Proper: Contracted vendor will need to acquire a contractor's badge to gain access to the Fort. Once the badge is obtained, access to	N/A	

								the Fort will be granted at the gate. Contact Fort Custer Engineering for badge.		
61	Fort Custer Training Center CST- 2750, Augusta		Kohler 125RE02JD	Diesel 400 gallons	2143719	Outside next to east drive leading into vehicle storage bay behind fenced compound.	Mon-Fri 8 am to 4 pm	CST Bldg #2750: Mechanic will need to enter front door of building and receive permission to access fenced compound. Same Fort access as #58 above.	N/A	
62	Fort Custer Training Center UTES- 2295, Augusta		Caterpillar C27. Product ID No. CAT00C27CDWB0288 1	Diesel 1500 usable, 1699 gallon capacity	MJE02878	North side of building in fenced compound	Mon-Fri 8 am to 4 pm	UTES fenced compound: Mechanic will need to enter front door of building and receive permission to access fenced compound. Same Fort access as #58 above.	N/A	
63	Fort Custer Training Center ARC-2200, Augusta		Cummins GGMA-6346678	natural gas	A110183760	Outside next to road leading to building.	Mon-Fri 8 am to 4 pm	Same Fort access as #58 above.	N/A	N/A



STATE OF MICHIGAN

Semi-Annual Generator Inspection Report

Customer Information		Generator Details	
Name/Agency:		Gen Model:	
Address:		Gen S/N:	
Address 2:		Fuel Type:	
City:		Hour Meter:	
State:		Voltage:	
Zip:		Phase:	
Contact:		Power Factor:	
Phone:		Date:	
Authorized By:		R.O.#:	
		Serviced By:	

Battery and Charger	
Load Test	
Specific Gravity	
Clean Battery Terminals	
Acid Level	
Corrosion	
Charger Output	
Battery Age	

(Replace batteries every 2 years.)

Engine – Not Running	
Spark Plugs	
Distributor Points	
Plug Wires	
Oil Level	
Starter & Wiring	

Engine Running Record	
AC Output L-L	
Frequency (Hz)	
Amps L1	
Amps L2	
Amps L3	

Intake and Exhaust	
Air Cleaner	
Breather	<input type="checkbox"/>
Leaks	
Muffler & Traps	<input type="checkbox"/>
Rain Cap	

Engine Running	
Oil Pressure	
Alternator Output	
Leaks	
Alarms/Shutdowns	
Water Temp.	

Generator	
Overspeed switch	
Holders	<input type="checkbox"/>
Cooling Air	
AC Wiring	<input type="checkbox"/>

Transfer Switch	
Time Delay Sec.	
Run Day	
Run Time	
With or W/O Load	
Load Test	<input type="checkbox"/> Yes <input type="checkbox"/> No
Clock Operation	<input type="checkbox"/> Set <input type="checkbox"/> Not Set

Controls	
Voltage Regulator	<input type="checkbox"/>
Engine Monitors	<input type="checkbox"/>
Wiring & Relays	<input type="checkbox"/>
Check Bulbs	<input type="checkbox"/>

Fuel System	
Leaks	
Day Tank	
Governor Linkage	
Check for Water	
Drain Sediment	
Fuel Level	

Coolant System	
Coolant Level	
Freeze Point	
Radiator & Cap	
Hoses	
Heater	
Belts and Tension	
Louvers	
Coolant Sample	<input type="checkbox"/>
Leaks	
Controls in Auto	<input type="checkbox"/>
Engine Water Jacket Heater	

Comments

STATE OF MICHIGAN

Contract No. 071B5500092
Generator Maintenance Service
Exhibit E

Oil Analysis Report Requirements

OIL ANALYSIS REPORT

PHYSICAL TESTS

- **Viscosity cSt @ 100 ° C:** Measures the flowability of an oil at a given temperature. High viscosity may be from extended oil change, or from an after-market oil additive.
- **Viscosity cSt @ 40° C:** Measures the flowability of an oil at a given temperature
- **Viscosity Index:** Measurement for the change of viscosity with variations of temperature. Higher VI is preferred meaning that the oil remains at an optimal operating viscosity at varying temperatures
- **Water:** Presence of water may be from condensation or may be indicative of a coolant leak. Water is reported as a percentage. Too much water will make the oil cloudy and/or milky and will need to be changed.
- **Fuel Dilution:** Measurement of fuel in the oil. Reported in 2%, 4% or >6%. Small percentages of fuel may be from excessive idling. Excessive fuel may be from a mechanical problem that needs to be corrected. Excessive fuel will reduce the lubrication properties of the oil.
- **Anti-Freeze:** A chemical test is done to determine percentage of glycol in the system. Any amount of glycol is abnormal. Glycol contamination may result in filter plugging, overheating and overall internal engine wear.

