



STATE OF MICHIGAN
CENTRAL PROCUREMENT SERVICES
 Department of Technology, Management, and Budget
 525 W. ALLEGAN ST., LANSING, MICHIGAN 48913
 P.O. BOX 30026 LANSING, MICHIGAN 48909

CONTRACT CHANGE NOTICE

Change Notice Number **4**
 to
 Contract Number **071B7700178**

CONTRACTOR	TODD WENZEL CHEVROLET
	3156 Highland Dr. , Po Box 310
	Hudsonville, MI 49426
	Albert Li
	734-721-1144 4265
	ali@toddwenzel.com
	CV0127388

STATE	Program Manager	Scott Poyer	DTMB
		517-284-6448	
		poyers@Michigan.gov	
	Contract Administrator	Yvon Dufour	DTMB
		(517) 249-0455	
		dufour@michigan.gov	

CONTRACT SUMMARY				
VEHICLES - PATROL, PASSENGER, TRUCKS AND VANS				
INITIAL EFFECTIVE DATE	INITIAL EXPIRATION DATE	INITIAL AVAILABLE OPTIONS	EXPIRATION DATE BEFORE	
August 1, 2017	November 30, 2022	1 - 2 Year	November 30, 2022	
PAYMENT TERMS		DELIVERY TIMEFRAME		
ALTERNATE PAYMENT OPTIONS			EXTENDED PURCHASING	
<input type="checkbox"/> P-Card <input type="checkbox"/> PRC <input type="checkbox"/> Other			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
MINIMUM DELIVERY REQUIREMENTS				
DESCRIPTION OF CHANGE NOTICE				
OPTION	LENGTH OF OPTION	EXTENSION	LENGTH OF EXTENSION	REVISED EXP. DATE
<input type="checkbox"/>		<input type="checkbox"/>		November 30, 2022
CURRENT VALUE	VALUE OF CHANGE NOTICE	ESTIMATED AGGREGATE CONTRACT VALUE		
\$250,001.00	\$0.00	\$250,001.00		
DESCRIPTION				
Effective December 14, 2021, 2022 model year vehicles and pricing are hereby updated, per revised Schedule B - Pricing. All other terms, conditions, specifications and pricing remain the same. Per contractor proposal and DTMB Procurement approval.				

Spec #	DESCRIPTION	Year	Make	Model	Awarded Dealer	MDOT \$	NOTES
0052-4WDU	FOUR WHEEL DRIVE UTILITY VEHICLE: UTILITY VEHICLE, LARGE, 6 to 8 PASSENGER ALTERNATIVE	2021	CHEVROLET	SUBURBAN (CK10906)	Todd Wenzel Chevrolet	\$42,684.00	Includes tinted glass.
0052-4WDU	FOUR WHEEL DRIVE UTILITY VEHICLE: UTILITY VEHICLE, LARGE, 6 to 8 PASSENGER ALTERNATIVE	2021	CHEVROLET	TAHOE (CK10706)	Todd Wenzel Chevrolet	\$40,158.00	Includes tinted glass.
0060-LGU	LARGE UTILITY VEHICLES: UTILITY, 4-DOOR, 5-6 PASSENGER, FULL SIZE, ALTERNATIVE FUEL	2021	CHEVROLET	TAHOE (CC15706)	Todd Wenzel Chevrolet	\$37,383.00	Includes tinted glass.
0061-LGU	LARGE UTILITY VEHICLES: UTILITY VEHICLE, 6 PASSENGER, HALF TON, ALTERNATIVE FUEL	2021	CHEVROLET	SUBURBAN (CC15906)	Todd Wenzel Chevrolet	\$39,908.00	Includes tinted glass.
0073A-4WDL	LIGHT DUTY TRUCK 4x4: PICK UP BODY, EXTENDED CAB ALTERNATIVE FUEL (6	2021	CHEVROLET	SILVERADO (CK10753)	Todd Wenzel Chevrolet	\$29,310.00	
0101-MDT	MEDIUM DUTY TRUCK: CAB AND CHASSIS G.V.W.R. 10,000 lbs. min.,	2021	CHEVROLET	SILVERADO (CC31003)	Todd Wenzel Chevrolet	\$26,498.00	
0121A-VAN	VANS: CARGO VAN BODY ALTERNATIVE FUEL (Payload 1,700 lbs., min.)	2021	CHEVROLET	EXPRESS (CG23405)	Todd Wenzel Chevrolet	\$22,843.00	
0121-VAN	VANS: CARGO VAN BODY (Payload 1,700 lbs., min.)	2021	CHEVROLET	EXPRESS (CG23405)	Todd Wenzel Chevrolet	\$21,959.00	
0123-VAN	VANS: VAN, 12 PASSENGER (Payload 2,649 lbs., min.)	2021	CHEVROLET	EXPRESS CG23406	Todd Wenzel Chevrolet	\$26,385.00	
0124A-VAN	VANS: CARGO VAN BODY, THREE-QUARTER TON ALTERNATIVE	2021	CHEVROLET	EXPRESS (CG23405)	Todd Wenzel Chevrolet	\$24,120.00	
0124-VAN	VANS: CARGO VAN BODY, THREE-QUARTER TON (Payload 3,100 lbs., min.)	2021	CHEVROLET	EXPRESS (CG23405)	Todd Wenzel Chevrolet	\$24,120.00	
0125A-VAN	VANS: CARGO VAN BODY, ONE TON ALTERNATIVE FUEL (Payload 3,900 lbs., min.)	2021	CHEVROLET	EXPRESS (CG33405)	Todd Wenzel Chevrolet	\$26,685.00	
0125-VAN	VANS: CARGO VAN BODY, ONE TON (Payload 3,900 lbs., min.)	2021	CHEVROLET	EXPRESS (CG33405)	Todd Wenzel Chevrolet	\$26,685.00	
0126A-VAN	VANS: VAN 15 PASSENGER ALTERNATIVE FUEL	2021	CHEVROLET	EXPRESS (CG33706)	Todd Wenzel Chevrolet	\$29,770.00	
0126-VAN	VANS: VAN 15 PASSENGER	2021	CHEVROLET	EXPRESS (CG33706)	Todd Wenzel Chevrolet	\$28,785.00	

Spec #	DESCRIPTION	Year	Make	Model	Awarded Dealer	MI Deal \$	Delivery Fee (Per mile)	NOTES
0052-4WDU	FOUR WHEEL DRIVE UTILITY VEHICLE: UTILITY VEHICLE, LARGE, 6 to 8 PASSENGER ALTERNATIVE FUEL (Payload 1,500 lbs., min.)	2021	CHEVROLET	SUBURBAN (CK10906)	Todd Wenzel Chevrolet	\$42,653.00	\$1.75	Includes tinted glass.
0052-4WDU	FOUR WHEEL DRIVE UTILITY VEHICLE: UTILITY VEHICLE, LARGE, 6 to 8 PASSENGER ALTERNATIVE FUEL (Payload 1,500 lbs., min.)	2021	CHEVROLET	TAHOE (CK10706)	Todd Wenzel Chevrolet	\$40,128.00	\$1.75	Includes tinted glass.
0060-LGU	LARGE UTILITY VEHICLES: UTILITY, 4-DOOR, 5-6 PASSENGER, FULL SIZE, ALTERNATIVE FUEL (Payload 1,500 lbs., min.)	2021	CHEVROLET	TAHOE (CC15706)	Todd Wenzel Chevrolet	\$37,353.00	\$1.75	Includes tinted glass.
0061-LGU	LARGE UTILITY VEHICLES: UTILITY VEHICLE, 6 PASSENGER, HALF TON, ALTERNATIVE FUEL (Payload 1,500 lbs., min.)	2021	CHEVROLET	SUBURBAN (CC15906)	Todd Wenzel Chevrolet	\$39,878.00	\$1.75	Includes tinted glass.
0077D-4WDL	LIGHT DUTY TRUCK 4x4: PICK UP BODY, EXTENDED CAB, DIESEL (6 Foot Box) (Payload 2,500 lbs., min.)	2021	CHEVROLET	SILVERADO (CK20753)	Todd Wenzel Chevrolet	\$36,805.00	\$1.25	
0078-4WDL	LIGHT DUTY TRUCK 4x4: PICK UP BODY 8 FT. Box (Payload 2,800 lbs., min.)	2021	CHEVROLET	SILVERADO (CK20903)	Todd Wenzel Chevrolet	\$26,700.00	\$1.25	
1005-POL	Police - Silverado 1500 4WD WT Crew Cab 147" with SSP (5W4)	2021	CHEVROLET	Silverado 1500 (CK10543)	Todd Wenzel Chevrolet	\$28,183.00	\$1.25	
1007-POL	Police - Silverado 1500 4WD WT Crew Cab 157" with SSP (5W4)	2021	CHEVROLET	Silverado 1500 (CK10743)	Todd Wenzel Chevrolet	\$28,465.00	\$1.25	Pricing includes base model and Mandatory options only(no credits).
1009-POL	Police - Tahoe 2WD 4dr with PPV (9C1)	2021	CHEVROLET	Tahoe (CC10706)	Todd Wenzel Chevrolet	\$33,193.00	\$1.75	Pricing includes base model and Mandatory options only(no credits).
1010-POL	Police - Tahoe 4WD 4dr with PPV (9C1)	2021	CHEVROLET	Tahoe (CK10706)	Todd Wenzel Chevrolet	\$35,969.00	\$1.75	Pricing includes base model and Mandatory options only(no credits).
1011-POL	Police - Tahoe 4WD 4dr with SSP (5W4)	2021	CHEVROLET	Tahoe (CK10706)	Todd Wenzel Chevrolet	\$35,346.00	\$1.75	Pricing includes base model and Mandatory options only(no credits).