OIL CONDITION

- **Fuel Soot:** Reported as % of weight. Soot is what makes diesel engine oil black. Soot needs to be controlled. Excessive soot can shorten engine life and will be very abrasive.
- **Oxidation:** Occurs when oxygen molecules join with oil molecules. Oxidation will make the oil thicker than normal and lose lubrication. It will be accelerated by high oil temperatures and glycol contamination.
- **Nitration:** Occurs in all engines, but is generally a problem in Natural Gas Engines. Nitrogen compounds from combustion thicken the oil and reduce lubrication.
- **Sulfation:** Sulfur is present in fuels and affects engines. Fuel sulfur oxidizes and combines with water to form acid during combustion. Acids corrode all engine parts.
- **Water Content IR Spectroscopy**
- **TBN** Included in standard test due to criticality in the overall oil condition NOT OPTIONAL
- **TAN** is included on components where TAN is relevant NOT OPTIONAL

SPECTROMETRY / RDE

There are 23 elements on all oil and coolant reports. The measurement of these tests are in ppm (parts per million). The elements consist of wear elements, additive elements and trace elements.

- **Wear Elements:** This shows how one part is wearing against another. There is an amount of “normal” wear. If any wear element is abnormal, the lab will highlight that element.
- **Additive Elements:** These are simply part of the additive package. These additives include; however, not limited to:
 - Detergents
 - Anti-Friction
 - Anti-Wear
 - Dispersants
 - Anti-Foam

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Exhibit E

Oil Analysis Report Requirements

- **Trace Elements:** These are indicators of external contamination entering into the system. Trace elements will increase when one compartment product enters another compartment. The most common example is coolant entering the engine. We have an electronic copy of our wear metal origin chart available. This is to help provide possible sources of high elements. Trending is very important in oil analysis. With 5 samples viewable on one report, it will be easy to see any exception to your trend.
- **TBN:** Total Base Number. Measures the reserve alkalinity and should be compared to the new oil. A low TBN generally indicates a depleting additive package (highly recommended, should not be optional).
- **Total Acid Number (TAN):** A measurement of the amount of acidic products present in the oil. Total Acid Number is typically done on a hydraulic system that extends the oil change intervals and on Industrial testing (highly recommended, should not be optional).
- **Particle Count:** Particle Count is a measurement of particles that are too large for the Spectrochemical Analysis. Particle count data is reported in an ISO code and a 3 channel count. Particle count is very important for any hydraulic and/or transmission system. Particle count is automatically done on all Industrial Testing. Note: particle count does not identify the particles; it just counts them at different micron ranges to provide an overall level of cleanliness contamination.

COOLANT REPORT

PHYSICAL TESTS

- **Freeze Point °F:** Temperature at which crystallization begins.
- **pH:** The measure of the hydrogen ion concentration and indicates whether an antifreeze, antirust, coolant or a solution of these compounds is acidic, alkaline or neutral.
- **Nitrites:** Measurement of primary corrosion inhibitors present in the supplementary coolant additive. This test gives an indication of the coolants ability to provide corrosion protection.
- **% Glycol:** Main ingredient of most coolants. Too much or too little will reduce the protection of the cooling system.
- **Conductivity:** Measure of the coolants ability to resist carrying an electrical charge. It also monitors contamination levels of the cooling system.
- **Foam:** Reported as None, Medium or Heavy. Foam may be the result of lack of anti-foaming agents. Coolant that foams can cause cavitation in the cooling system.
- **Visuals:** This is a physical inspection of the coolant that includes:
 - Odor
 - Color
 - Oil and/or Fuel Presence
 - Clarity
 - Smell
 - Precipitate

SPECTROMETRY / ICP

- **Corrosion Elements:** Iron, Copper, Aluminum, Silver, Lead, Tin and Zinc. These elements are often the result of the corrosion of surfaces in the cooling system.
- **Contaminant Elements:** Calcium and Magnesium. These elements are present in hard or untreated water.
- **Additive Elements:** Phosphorus, Boron, Molybdenum, Silicon, Potassium and Sodium. These elements are present in the coolant and are additives and inhibitors designed to enhance coolant properties.