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CENTRAL PROCUREMENT SERVICES
 Department of Technology, Management, and Budget
 525 W. ALLEGAN ST., LANSING, MICHIGAN 48913
 P.O. BOX 30026 LANSING, MICHIGAN 48909

CONTRACT CHANGE NOTICE

Change Notice Number **3**
 to
 Contract Number **071B7700178**

CONTRACTOR	TODD WENZEL CHEVROLET
	3156 Highland Dr. , Po Box 310
	Hudsonville, MI 49426
	Albert Li
	734-721-1144 4265
	ali@toddwenzel.com
CV0127388	

STATE	Program Manager	Scott Poyer	SW
		517-284-6448	
		poyers@Michigan.gov	
	Contract Administrator	Yvon Dufour	DTMB
		(517) 249-0455	
		dufoury@michigan.gov	

CONTRACT SUMMARY

VEHICLES - PATROL, PASSENGER, TRUCKS AND VANS

INITIAL EFFECTIVE DATE	INITIAL EXPIRATION DATE	INITIAL AVAILABLE OPTIONS	EXPIRATION DATE BEFORE
August 1, 2017	November 30, 2022	1 - 2 Year	November 30, 2022

PAYMENT TERMS	DELIVERY TIMEFRAME

ALTERNATE PAYMENT OPTIONS	EXTENDED PURCHASING
<input type="checkbox"/> P-Card <input type="checkbox"/> PRC <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

MINIMUM DELIVERY REQUIREMENTS

DESCRIPTION OF CHANGE NOTICE

OPTION	LENGTH OF OPTION	EXTENSION	LENGTH OF EXTENSION	REVISED EXP. DATE
<input type="checkbox"/>		<input type="checkbox"/>		November 30, 2022

CURRENT VALUE	VALUE OF CHANGE NOTICE	ESTIMATED AGGREGATE CONTRACT VALUE
\$250,001.00	\$0.00	\$250,001.00

DESCRIPTION

Effective 10/14/2020, 2021 model year vehicles and pricing are hereby updated, per revised Schedule B - Pricing. All other terms, conditions, specifications and pricing remain the same. Per contractor proposal, and DTMB Procurement approval.

Spec #	DESCRIPTION	Year	Make	Model	Awarded Dealer	MI Deal \$	Delivery Fee (Per mile)	NOTES
0052-4WDU	FOUR WHEEL DRIVE UTILITY VEHICLE: UTILITY VEHICLE, LARGE, 6 to 8 PASSENGER ALTERNATIVE FUEL (Payload 1,500 lbs., min.)	2021	CHEVROLET	SUBURBAN (CK10906)	Todd Wenzel Chevrolet	\$42,653.00	\$1.75	Includes tinted glass.
0052-4WDU	FOUR WHEEL DRIVE UTILITY VEHICLE: UTILITY VEHICLE, LARGE, 6 to 8 PASSENGER ALTERNATIVE FUEL (Payload 1,500 lbs., min.)	2021	CHEVROLET	TAHOE (CK10706)	Todd Wenzel Chevrolet	\$40,128.00	\$1.75	Includes tinted glass.
0060-LGU	LARGE UTILITY VEHICLES: UTILITY, 4-DOOR, 5-6 PASSENGER, FULL SIZE, ALTERNATIVE FUEL (Payload 1,500 lbs., min.)	2021	CHEVROLET	TAHOE (CC15706)	Todd Wenzel Chevrolet	\$37,353.00	\$1.75	Includes tinted glass.
0061-LGU	LARGE UTILITY VEHICLES: UTILITY VEHICLE, 6 PASSENGER, HALF TON, ALTERNATIVE FUEL (Payload 1,500 lbs., min.)	2021	CHEVROLET	SUBURBAN (CC15906)	Todd Wenzel Chevrolet	\$39,878.00	\$1.75	Includes tinted glass.
0077D-4WDL	LIGHT DUTY TRUCK 4x4: PICK UP BODY, EXTENDED CAB, DIESEL (6 Foot Box) (Payload 2,500 lbs., min.)	2021	CHEVROLET	SILVERADO (CK20753)	Todd Wenzel Chevrolet	\$36,805.00	\$1.25	
0078-4WDL	LIGHT DUTY TRUCK 4x4: PICK UP BODY 8 FT. Box (Payload 2,800 lbs., min.)	2021	CHEVROLET	SILVERADO (CK20903)	Todd Wenzel Chevrolet	\$26,700.00	\$1.25	
1005-POL	Police - Silverado 1500 4WD WT Crew Cab 147" with SSP (5W4)	2021	CHEVROLET	Silverado 1500 (CK10543)	Todd Wenzel Chevrolet	\$28,183.00	\$1.25	
1007-POL	Police - Silverado 1500 4WD WT Crew Cab 157" with SSP (5W4)	2021	CHEVROLET	Silverado 1500 (CK10743)	Todd Wenzel Chevrolet	\$28,465.00	\$1.25	
1009-POL	Police - Tahoe 2WD 4dr with PPV (9C1)	2021	CHEVROLET	Tahoe (CC10706)	Todd Wenzel Chevrolet	\$33,193.00	\$1.75	Pricing includes base model and Mandatory options only(no credits).
1010-POL	Police - Tahoe 4WD 4dr with PPV (9C1)	2021	CHEVROLET	Tahoe (CK10706)	Todd Wenzel Chevrolet	\$35,969.00	\$1.75	Pricing includes base model and Mandatory options only(no credits).
1011-POL	Police - Tahoe 4WD 4dr with SSP (5W4)	2021	CHEVROLET	Tahoe (CK10706)	Todd Wenzel Chevrolet	\$35,346.00	\$1.75	Pricing includes base model and Mandatory options only(no credits).

Spec #	DESCRIPTION	Year	Make	Model	Awarded Dealer	MDOT \$	NOTES
0052-4WDU	FOUR WHEEL DRIVE UTILITY VEHICLE: UTILITY VEHICLE, LARGE, 6 to 8 PASSENGER ALTERNATIVE	2021	CHEVROLET	SUBURBAN (CK10906)	Todd Wenzel Chevrolet	\$42,684.00	Includes tinted glass.
0052-4WDU	FOUR WHEEL DRIVE UTILITY VEHICLE: UTILITY VEHICLE, LARGE, 6 to 8 PASSENGER ALTERNATIVE	2021	CHEVROLET	TAHOE (CK10706)	Todd Wenzel Chevrolet	\$40,158.00	Includes tinted glass.
0060-LGU	LARGE UTILITY VEHICLES: UTILITY, 4-DOOR, 5-6 PASSENGER, FULL SIZE, ALTERNATIVE FUEL	2021	CHEVROLET	TAHOE (CC15706)	Todd Wenzel Chevrolet	\$37,383.00	Includes tinted glass.
0061-LGU	LARGE UTILITY VEHICLES: UTILITY VEHICLE, 6 PASSENGER, HALF TON, ALTERNATIVE FUEL	2021	CHEVROLET	SUBURBAN (CC15906)	Todd Wenzel Chevrolet	\$39,908.00	Includes tinted glass.
0073A-4WDL	LIGHT DUTY TRUCK 4x4: PICK UP BODY, EXTENDED CAB ALTERNATIVE FUEL (6	2021	CHEVROLET	SILVERADO (CK10753)	Todd Wenzel Chevrolet	\$29,310.00	
0101-MDT	MEDIUM DUTY TRUCK: CAB AND CHASSIS G.V.W.R. 10,000 lbs. min.,	2021	CHEVROLET	SILVERADO (CC31003)	Todd Wenzel Chevrolet	\$26,498.00	
0121A-VAN	VANS: CARGO VAN BODY ALTERNATIVE FUEL (Payload 1,700 lbs., min.)	2021	CHEVROLET	EXPRESS (CG23405)	Todd Wenzel Chevrolet	\$22,843.00	
0121-VAN	VANS: CARGO VAN BODY (Payload 1,700 lbs., min.)	2021	CHEVROLET	EXPRESS (CG23405)	Todd Wenzel Chevrolet	\$21,959.00	
0123-VAN	VANS: VAN, 12 PASSENGER (Payload 2,649 lbs., min.)	2021	CHEVROLET	EXPRESS CG23406	Todd Wenzel Chevrolet	\$26,385.00	
0124A-VAN	VANS: CARGO VAN BODY, THREE-QUARTER TON ALTERNATIVE	2021	CHEVROLET	EXPRESS (CG23405)	Todd Wenzel Chevrolet	\$24,120.00	
0124-VAN	VANS: CARGO VAN BODY, THREE-QUARTER TON (Payload 3,100 lbs., min.)	2021	CHEVROLET	EXPRESS (CG23405)	Todd Wenzel Chevrolet	\$24,120.00	
0125A-VAN	VANS: CARGO VAN BODY, ONE TON ALTERNATIVE FUEL (Payload 3,900 lbs., min.)	2021	CHEVROLET	EXPRESS (CG33405)	Todd Wenzel Chevrolet	\$26,685.00	
0125-VAN	VANS: CARGO VAN BODY, ONE TON (Payload 3,900 lbs., min.)	2021	CHEVROLET	EXPRESS (CG33405)	Todd Wenzel Chevrolet	\$26,685.00	
0126A-VAN	VANS: VAN 15 PASSENGER ALTERNATIVE FUEL	2021	CHEVROLET	EXPRESS (CG33706)	Todd Wenzel Chevrolet	\$29,770.00	
0126-VAN	VANS: VAN 15 PASSENGER	2021	CHEVROLET	EXPRESS (CG33706)	Todd Wenzel Chevrolet	\$28,785.00	



STATE OF MICHIGAN
CENTRAL PROCUREMENT SERVICES
 Department of Technology, Management, and Budget
 525 W. ALLEGAN ST., LANSING, MICHIGAN 48913
 P.O. BOX 30026 LANSING, MICHIGAN 48909

CONTRACT CHANGE NOTICE

Change Notice Number 2

to

Contract Number 071B7700178

CONTRACTOR	TODD WENZEL CHEVROLET
	3156 Highland Dr. , Po Box 310
	Hudsonville, MI 49426
	Albert Li
	734-721-1144 4265
	ali@toddwenzel.com
	CV0127388

STATE	Program Manager	Scott Poyer	SW
		517-284-6448	
		poyers@Michigan.gov	
	Contract Administrator	Yvon Dufour	DTMB
		(517) 249-0455	
		dufoury@michigan.gov	

CONTRACT SUMMARY				
VEHICLES - PATROL, PASSENGER, TRUCKS AND VANS				
INITIAL EFFECTIVE DATE	INITIAL EXPIRATION DATE	INITIAL AVAILABLE OPTIONS	EXPIRATION DATE BEFORE	
August 1, 2017	November 30, 2022	1 - 2 Year	November 30, 2022	
PAYMENT TERMS		DELIVERY TIMEFRAME		
ALTERNATE PAYMENT OPTIONS			EXTENDED PURCHASING	
<input type="checkbox"/> P-Card <input type="checkbox"/> PRC <input type="checkbox"/> Other			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
MINIMUM DELIVERY REQUIREMENTS				
DESCRIPTION OF CHANGE NOTICE				
OPTION	LENGTH OF OPTION	EXTENSION	LENGTH OF EXTENSION	REVISED EXP. DATE
<input type="checkbox"/>		<input type="checkbox"/>		November 30, 2022
CURRENT VALUE	VALUE OF CHANGE NOTICE	ESTIMATED AGGREGATE CONTRACT VALUE		
\$250,001.00	\$0.00	\$250,001.00		
DESCRIPTION				
Effective November 15, 2019, the following amendment is hereby incorporated into the contract. 2020 Model Year Pricing Award per Schedule D Pricing (attached). All other terms, conditions, specifications and pricing remain the same. Per DTMB agreement, and DTMB Procurement approval.				

Spec #	DESCRIPTION	Year	Make	Model	Awarded Dealer	MDOT \$	Notes
0073A-4WDL	LIGHT DUTY TRUCK 4x4: PICK UP BODY, EXTENDED CAB ALTERNATIVE FUEL (6 Foot Box) (Payload 1,300 lbs., min.)	2020	CHEVROLET	SILVERADO (CK10753)	Todd Wenzel Chevrolet	\$29,310.00	
0101-MDT	MEDIUM DUTY TRUCK: CAB AND CHASSIS G.V.W.R. 10,000 lbs. min., (Payload 4,700 lb. min.)	2020	CHEVROLET	SILVERADO (CC31003)	Todd Wenzel Chevrolet	\$26,498.00	
0121A-VAN	VANS: CARGO VAN BODY ALTERNATIVE FUEL (Payload 1,700 lbs., min.)	2020	CHEVROLET	EXPRESS (CG23405)	Todd Wenzel Chevrolet	\$22,843.00	
0121-VAN	VANS: CARGO VAN BODY (Payload 1,700 lbs., min.)	2020	CHEVROLET	EXPRESS (CG23405)	Todd Wenzel Chevrolet	\$21,959.00	
0123A-VAN	VANS: VAN, 12 PASSENGER ALTERNATIVE FUEL (Payload 2,649 lbs., min.)	2020	CHEVROLET	EXPRESS (CG23406)	Todd Wenzel Chevrolet	\$27,078.00	
0123-VAN	VANS: VAN, 12 PASSENGER (Payload 2,649 lbs., min.)	2020	CHEVROLET	EXPRESS CG23406	Todd Wenzel Chevrolet	\$26,133.00	
0124A-VAN	VANS: CARGO VAN BODY, THREE-QUARTER TON ALTERNATIVE FUEL (Payload 3,100 lbs., min.)	2020	CHEVROLET	EXPRESS (CG23405)	Todd Wenzel Chevrolet	\$24,120.00	
0124-VAN	VANS: CARGO VAN BODY, THREE-QUARTER TON (Payload 3,100 lbs., min.)	2020	CHEVROLET	EXPRESS (CG23405)	Todd Wenzel Chevrolet	\$24,120.00	
0125A-VAN	VANS: CARGO VAN BODY, ONE TON ALTERNATIVE FUEL (Payload 3,900 lbs., min.)	2020	CHEVROLET	EXPRESS (CG33405)	Todd Wenzel Chevrolet	\$26,685.00	
0125-VAN	VANS: CARGO VAN BODY, ONE TON (Payload 3,900 lbs., min.)	2020	CHEVROLET	EXPRESS (CG33405)	Todd Wenzel Chevrolet	\$26,685.00	
0126A-VAN	VANS: VAN 15 PASSENGER ALTERNATIVE FUEL	2020	CHEVROLET	EXPRESS (CG33706)	Todd Wenzel Chevrolet	\$29,770.00	
0126-VAN	VANS: VAN 15 PASSENGER	2020	CHEVROLET	EXPRESS (CG33706)	Todd Wenzel Chevrolet	\$28,785.00	

Spec #	DESCRIPTION	Year	Make	Model	Awarded Dealer	MI Deal \$	Delivery Fee (Per mile)	Notes
1005-POL	Police - Silverado 1500 4WD WT Crew Cab 147" with SSP (5W4)	2020	CHEVROLET	Silverado 1500 (CK10543)	Todd Wenzel Chevrolet	\$28,183.00	\$1.25	
1007-POL	Police - Silverado 1500 4WD WT Crew Cab 157" with SSP (5W4)	2020	CHEVROLET	Silverado 1500 (CK10743)	Todd Wenzel Chevrolet	\$28,465.00	\$1.25	
0077D-4WDL	LIGHT DUTY TRUCK 4x4: PICK UP BODY, EXTENDED CAB, DIESEL (6 Foot Box) (Payload 2,500 lbs., min.)	2020	CHEVROLET	SILVERADO (CK20753)	Todd Wenzel Chevrolet	\$36,805.00	\$1.25	
0078-4WDL	LIGHT DUTY TRUCK 4x4: PICK UP BODY 8 FT. Box (Payload 2,800 lbs., min.)	2020	CHEVROLET	SILVERADO (CK20903)	Todd Wenzel Chevrolet	\$26,700.00	\$1.25	



STATE OF MICHIGAN
ENTERPRISE PROCUREMENT
 Department of Technology, Management, and Budget
 525 W. ALLEGAN ST., LANSING, MICHIGAN 48913
 P.O. BOX 30026 LANSING, MICHIGAN 48909

CONTRACT CHANGE NOTICE

Change Notice Number 1
 to
 Contract Number 071B7700178

CONTRACTOR	Todd Wenzel Chevrolet
	3156 Highland Dr.
	Hudsonville, MI 49426
	Albert Li
	734-721-1144 4265
	ali@toddwenzel.com
	*****6745

STATE	Program Manager	Scott Poyer	SW
		517-284-6448	
		poyers@Michigan.gov	
	Contract Administrator	Yvon Dufour	DTMB
		(517) 284-6996	
		dufoury@michigan.gov	

CONTRACT SUMMARY

VEHICLES - PATROL, PASSENGER, TRUCKS AND VANS

INITIAL EFFECTIVE DATE	INITIAL EXPIRATION DATE	INITIAL AVAILABLE OPTIONS	EXPIRATION DATE BEFORE CHANGE(S) NOTED BELOW
August 1, 2017	November 30, 2022	1 - 2 Year	November 30, 2022

PAYMENT TERMS	DELIVERY TIMEFRAME
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ALTERNATE PAYMENT OPTIONS	EXTENDED PURCHASING
<input type="checkbox"/> P-Card <input type="checkbox"/> Direct Voucher (DV) <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

MINIMUM DELIVERY REQUIREMENTS

DESCRIPTION OF CHANGE NOTICE

OPTION	LENGTH OF OPTION	EXTENSION	LENGTH OF EXTENSION	REVISED EXP. DATE
<input type="checkbox"/>		<input type="checkbox"/>		November 30, 2022

CURRENT VALUE	VALUE OF CHANGE NOTICE	ESTIMATED AGGREGATE CONTRACT VALUE
\$1.00	\$250,000.00	\$250,001.00

DESCRIPTION

Effective 10/01/2017, this contract is hereby increased by \$250,000. In addition, the 2018 model year pricing is awarded per Schedule D - Pricing. All other terms, conditions, specifications and pricing remain the same. Per agency agreement, and DTMB Procurement approval.

SCHEDULE D - PRICING

Spec #	Description	MY	Make	Model	Awarded Dealer	MDOT Price
VAN-0121	VANS: CARGO VAN BODY (Payload 1,700 lbs., min.)	2018	Chevrolet	CHEVROLET EXPRESS CG23405	Todd Wenzel Chevrolet	\$21,959.00
VAN-0121A	VANS: CARGO VAN BODY ALTERNATIVE FUEL (Payload 1,700 lbs., min.)	2018	Chevrolet	CHEVROLET EXPRESS CG23405	Todd Wenzel Chevrolet	\$22,843.00
VAN-0123	VANS: VAN, 12 PASSENGER (Payload 2,649 lbs., min.)	2018	Chevrolet	CHEVROLET EXPRESS CG23406	Todd Wenzel Chevrolet	\$26,133.00
VAN-0123A	VANS: VAN, 12 PASSENGER ALTERNATIVE FUEL (Payload 2,649 lbs., min.)	2018	Chevrolet	CHEVROLET EXPRESS CG23406	Todd Wenzel Chevrolet	\$27,078.00
VAN-0124A	VANS: CARGO VAN BODY, THREE-QUARTER TON ALTERNATIVE FUEL (Payload 3,100 lbs., min.)	2018	Chevrolet	CHEVROLET EXPRESS CG23405	Todd Wenzel Chevrolet	\$24,120.00
VAN-0125A	VANS: CARGO VAN BODY, ONE TON ALTERNATIVE FUEL (Payload 3,900 lbs., min.)	2018	Chevrolet	CHEVROLET EXPRESS CG33405	Todd Wenzel Chevrolet	\$26,685.00
VAN-0126	VANS: VAN 15 PASSENGER	2018	Chevrolet	CHEVROLET EXPRESS CG33706	Todd Wenzel Chevrolet	\$28,785.00
VAN-0126A	VANS: VAN 15 PASSENGER ALTERNATIVE FUEL	2018	Chevrolet	CHEVROLET EXPRESS CG33706	Todd Wenzel Chevrolet	\$29,770.00



STATE OF MICHIGAN ENTERPRISE PROCUREMENT

Department of Technology, Management & Budget
525 W. Allegan Street Lansing, MI 48933
P.O. Box 30026 Lansing, MI 48909

NOTICE OF CONTRACT

NOTICE OF CONTRACT NO. **071B7700178**
between
THE STATE OF MICHIGAN
and

CONTRACTOR	Todd Wenzel Chevrolet
	3156 Highland Dr., PO Box 310
	Hudsonville, MI 49426
	Albert Li
	(734) 721-1144 ext. 4265
	ali@toddwenzel.com
	6745

STATE	Program Manager	Scott Poyer	MDOT
		(517) 284-6448	
	poyers@michigan.gov		
	Contract Administrator	Yvon Dufour	DTMB
(517) 284-6996			
dufoury@michigan.gov			

CONTRACT SUMMARY			
DESCRIPTION: Vehicles – Patrol, Passenger, Trucks, and Vans			
INITIAL EFFECTIVE DATE	INITIAL EXPIRATION DATE	INITIAL AVAILABLE OPTIONS	EXPIRATION DATE BEFORE CHANGE(S) NOTED BELOW
August 1, 2017	November 30, 2022	One, 2 year option	November 30, 2022
PAYMENT TERMS		DELIVERY TIMEFRAME	
Net 45		90-120 Calendar Days	
ALTERNATE PAYMENT OPTIONS			EXTENDED PURCHASING
<input type="checkbox"/> P-card <input type="checkbox"/> Direct Voucher (DV) <input type="checkbox"/> Other			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
MINIMUM DELIVERY REQUIREMENTS			
MISCELLANEOUS INFORMATION			
ESTIMATED CONTRACT VALUE AT TIME OF EXECUTION			\$1.00

FOR THE CONTRACTOR:

Todd Wenzel Chevrolet

Company Name

Authorized Agent Signature

Authorized Agent (Print or Type)

Date

FOR THE STATE:

Signature

Yvon Dufour – Senior Category Analyst

Name & Title

DTMB Procurement – Commodities

Agency

Date



STATE OF MICHIGAN

STANDARD CONTRACT TERMS

This STANDARD CONTRACT (“**Contract**”) is agreed to between the State of Michigan (the “**State**”) and Todd Wenzel Chevrolet (“**Contractor**”), a Delaware Corporation. This Contract is effective on August 1, 2017 (“**Effective Date**”), and unless terminated, expires on November 30, 2022.

This Contract may be renewed for up to one additional two-year period(s). Renewal must be by written agreement of the parties and will automatically extend the Term of this Contract.

The parties agree as follows:

1. **Duties of Contractor.** Contractor must perform the services and provide the deliverables described in **Schedule 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 Schedule 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:
<i>Yvon Dufour 525 W. Allegan, Constitution Hall, 1st Floor NE Lansing, MI 48933 dufoury@michigan.gov (517) 284-6996</i>	Albert Li 3156 Highland Dr. PO Box 310 Hudsonville, MI 49426 ali@toddwenzel.com (734) 721-1144 ext. 4265 Cell: (734) 637-6643

3. **Contract Administrator.** The Contract Administrator for each party is the only person authorized to modify any terms of this Contract, and approve and execute any change under this Contract (each a “**Contract Administrator**”):

State: Yvon Dufour 525 W. Allegan, Constitution Hall, 1 st Floor NE Lansing, MI 48933 dufoury@michigan.gov (517) 284-6996	Contractor: Albert Li 3156 Highland Dr. PO Box 310 Hudsonville, MI 49426 ali@toddwenzel.com (734) 721-1144 ext. 4265 Cell: (734) 637-6643
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4. **Program Manager.** The Program Manager for each party will monitor and coordinate the day-to-day activities of the Contract (each a “**Program Manager**”):

State: Scott Poyer poyers@michigan.gov (517) 284-6448	Contractor: Albert Li 3156 Highland Dr. PO Box 310 Hudsonville, MI 49426 ali@toddwenzel.com (734) 721-1144 ext. 4265 Cell: (734) 637-6643
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5. **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 Schedule A) if, in the opinion of the State, it will ensure performance of the Contract.
6. **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 a company with an A.M. Best rating of "A" or better, and a financial size of VII or better.

Required Limits	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 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 0.
Umbrella or Excess Liability Insurance	
<u>Minimal Limits:</u> \$5,000,000 General Aggregate	Contractor must have their policy endorsed to add “the State of Michigan, its departments, divisions, agencies, offices, commissions, officers, employees, and agents” as additional insureds.
Automobile Liability Insurance	
<u>Minimal Limits:</u> \$1,000,000 Per 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; and (2) include Hired and Non-Owned Automobile coverage.
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> \$500,000 Each Accident \$500,000 Each Employee by Disease \$500,000 Aggregate Disease.	

If any of the required policies provide **claims-made** coverage, the Contractor must: (a) provide coverage with a retroactive date before the effective date of the contract or the beginning of Contract Activities; (b) maintain coverage and provide evidence of coverage for at least three (3) years after completion of the Contract Activities; and (c) if coverage is canceled or not renewed, and not replaced with another claims-made policy form with a retroactive date prior to the contract effective date, Contractor must purchase extended reporting coverage for a minimum of three (3) years after completion of work.

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.

This Section is not intended to and is not be construed in any manner as waiving, restricting or limiting the liability of either party for any obligations under this Contract (including any provisions hereof requiring Contractor to indemnify, defend and hold harmless the State).

7. **Administrative Fee and Reporting.** Contractor must pay an administrative fee of 1% on the total unit cost of each vehicle purchased. This cost would include Page A or page B standard equipment and any additional options or MDOT options listed in each specification. Options added by the purchaser shall not be subject to the fee. The administrative fee shall be paid for all purchases made to Contractor under the Contract including transactions with the State (including its departments, divisions, agencies, offices, and commissions), MiDEAL members, and other states (including governmental subdivisions and authorized entities). Administrative fee payments must be made by check payable to the State of Michigan and mailed to:

Department of Technology, Management and Budget
Cashiering
P.O. Box 30681
Lansing, MI 48909

Contractor must submit an itemized purchasing activity report, which includes at a minimum, the name of the purchasing entity and the total dollar volume in sales. Reports should be mailed to DTMB-Procurement.

The administrative fee and purchasing activity report are due within 30 calendar days from the last day of each calendar quarter.

8. **Extended Purchasing Program.** This contract is extended to MiDEAL members. MiDEAL members include local units of government, school districts, universities, community colleges, and nonprofit hospitals. A current list of MiDEAL members is available at www.michigan.gov/mideal. Upon written agreement between the State and Contractor, this contract may also be extended to: (a) State of Michigan employees and (b) other states (including governmental subdivisions and authorized entities).

If extended, Contractor must supply all Contract Activities at the established Contract prices and terms. The State reserves the right to impose an administrative fee and negotiate additional discounts based on any increased volume generated by such extensions.

Contractor must submit invoices to, and receive payment from, extended purchasing program members on a direct and individual basis.

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 and provide all necessary documentation and signatures.
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 Schedule 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 Schedule 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.** Contractor must deliver all Contract Activities F.O.B. destination, within the State premises with transportation and handling charges paid by Contractor, unless otherwise specified in Schedule A. All containers and packaging becomes the State's exclusive property upon acceptance.
18. **Risk of Loss and Title.** Until final acceptance, title and risk of loss or damage to Contract Activities remains with Contractor. Contractor is responsible for filing, processing, and collecting all damage claims. The State will record and report to Contractor any evidence of visible damage. If the State rejects the Contract Activities, Contractor must remove them from the premises within 10 calendar days after notification of rejection. The risk of loss of rejected or non-conforming Contract Activities remains with Contractor. Rejected Contract Activities not removed by Contractor within 10 calendar days will be deemed abandoned by Contractor, and the State will have the right to dispose of it as its own property. Contractor must reimburse the State for costs and expenses incurred in storing or effecting removal or disposition of rejected Contract Activities.
19. **Warranty Period.** The warranty period, if applicable, for Contract Activities is a fixed period commencing on the date specified in Schedule A. If the Contract Activities do not function as warranted during the warranty period the State may return such non-conforming Contract Activities to the Contractor for a full refund.
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 Schedule 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 Services purchased under this Agreement are for the State's exclusive use. Notwithstanding the foregoing, all prices are inclusive of taxes, and Contractor is responsible for all sales, use and excise taxes, and any other similar taxes, duties and charges of any kind imposed by any federal, state, or local governmental entity on any amounts payable by the State under this Contract.

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. **Liquidated Damages** Liquidated damages, if applicable, will be assessed as described in Schedule A.
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 90 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 Confidential Information is not feasible, such party must destroy the 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 4 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. **Reserved.**
42. **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.
43. **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.
44. **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.

45. **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.
46. **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.
47. **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.
48. **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.
49. **Website Incorporation.** The State is not bound by any content on Contractor's website unless expressly incorporated directly into this Contract.
50. **Order of Precedence.** In the event of a conflict between the terms and conditions of the Contract, the schedules, a purchase order, or an amendment, the order of precedence is: (a) the purchase order; (b) the amendment; (c) Schedule A; (d) any other schedules; and (e) the Contract.
51. **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.
52. **Waiver.** Failure to enforce any provision of this Contract will not constitute a waiver.
53. **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.
54. **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. 071B7700178
Vehicles – Patrol, Passenger, Trucks, and Vans

SCHEDULE A STATEMENT OF WORK CONTRACT ACTIVITIES

The schedule identifies the requirements of this Contract. This contract includes new purchases for vehicles consisting of, patrol, passenger, trucks, and vans resulting from this solicitation.

The Contractor must provide deliverables, including the staffing to accomplish all service incidentals necessary to complete the work, as set forth in this contract.

Requirement
<p>1. Specifications</p> <p>1.1 The Contractor must provide the following:</p> <p>A. Patrol, Passenger, Trucks, and Vans per Schedule B - Specifications.</p> <p>All vehicles to be furnished hereunder shall conform to the attached specifications (Schedule B – Specifications). At the time of annual bid pricing, the contractor shall include a list of designated exceptions to specifications If equipment does not fully comply with specifications. When no statement of exception is indicated, conformance to specifications will be required. Exceptions must be registered with the item number(s) to which it applies and list the description of equipment involved. This information shall be submitted electronically with the bid submittal. The State reserves the right to accept or reject exceptions to the specification.</p> <p>B. New Equipment</p> <p>All vehicles must be new and of the manufacturer's current models in production at the time of order. All standard or optional equipment to be included shall be as advertised by the manufacturer (OEM) and factory installed and shall not consist of substitute or after-market equipment. Equipment not available from the factory may be dealer installed, in compliance with specifications.</p> <p>C. Options</p> <p>The Contractor shall provide options for vehicles at the lowest price available to all ordering entities. Pricing for options shall be regulated by published Kelly blue book www.kbb.com pricing, and shall not be greater than quoted KBB "Invoice" pricing.</p>
<p>1.2 Warranties</p> <p>All vehicles purchased on this contract will be covered at a minimum by the same manufacturer's vehicle warranty as is provided to retail customers. The Contractor will be responsible for all materials and accessories used in the vehicle, whether the same is ready made or from an outside source; and <u>this responsibility may not be</u> transferred, conveyed, assigned to any other person, company, corporation or entity without the previous written approval of the State.</p> <p>Extension of warranty and or other policy adjustments will be considered when constant maintenance is required or if replacement parts prove unsound. The State of Michigan shall expect the manufacturer to have an adequate stock of replacement parts available to service State of Michigan, and Extended Purchasing Participants vehicles, and to make delivery of all replacement parts to their dealers who may service the State of Michigan, and Extended Purchasing Participants vehicles, within a reasonable time. The prime Contractor will be required to contact the State of Michigan and Extended Purchasing Participants within ten (10) days after receipt of a contract release or purchase order, to arrange procedures concerning the implementation of warranty claims and to designate personnel to handle claims.</p>

1.3 Recall Requirements and Procedures

The Contractor shall notify the State and/or the ordering entity within 48 hours of a recall notice.

2. Service Levels

2.1 Time Frames

Delivery shall be within:

- 90-120 calendar days after receipt of the order for vehicles.

The Contractor and the State, or Ordering Entity, may mutually agree upon alternate schedules in writing. Deviations from the agreed upon schedule exceeding seven (7) calendar days shall be subject to section 10, Invoice Credits.

2.2 Training

The dealer shall provide access for State and Ordering Entity mechanics to all on-line service and repair information including service bulletins for all vehicles purchased. The dealer shall provide access for State and Ordering Entity mechanics to service and repair training for the models purchased. Training shall be similar to the training offered to dealership mechanics.

2.3 Reporting

The State reserves the right to request reports from the Contractor.

2.4 Documents

Contractor shall submit the following documents at the time of delivery:

- a) Owner's/Operator's manual for vehicle and all add-on equipment.
- b) Warranty papers for chassis, body, and additional equipment if applicable.
- c) Maintenance manual(s).

2.5 Meetings

The State may request a kick-off meeting with the Contractor within thirty (30) days of the Effective Date. The State may request other meetings, as it deems appropriate.

3. Staffing

3.1 Contractor Representative

The Contractor shall appoint an individual, specifically assigned to State of Michigan accounts, that will respond to State inquiries regarding the Contract Activities, answering questions related to ordering and delivery, etc. (the "Contractor Representative").

The Contractor shall notify the Contract Administrator at least **30** calendar days before removing or assigning a new Contractor Representative.

Albert Li
(734) 721-1144 Ext. 4265
Direct: (734) 713-1065
Cell: (734) 637-6643
ali@toddwenzel.com

3.2 Customer Service Toll-Free Number

The Contractor shall specify its toll-free number for the State to make contact with the Contractor Representative. The Contractor Representative shall be available for calls during the hours of 8 am to 5 pm EST.

Albert Li
(734) 721-1144 Ext. 4265
Direct: (734) 713-1065
Cell: (734) 637-6643
ali@toddwenzel.com

3.3 Technical Support, Repairs and Maintenance

The Contractor shall specify its toll-free number (if different than above) for the State to make contact with the Contractor for technical support, repairs and maintenance. The Contractor shall be available for calls and service during the hours of 8 am to 5 pm EST.

Albert Li
(734) 721-1144 Ext. 4265
Direct: (734) 713-1065
Cell: (734) 637-6643
ali@toddwenzel.com

3.4 Disclosure of Subcontractors

If the Contractor intends to utilize subcontractors, the Contractor shall disclose the following:

The legal business name; address; telephone number; a description of subcontractor's organization and the services it will provide; and information concerning subcontractor's ability to provide the Contract Activities.

The relationship of the subcontractor to the Contractor.

Whether the Contractor has a previous working experience with the subcontractor. If yes, provide the details of that previous relationship.

A complete description of the Contract Activities that will be performed or provided by the subcontractor.

Of the total bid, the price of the subcontractor's work.

4. Pricing

4.1 Price Term

The pre-qualified pool of vendors shall bid annually on vehicles. Compliance with specifications and the lowest bid, shall govern award for vehicles by manufacturer, model category, and/or model groups. The State reserves the right to negotiate with one or more Contractors. Once vehicles are awarded, prices are fixed for one model year with an option to "roll-over" pricing for the next model years. "Model year" is defined as the current model year at the time of the bid release. Dealers are obligated to provide the vehicle at the bid price as long as that model year is produced. "Roll-over" pricing shall be upon mutual agreement between the State and the dealer. The State reserves the right to prohibit "roll-over" pricing for any reason. Vehicles that are not rolled over are included in the upcoming annual bid cycle.

4.2 Price Changes

Prices quoted are the maximum to be charged during the vehicle model year. Model year is defined as the current model year at the time of the bid release.

Dealers are obligated to provide the vehicle at the bid price as long as that model year is produced with the following exceptions:

- a) The State or Ordering Entity shall receive the benefit of any decrease in price that may occur.
- b) If changes in manufacturer standard equipment or federal regulations affect the cost of the vehicle(s) during the model year by more than one hundred-dollars (\$100), the Contractor may request a price revision to reflect the actual cost increase experienced. The request must be accompanied by evidence that the change actually affected the Contractor's cost.
- c) If the State of Michigan raises the cost of the vehicle title fees during the contract period, Contractors may request a price adjustment to reflect the actual cost increase experienced.

Changes may be either increase or decrease, and may be requested by either party. Approved changes shall be firm for the remainder of the model year, and shall take effect 30 days after authorization by Contract Change Notice. The postmark date on the Contract Release/Purchase Order shall determine prices to be charged on an order that may have been in transit prior to implementation of price revisions.

Requests for price changes shall be RECEIVED IN WRITING AT LEAST 30 DAYS PRIOR TO THEIR EFFECTIVE DATE, and are subject to written acceptance before becoming effective. In the event new prices are not acceptable, the vehicle will be added to the upcoming bid cycle, making it available for all pre-qualified dealers to submit bids. The continued payment of any charges due after September 30th of any fiscal year will be subject to the availability of an appropriation for this purpose.

5. Ordering

5.1 Authorizing Document

Orders for delivery of commodities and/or services will be issued directly by the State, or Extended Purchasing Participants, through the issuance of a Purchase Order Form referencing this contract. The Contractor is asked to reference all items per section **8.1 Invoice Requirements**.

The Contractor is only authorized to sell vehicles specifically listed on their contract within the respective model year.

Any misrepresentations, such as selling of other vehicles, could be subject to the following:

1. Submittal of an official Vendor Performance with the State.
2. Loss of award (Contractor's current awarded vehicles to be re-bid amongst other Contractors).
3. Early removal from pre-qualification.

5.2 Order Verification

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

When an item is backordered, the Contractor shall notify the State or Ordering Entity within ten (10) business days.

The Contractor shall provide an order confirmation within two (2) business days.

The Contractor shall provide a delivery timeframe within ten (10) business days.

6. Delivery

A. F.O.B. Delivered Items

Prices shall be quoted "F.O.B. Delivered" with transportation charges prepaid on all orders for State of Michigan Agencies, in the vicinity of Lansing, Michigan. Other F.O.B. terms will not be accepted and may disqualify a dealer from further consideration.

B. F.O.B. dealership Items

Prices shall be quoted "F.O.B. Dealership" with transportation charges prepaid to the primary Contractor location on all orders for Extended Purchasing Participants. Dealers must also quote a delivery cost per mile to facilitate calculation of delivery cost to various locations within Michigan. The delivery fee per vehicle for Extended Purchasing Participants shall be a maximum of \$2.50 per mile starting at the first mile. Dealers can include a lower delivery fee than \$2.50 per mile in their bid responses. The delivery cost per mile will be added to the unit cost of the vehicle unit price quoted to determine the "Total Unit Price" for "F.O.B. Dealership" items. Mileage will be calculated based upon the "Official Michigan Department of Transportation Highway Map". Other F.O.B. terms will not be accepted and may disqualify a dealer from further consideration.

C. Driver Delivery

Contractors will be permitted to drive vehicles to final destinations in compliance with the "Affidavit for Driver Delivery" attached, however, the affidavit must be completed, submitted, and in the contract file within Purchasing Operations to be applicable.

Delivery must be made between the hours of 8:00 A.M. and 4:00 P.M., Monday through Friday ONLY, excluding State Holidays. Contractors shall contact the ordering agency 48 hours prior to the scheduled delivery time and date, to obtain confirmation of staff availability.

7. Acceptance

7.1 Acceptance and Inspection

Prior to delivery, each vehicle shall be serviced and inspected by the dealer or their agent. At a minimum, this pre-delivery service and inspection shall cover the specifications listed in the State of Michigan Specifications **per Schedule B, Pre-Delivery Service**. A copy of the Contractor's inspection and service check, including the Contractor's and vehicle identification, check-off of service and inspection performed and the service manager's signature shall be furnished with each vehicle delivered. The vehicles crank case, differential and transmission shall be filled to the manufacturer's recommended capacity and the fuel tank shall have a minimum of one-fourth of a tank of fuel when the vehicle arrives at the delivery destination. The Contractor shall provide a completed odometer statement, completed RD108 application for title form, vehicle window sticker or line setting ticket, and invoice for each vehicle at the time of delivery. The vehicle shall be clean and free from defects when delivered.

Each unit shall have an initial fill of windshield washer solution with solvent giving winter protection.

The receiving State Agency and Ordering Entity have been instructed to make inspection on receipt of units and to process payment documents promptly. Payment documents, however, will be delayed if the vehicle fails to comply with specification requirements.

8. Invoice and Payment

8.1 Invoice Requirements

All invoices submitted to the State must include: (a) date; (b) contract number; (c) purchase order; (d) quantity; (e) description of the Contract Activities; (f) base vehicle unit price; (g) option unit price; (h) shipping cost (if any); and (i) total price.

8.2 MiDeal Requirements

- a) The Contractor must ensure that all purchasers are MiDEAL Members before extending the Contract pricing.
- b) The Contractor must submit quarterly reports of MiDEAL purchasing activities **(See Standard Contract Terms, section 7)**.
- c) To the extent that MiDEAL Members purchase Deliverable(s) under this Contract, the quantities of Deliverable(s) purchased will be included in determining the appropriate rate wherever tiered pricing based on quantity is provided.
- d) The Contractor shall submit invoices to and receive payment from MiDEAL Members on a direct and individual basis **(See Standard Contract Terms, section 8)**.

9. Additional Requirements

9.1 Environmental and Energy Efficient Products

The Contractor must include any relevant third-party certification, including the verification of a United States department of agriculture certified bio based product label.

The Contractor shall identify any energy efficient, bio-based, or otherwise environmental friendly products used in their products to the Program Manager (PM) 2 weeks prior to delivery.

9.2 Recycled Content and Recyclability Deliverable(s).

Without compromising performance or quality, the State prefers Deliverable(s) containing higher percentages of recycled materials. The Contractor must indicate an estimate of the percentage of recycled materials, if any, contained in each Deliverable:

- (total estimated percentage of recovered material)
- (estimated percentage of post-consumer material)
- (estimated percentage of post-industrial waste)

9.3 Hazardous Chemical Identification

In accordance with the federal Emergency Planning and Community Right-to-Know Act, 42 USC 11001, *et seq.*, as amended, the Contractor must provide a Safety Data Sheet (SDS) listing any hazardous chemicals, as defined in 40 CFR §370.2, to be delivered. Each hazardous chemical must be properly identified, including any applicable identification number, such as a National Stock Number or Special Item Number.

The Contractor must identify any hazardous chemicals that will be provided under any resulting contract.

The Contractor shall provide all current SDS to the Program Manager (PM) 2 weeks prior to delivery.

9.4 Mercury Content

Pursuant to MCL 18.1261d, mercury-free products must be procured when possible. The Contractor must explain if it intends to provide products containing mercury, the amount or concentration of mercury, and whether cost competitive alternatives exist. If a cost competitive alternative does exist, the Contractor must provide justification as to why the particular product is essential. All products containing mercury must be labeled as containing mercury.

The Contractor shall report if it intends to provide products containing mercury to the Program Manager (PM) no later than 48 hours after a purchase order is issued.

9.5 Brominated Flame Retardants

The State prefers to purchase products that do not contain brominated flame retardants (BFRs) whenever possible. The Contractor must disclose whether the products contain BFRs.

The Contractor must disclose to the Program Manager (PM) whether their products contain BFRs no later than 48 hours after a purchase order is issued.

10. Invoice Credits

Late or improper completion of the Contract Activities will cause loss and damage to the State and Extending Purchasing Participants and it would be impracticable and extremely difficult to fix the actual damage sustained by the State and/or Extending Purchasing Participants. Therefore, if there is late or improper completion of the Contract Activities, the State, and the Ordering Entity are entitled to collect invoice credits in the amount of 2/10th of 1% of the Purchase Order for each day the Contractor fails to remedy the late or improper completion of the Work.

11. Liquidated Damages

Unauthorized Removal of Key Personnel will interfere with the timely and proper completion of the Contract, to the loss and damage of the State, and it would be impracticable and extremely difficult to fix the actual damage sustained by the State. Therefore, the State may assess liquidated damages against Contractor as specified below.

The State is entitled to collect \$500 per individual per day for the removal of any Key Personnel without prior approval of the State.

The State is entitled to collect \$500 per individual per day for an unapproved or untrained key personnel replacement.



SCHEDULE B SPECIFICATION INFORMATION

Vehicles – Patrol, Passenger, Trucks, and Vans



THESE SPECIFICATIONS APPLY TO ANY CONTRACTS RESULTING FROM RFP#007117B0011312 AND WILL BE REFERRED TO IN ANNUAL BID CYCLES BEGINNING 2018 MODEL YEAR. THESE SPECIFICATIONS ARE APPLICABLE TO MODEL YEARS 2018 - 2025 UNLESS OTHERWISE SPECIFIED (subject to change).

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**STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
PROCUREMENT**

GENERAL SPECIFICATIONS

Patrol vehicle equipment options are contained within each specification contained in this document.

All vehicles must be new and of the manufacturer's current models in production at the time of delivery. All standard or optional equipment to be included shall be as advertised by the manufacturer (OEM) and factory installed and shall not consist of substitute or after-market equipment. Special Edition Pricing Packages which may limit available options are not acceptable. Optional equipment not available from the factory may be dealer installed.

The dealer's vehicle order confirmation sheet, which includes all of the standard options provided with the vehicle in accordance with the State of Michigan Specification, shall be provided at each of these steps in the process:

With dealers annual bid submittal to the State of Michigan

With original quote from the dealer to the Ordering Entity

Upon delivery of the vehicle from the dealer to the Ordering Entity

The Ordering Entity shall use as a check list when accepting the vehicle to verify all ordered options are included on the vehicle

The dealer shall indicate on the TOP of the order confirmation sheet:

- The State specification number that applies
- MDOT or Local Units of Government specification

Diesel Vehicles are indicated with a "D" at the end of the specification number.

Alternative Fuel vehicles are indicated with a "A" at the end of the specification number.

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DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
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3905-0002	Small, 4-Door Sedan, Auto. Trans.	pg. 3
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3905-0003A	Alt Fuel - 4-Door Sedan, Auto. Trans.	pg. 6
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3905-0007H-U15	Hybrid Utility Vehicle, 5-6 Passenger, Full Size, 4-Door, 2.W.D.	pg. 13
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3905-0008H-T02	Hybrid Pick-up, 6' Box, Crew Cab, 4.W.D., GVWR. 7,000 lbs. min.	pg. 18
3905-0012-CBPEA	Hybrid Vehicle: Stripped Chassis, Parallel Hybrid Electric Drive, 158" wheelbase, 14,000 lbs. min GVWR	pg. 19
3905-0012-CBPEB	Hybrid Vehicle: Stripped Chassis, Parallel Hybrid Electric Drive, 176" Wheelbase, 14,000 lbs. min GVWR	pg. 20
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3905-0010A	Police Car, Large, 4-Door Sedan, Auto. Trans., R.W.D./ A.W.D.	pg. 42
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3958-0026	Pick-Up, 8 Ft. Box, Standard Cab, Payload - 1,600 lbs., min.	pg. 124
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3958-0027	Pick-Up, 8 Ft. Box, Extended Cab, Payload - 1,400 lbs., min	pg. 126
3958-0027A	Alt Fuel - Pick-Up, 8 Ft. Box, Extended Cab, Payload - 1,400 lbs., min.	pg. 127
3958-0028	Pick-Up, 6 Ft. Box, Extended Cab, Payload – 1,400 lbs., min	pg. 128
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3958-0029D	Diesel - Pick-Up, 8 Ft. Box, Standard Cab, Payload - 3,240 lbs., min.	pg. 131
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3905-0037	12-Passenger Van, Payload - 2,649 lbs., min.	pg. 145
3905-0037A	12-Passenger Van, Payload - 2,649 lbs., min., Alt. Fuel	pg. 146
3958-0038	Utility, Ext, 6 Passenger, Three-Quarter Ton, Payload – 2,400 lbs., min	pg. 147
3958-0039	Cargo Van, Three-Quarter Ton, Payload - 3,100 lbs., min	pg. 148
3958-0039A	Cargo Van, Three-Quarter Ton, Payload - 3,100 lbs., min, Alt. Fuel	pg. 149
3958-0039T	Cargo Van, One Ton, Payload - 3,900 lbs., min	pg. 150
3958-0039TA	Cargo Van, One Ton, Payload - 3,900 lbs., min, Alt. Fuel	pg. 151
3905-0040	Van, 15-Passenger	pg. 152
3905-0040A	Van, 15-Passenger, Alt. Fuel	pg. 153
3905-0041	Van, 5 Passenger, Compact, Front Wheel Drive, Payload - 1,470 lbs., min.	pg. 154
3905-0042	Van, 7 Passenger, Compact, Front Wheel Drive, Payload - 1,100 lbs., min.	pg. 155
3905-0042A	Alt Fuel -Van, 7 Passenger, Compact, FWD, Payload - 1,100 lbs., min.	pg. 156
3958-0044	Van, Cargo, Compact, Front Wheel Drive, Payload - 1,580 lbs., min.	pg. 157
3958-0044A	Alt Fuel - Van, Cargo, Compact, FWD, Payload - 1,580 lbs., min.	pg. 158
	<u>LIGHT DUTY TRUCKS II</u>	
3958-0046	Pick-Up, 6 Ft. Box, Crew Cab, 4 Dr., SRW, Payload – 3,000 lbs., min.	pg. 159
3958-0046D	Diesel Pick-Up, 6' Box, Crew Cab, 4 Dr., SRW, Payload – 3,000 lbs., min.	pg. 160
3958-0047	Pick-Up, 8 Ft. Box, Std. Cab, DRW., Payload - 5,000 lbs., min.	pg. 161
3958-0047D	Diesel - Pick-Up, 8 Ft. Box, Std. Cab, DRW, Payload - 5,000 lbs., min.	pg. 162
3958-0048	Pick-Up, 8 Ft. Box, Std. Cab, SRW, Payload - 4,000 lbs., min.	pg. 163

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3958-0048D	Diesel - Pick-Up, 8 Ft. Box, Std. Cab, SRW, Payload - 3,800 lbs.	pg. 164
3958-0049	Pick-Up, 8 Ft. Box, Crew Cab, 4 Dr., SRW, Payload – 3,800 lbs. min.	pg. 165
3958-0049D	Diesel -Pick-Up, 8’ Box, Crew Cab, 4 Dr., SRW, Payload – 3,700 lbs. min.	pg. 166
3958-0050	Pick-Up, 8 Ft. Box, Extended Cab, 4 Dr., DRW, Payload – 3,970 lbs. min.	pg. 167
3958-0050D	Diesel - Pick-Up, 8’ Box, Ext Cab, 4 Dr., DRW, Payload – 3,700 lbs. min.	pg. 168
3958-0051	Pick-Up, 8 Ft. Box, Extended Cab, 4 Dr., SRW, Payload – 3,800 lbs. min.	pg. 169
3958-0051D	Diesel - Pick-Up, 8’ Box, Ext Cab, 4 Dr., SRW, Payload – 3,500 lbs. min.	pg. 170
<u>COMMERCIAL VANS</u>		
3905-0057	Van, Commercial, 10-Passenger, Raised Roof, Payload - 3,200 lbs., min.	pg. 171
3905-0058	Van, Commercial, Cargo, Raised Roof, Payload - 4,800 lbs., min.	pg. 172
<u>MEDIUM DUTY TRUCKS AND BODIES</u>		
3958-0072	Cab and Chassis, G.V.W.R. 10,000 lbs., Payload – 4,700 lbs. min.	pg. 173
3958-0072D	Diesel - Cab and Chassis, G.V.W.R. 12,500 lbs., Payload – 6,200 lbs. min.	pg. 174
3958-0077	Cab and Chassis, G.V.W.R 11,000 lbs min., Payload 5,500 lbs., min.	pg. 175
3958-0077D	Diesel- Cab and Chassis, G.V.W.R 11,000 lbs, Payload 5,500 lbs., min.	pg. 176
3958-0078D	Diesel - Cab and Chassis, G.V.W.R 12,500 lbs Payload 6,675 lbs., min.	pg. 177
<u>LIGHT DUTY TRUCKS AND UTILITY 4X4</u>		
3958-0083	Utility Vehicle, 4 Door, Payload 900 lbs., min.	pg. 178
3958-0083A	Alt Fuel - Utility Vehicle, 4 Door, Payload – 900 lbs., min.	pg. 179
3958-0084	Pick-Up, 7 Ft. Box, Standard Cab, Payload 1,000 lbs., min.	pg. 180
3905-0085	Utility Vehicle, 4 Door, 6 Passenger, Payload 1,480 lbs., min.	pg. 181
3958-0086	Pick-Up, 8 Ft. Box, Extended Cab, Payload - 1,300 lbs., min.	pg. 182
3958-0086A	Alt Fuel - Pick-Up, 8 Ft. Box, Extended Cab, Payload - 1,300 lbs., min.	pg. 183
3958-0087	Pick-Up, 6 Ft. Box, Extended Cab, Payload - 1,300 lbs., min.	pg. 184
3958-0087A	Alt Fuel -Pick-Up, 6 Ft. Box, Extended Cab, Payload - 1,300 lbs., min.	pg. 185
3958-0088	Pick-Up, 8 Ft. Box, Extended Cab, Payload - 2,500 lbs., min.	pg. 186
3958-0088D	Diesel - Pick-Up, 8 Ft. Box, Extended Cab, Payload - 2,350 lbs., min.	pg. 187
3958-0089	Pick-Up, 6 Ft. Box, Extended Cab, Payload - 2,500 lbs., min.	pg. 188
3958-0089D	Diesel - Pick-Up, 6 Ft. Box, Extended Cab, Payload - 2,500 lbs., min.	pg. 189
3958-0090	Pick-Up, 6 Ft. Box, Standard Cab, Payload - 1,300 lbs., min.	pg. 190
3958-0090A	Alt Fuel - Pick-Up, 6 Ft. Box, Standard Cab, Payload - 1,300 lbs., min.	pg. 191
3958-0091	Pick-Up, 8 Ft. Box, Standard Cab, Payload - 1,300 lbs., min.	pg. 192
3958-0091A	Alt Fuel - Pick-Up, 8 Ft. Box, Standard Cab, Payload - 1,300 lbs., min.	pg. 193
3958-0092	Pick-Up, 8 Ft. Box, Standard Cab, Payload – 2,800 lbs., min.	pg. 194
3958-0092D	Diesel - Pick-Up, 8 Ft. Box, Standard Cab, Payload - 2,800 lbs., min.	pg. 195
3958-0093	Cab and Chassis, G.V.W.R 10,000 lbs min., DRW	pg. 196
3958-0093D	Diesel - Cab and Chassis, G.V.W.R 10,000 lbs min., DRW	pg. 197
3905-0094	Utility Vehicle, Large, 6 – 8 Passenger, Payload - 1,500 lbs., min.	pg. 198
3905-0094A	Alt Fuel - Utility Vehicle, Large, 6 - 8 Passenger, Payload - 1,500 lbs., min.	pg. 199
<u>MEDIUM DUTY TRUCKS, 4X4</u>		
3958-0098D	Diesel - Cab and Chassis, G.V.W.R. 12,000 lbs., Payload 5,800 lbs., min.	pg. 200
3958-0099D	Diesel - Cab and Chassis, G.V.W.R. 12,500 lbs., Payload 5,930 lbs., min.	pg. 201

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PASSENGER VEHICLE EQUIPMENT (Page A)

The items listed below are to be supplied on all vehicles, even though they may be optional with the manufacturer. They have also been included in the individual specifications and are to be furnished on all vehicles:

See individual specifications for MDOT specific options.

Air Conditioning.

Battery-Maximum CCA available.

Color-Manufacturers Standard Color to be selected.

Defroster-Electric, rear window.

Floor Mats-Mfg. Std., front and rear, color coordinated.

Keys- (2) sets with code numbers; shall be with vehicle at time of delivery.

Lights, Daytime Running (If available from manufacturer as standard equipment)

Moldings-Body side; if not independently available, but available only as a portion of a package, they may be dealer installed using "original equipment" as available from the manufacturer.

Pre-delivery inspection and servicing.

Radio-AM/FM mfg. standard, factory installed.

Speed Control, factory installed

Steering-Power, Tilt Wheel.

Transmission-Automatic

Upholstery, Seats - Cloth or Cloth and Vinyl.

**ALL VEHICLES MUST BE EQUIPPED IN COMPLIANCE WITH ALL APPLICABLE
FEDERAL MOTOR VEHICLE SAFETY STANDARDS AND REGULATIONS.**

Note: No dealer advertising decals are to be on vehicle.

- **Delete: On GM vehicles, OnStar and XM radio are deleted.**

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DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
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TRUCK EQUIPMENT (Page B)

The items listed below are to be supplied on all trucks, even though they may be optional with the manufacturer. They have also been included in the individual specifications and are to be furnished on all vehicles:

See individual specifications for MDOT specific options.

12 Volt auxiliary outlet

Air Conditioning - All trucks.

Color-Manufacturers Standard to be selected.

Coolant System-Maximum Size Available, including the Heaviest Duty Radiator

Fuel Tanks, Diesel, with sending unit and magnetic drain plug, on all trucks over 21,000 G.V.W.R., painted Black and labeled "Diesel Fuel Only".

Hub caps on all pickups and vans up to and including 10,000 G.V.W.R. If not available from dealer cap nuts shall be furnished.

Keys-(2) sets with code numbers; shall be with vehicle at time of delivery. (Three sets for MDOT)

Mirrors All trucks are to be equipped with R.H. and L.H. outside rearview mirrors to comply with Michigan laws; all trucks up to and including 15,000 G.V.W.R. shall be equipped with inside rearview mirror. In all cases, outside R.H. & L.H. rear view mirrors shall be 34 sq.in. minimum, swing away type and provide full vision past all body installations. Mirrors shall be of stainless steel or high impact plastic construction unless denoted otherwise in individual truck specifications. All West Coast Type or Below Eye Level Camper Style Mirrors shall have stainless steel or high impact plastic heads, brackets, and hardware.

Paint codes: factory paint codes shall be furnished with all vehicles; for all after-market painting, both the brand and paint code shall be furnished.

Pre-delivery inspection and servicing.

Radio - AM/FM Manufacturers Standard, Factory Installed

Seats-Split Bench type, unless otherwise specified

Shock absorbers-(Heaviest Duty Available), front all trucks. Rear, up to and including 15,000 G.V.W.R.

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PROCUREMENT**

Spare tire, or Rim, not to be furnished unless specified. If specified, tires are to be of the same manufacturer, tread design to be same as front tires.

Speed Control, Factory Installed

Steering-Power, Tilt Wheel

Transmission-Automatic.

Jack-Furnish on trucks up to and including 12,000 G.V.W.R.

All items removed for installation of optional equipment shall be returned to the State of Michigan or the Ordering Entity.

TO BE EQUIPPED IN COMPLIANCE WITH ALL APPLICABLE FEDERAL MOTOR VEHICLE SAFETY STANDARDS AND REGULATIONS. ALL VEHICLES MUST BE EQUIPPED TO COMPLY WITH ALL REQUIREMENTS OF THE MICHIGAN MOTOR VEHICLE CODE.

Delete: On GM vehicles, OnStar and XM radio are deleted.

**STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
PROCUREMENT**

PRE-DELIVERY SERVICE

The term "Pre-Delivery Service and Inspection" as used in State of Michigan Specifications includes the following:

1. General appearance of body both interior and exterior for completeness and quality of workmanship.
2. Lubrication and fluid levels and correcting any leaks:
 - a. Radiator
 - b. Windshield Washer
 - c. Battery
 - d. Power steering pump
 - e. Brake master cylinder
 - f. Engine oil
 - g. Transmission fluid level.
3. Mechanical operation of vehicle:
 - a. Steering gear and linkage
 - b. Suspension assembly, front and rear
 - c. Proper tire pressure to normal rated road requirements
 - d. Hood latch
 - e. Head lights, aim and adjust
 - f. Front wheel toe in and torque wheel nuts
 - g. Seat and shoulder belts operative
 - h. All locks and latches to be operative
 - i. Windshield wiper and washer to be operative
 - j. Proper adjustment to all drive belts
4. A check of all electrical operations to include: headlights, side marker lights, temperature, alternator, oil pressure lights, parking lights, stop and tail lights, directional signals, emergency flasher and parking brake lights.
5. **Miscellaneous items to be furnished:**
 - a. Manufacturers Window Sticker shall not be removed from vehicle.
 - b. Odometer Certification, vehicle window sticker, or line setting ticket, and Vehicle Curb Weight at time of delivery.
 - c. Manufacturers or Dealers Pre-Delivery Check Sheet.
 - d. Vehicle shall have a minimum of one fourth ($\frac{1}{4}$) tank of Fuel when delivered.
 - e. Warranty Plate and Operators Manual(s) shall be delivered with vehicle at no cost to the State of Michigan.
 - f. Completed RD108 application for title form.
 - g. Invoice for each vehicle at the time of delivery.
 - h. Vehicle Order Confirmation Sheet.

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DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
PROCUREMENT**

6. Deliveries shall be between the hours of 8 AM and 3 PM. No Weekend or Holiday Deliveries will be accepted. Forty-eight (48) hour notice required prior to delivery.

Vehicles delivered in accordance with the Michigan specifications shall be complete, including mechanical details, general workmanship and appearance, and shall be delivered with all warranty service books and identification plate.

Failure to adhere to specifications may be reason to delay payment.

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DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
PROCUREMENT**

RECEIVING PROCEDURE

It is important that all State agencies and departments carefully inspect all vehicles prior to signing the Freight Bill. If any vehicle is received in a damaged condition of component parts or accessories are missing, a notation of the discrepancy(ies) is to be made on the Freight Bill and then be signed by the driver who delivered the vehicles. A Complaint to Vendor Form should be initiated and sent to the Contractor at once noting discrepancies. Failure to note obvious deficiencies at time of delivery on the Freight Bill may place the burden of repair on the Ordering Entity

It is recommended that the following items be checked by the Ordering Entity prior to signing the Freight Bill:

1. Visually inspect exterior of vehicle for paint, body, tire, tail light, antenna, outside rear view mirror and molding damage.
2. Visually inspect under hood for the following items:
 - a. Air cleaner
 - b. Battery and caps
 - c. Radiator cap
 - d. Windshield washer container.
3. Check for cracked or broken windows.
4. Check trunk compartment for the following:
 - a. Spare tire and wheel
 - b. Jack
 - c. Wheel wrench
 - d. Four hub caps
 - e. Trunk mat.
5. Check interior of vehicle for the following items:
 - a. Owner's manual and warranty material
 - b. Cigarette lighter
 - c. Two sets of keys (Three sets for MDOT)
 - d. Make sure all seat belts are installed
 - e. Sun visors
 - f. Upholstery damage or excessive soil.

It is the responsibility of the Ordering Entity to check for any other items that could possibly have been missing in accordance with the purchase order, specification data, and the dealer's vehicle order confirmation sheet.

SPECIFICATIONS FOR SUBCLASSES

Mich. Spec. # **3905-0001**

PASSENGER VEHICLES: 4-DOOR SEDAN, SUBCOMPACT (Front Wheel Drive)
Automatic Transmission

MODEL-2018 CURRENT NEW

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL MICHIGAN DEPARTMENT OF TRANSPORTATION (MDOT)
OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and shall be included on all MDOT passenger vehicles.

- | | |
|---|--|
| ✓ | Camera; rearview (in dash monitor) |
| ✓ | Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery |
| ✓ | Locks; power with remote |
| ✓ | Lug wrench and jack |
| ✓ | Radio; AM/FM w/Bluetooth |
| ✓ | Traction Control |

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DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT**

Mich. Spec. # **3905-0001B**

PASSENGER VEHICLES: 5-DOOR HATCHBACK, SUBCOMPACT (Front Wheel Drive)
Automatic Transmission

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL MICHIGAN DEPARTMENT OF TRANSPORTATION (MDOT) OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and shall be included on all MDOT passenger vehicles.

- | | |
|---|--|
| ✓ | Camera; rearview (in dash monitor) |
| ✓ | Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery |
| ✓ | Locks; power with remote |
| ✓ | Lug wrench and jack |
| ✓ | Radio; AM/FM w/Bluetooth |
| ✓ | Traction Control |

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DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT**

Mich. Spec. # **3905-0002**

PASSENGER VEHICLES: 4-DOOR SEDAN, SMALL-SIZE (Front Wheel Drive)
Automatic Transmission

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

**ADDITIONAL MICHIGAN DEPARTMENT OF TRANSPORTATION (MDOT)
OPTIONS:**

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and shall be included on all MDOT passenger vehicles.

- Camera; rearview (in dash monitor)
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Radio; AM/FM w/Bluetooth
- Traction Control

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DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT**

Mich. Spec. # **3905-0002B**

PASSENGER VEHICLES: 5-DOOR HATCHBACK, SMALL-SIZE (Front Wheel Drive)
Automatic Transmission

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL MICHIGAN DEPARTMENT OF TRANSPORTATION (MDOT) OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and shall be included on all MDOT passenger vehicles.

- | | |
|---|--|
| ✓ | Camera; rearview (in dash monitor) |
| ✓ | Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery |
| ✓ | Locks; power with remote |
| ✓ | Lug wrench and jack |
| ✓ | Radio; AM/FM w/Bluetooth |
| ✓ | Traction Control |

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DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3905-0003

PASSENGER VEHICLES: LARGE-SIZE (Front Wheel Drive)
4-Door Sedan -(Automatic Transmission)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL MICHIGAN DEPARTMENT OF TRANSPORTATION (MDOT) OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included all MDOT passenger vehicles.

- | | |
|---|--|
| ✓ | Camera; rearview (in dash monitor) |
| ✓ | Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery |
| ✓ | Locks; power with remote |
| ✓ | Lug wrench and jack |
| ✓ | Radio; AM/FM w/Bluetooth |
| ✓ | Traction Control |

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Mich. Spec. # **3905-0003A**

PASSENGER VEHICLES: LARGE-SIZE, ALTERNATIVE FUEL (Front Wheel Drive)
4-Door Sedan -(Automatic Transmission)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL MICHIGAN DEPARTMENT OF TRANSPORTATION (MDOT) OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on all MDOT passenger vehicles.

- | | |
|---|--|
| ✓ | Camera; rearview (in dash monitor) |
| ✓ | Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery |
| ✓ | Locks; power with remote |
| ✓ | Lug wrench and jack |
| ✓ | Radio; AM/FM w/Bluetooth |
| ✓ | Traction Control |

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Mich. Spec. # **3905-0004**

PASSENGER VEHICLES: MID-SIZE (Front Wheel Drive)
4-Door Sedan -(Automatic Transmission)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL MICHIGAN DEPARTMENT OF TRANSPORTATION (MDOT) OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on all MDOT passenger vehicles.

- | | |
|---|--|
| ✓ | Camera; rearview (in dash monitor) |
| ✓ | Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery |
| ✓ | Locks; power with remote |
| ✓ | Lug wrench and jack |
| ✓ | Radio; AM/FM w/Bluetooth |
| ✓ | Seats; bucket type, front |
| ✓ | Traction Control |

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Mich. Spec. # 3905-0005

PASSENGER VEHICLES: LARGE- ADMINISTRATOR SERIES
4-Door Sedan - (Automatic Transmission)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL MICHIGAN DEPARTMENT OF TRANSPORTATION (MDOT) OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on all MDOT passenger vehicles.

- | | |
|---|--|
| ✓ | Camera; rearview (in dash monitor) |
| ✓ | Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery |
| ✓ | Locks; power with remote |
| ✓ | Lug wrench and jack |
| ✓ | Radio; AM/FM w/Bluetooth |
| ✓ | Traction Control |

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Mich. Spec. # **3905-0006H-P01**

HYBRID VEHICLES: PASSENGER, MID-SIZE (Front Wheel Drive)
4-Door Sedan - (Automatic Transmission)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

**ADDITIONAL MICHIGAN DEPARTMENT OF TRANSPORTATION (MDOT)
OPTIONS:**

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on all MDOT passenger vehicles.

- | | |
|---|--|
| ✓ | Camera; rearview (in dash monitor) |
| ✓ | Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery |
| ✓ | Locks; power with remote |
| ✓ | Lug wrench and jack |
| ✓ | Radio; AM/FM w/Bluetooth |
| ✓ | Seats; bucket type, front |
| ✓ | Traction Control |

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Mich. Spec. # **3905-0006H-P02**

HYBRID VEHICLES: PASSENGER, FULL-SIZE (Front Wheel Drive)
4-Door Sedan -(Automatic Transmission)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL MICHIGAN DEPARTMENT OF TRANSPORTATION (MDOT) OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on all MDOT passenger vehicles.

- | | |
|---|--|
| ✓ | Camera; rearview (in dash monitor) |
| ✓ | Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery |
| ✓ | Locks; power with remote |
| ✓ | Lug wrench and jack |
| ✓ | Radio; AM/FM w/Bluetooth |
| ✓ | Seats; bucket type, front |
| ✓ | Traction Control |

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Mich. Spec. # **3905-0007H-U01**

HYBRID VEHICLES: MUTLI-FUNCTIONAL UTILITY VEHICLE (2-WHEEL DRIVE),
5 Passenger, 4 Door, Automatic Transmission

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

**ADDITIONAL MICHIGAN DEPARTMENT OF TRANSPORTATION (MDOT)
OPTIONS:**

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on all MDOT passenger vehicles.

- | | |
|---|--|
| ✓ | Camera; rearview (in dash monitor) |
| ✓ | Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery |
| ✓ | Locks; power with remote |
| ✓ | Lug wrench and jack |
| ✓ | Radio; AM/FM w/Bluetooth |
| ✓ | Traction Control |

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Mich. Spec. # **3905-0007H-U02**

**HYBRID VEHICLES: MUTLI-FUNCTIONAL UTILITY VEHICLE (4-WHEEL DRIVE),
5 Passenger, 4 Door, Automatic Transmission**

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

**ADDITIONAL MICHIGAN DEPARTMENT OF TRANSPORTATION (MDOT)
OPTIONS:**

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on all MDOT passenger vehicles.

- | | |
|---|--|
| ✓ | Camera; rearview (in dash monitor) |
| ✓ | Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery |
| ✓ | Locks; power with remote |
| ✓ | Lug wrench and jack |
| ✓ | Radio; AM/FM w/Bluetooth |
| ✓ | Traction Control |

**STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT**

Mich. Spec. # **3905-0007H-U15**

HYBRID VEHICLES: UTILITY, 4-DOOR, 5-6 PASSENGER, FULL SIZE (2-WHEEL
DRIVE, AUTOMATIC TRANSMISSION)
(Payload-1,500 lbs., min.)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Axle; rear-limited slip.
- Battery; 12 Volt, 600 CCA min.
- Bumper; Rear, Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Seats; Full bench front, & full width seat facing forward back of the front seat.
- Spare tire and wheel; Full size. Mfg. Std. mounting.

**ADDITIONAL MICHIGAN DEPARTMENT OF TRANSPORTATION (MDOT)
OPTIONS:**

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on all MDOT passenger vehicles.

- Camera; rearview (in dash monitor)
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Radio; AM/FM w/Bluetooth
- Traction Control

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3905-0007H-U16

HYBRID VEHICLES: UTILITY, 4-DOOR, 5-6 PASSENGER, FULL SIZE (4-WHEEL
DRIVE)

(Payload-1,500 lbs., min.)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- | | |
|---|---|
| ✓ | Axle; rear-limited slip. |
| ✓ | Battery; 12 Volt, 600 CCA min. |
| ✓ | Bumper; Rear, Mfg. Std. |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Lug wrench |
| ✓ | Seats; Full bench front, & full width seat facing forward back of the front seat. |
| ✓ | Spare tire and wheel; Full size. Mfg. Std. mounting. |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. #3905-0011-CAVEA

HYBRID VEHICLES: CUT-AWAY VAN, PARALLEL HYBRID ELECTRIC DRIVE, 158”
WHEELBASE, 14,000 LBS. MIN GVWR

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- | | |
|---|---|
| ✓ | Battery; Lithium-Ion |
| ✓ | Bumper; Rear, Mfg. Std. |
| ✓ | Engine/Motor; 5.4L FFV-V-8 Engine (Gas/E-85) / 3 Phase AC Traction (Electric) |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Lug wrench |
| ✓ | Seats; Front bucket seats – option to delete passenger seat |
| ✓ | Spare tire and wheel; Full size. Mfg. Std. mounting |
| ✓ | Wheelbase; 158”. 100” cab to axle |

**STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT**

Mich. Spec. #**3905-0011-CAVEB**

HYBRID VEHICLES: CUT-AWAY VAN, PARALLEL HYBRID ELECTRIC DRIVE, 176”
WHEELBASE, 14,000 LBS. MIN GVWR

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- | | |
|---|---|
| ✓ | Battery; Lithium-Ion |
| ✓ | Bumper; Rear, Mfg. Std. |
| ✓ | Engine/Motor; 5.4L FFV-V-8 Engine (Gas/E-85) / 3 Phase AC Traction (Electric) |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Lug wrench |
| ✓ | Seats; Front bucket seats – option to delete passenger seat |
| ✓ | Spare tire and wheel; Full size. Mfg. Std. mounting |
| ✓ | Wheelbase; 176”. 118” cab to axle |

PLEASE NOTE: This option is not available in combination with the shuttle bus body. In addition, speed control is not available for this option.

**STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT**

Mich. Spec. # **3905-0008H-T01**

HYBRID VEHICLES: LIGHT DUTY PICK-UP TRUCK, CREW CAB (2-WHEEL DRIVE)
(6' Box) (GVWR-7,000 lbs., min.)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- | | |
|---|---|
| ✓ | Axle; rear-limited slip |
| ✓ | Battery; 12 Volt, 540 CCA min. |
| ✓ | Bumper; Rear, Mfg. Std. |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Lug wrench |
| ✓ | Seats; Cloth |
| ✓ | Spare tire and wheel; Full size. Mfg. Std. mounting |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3905-0008H-T02

HYBRID VEHICLES: LIGHT DUTY PICK-UP TRUCK, CREW CAB (4-WHEEL DRIVE)
(6' Box) (GVWR-7,000 lbs., min.)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as "STANDARD FACTORY EQUIPPED" and are to be included on this vehicle.

- | | |
|---|---|
| ✓ | Axle; rear-limited slip |
| ✓ | Battery; 12 Volt, 540 CCA min. |
| ✓ | Bumper; Rear, Mfg. Std. |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Lug wrench |
| ✓ | Seats; Cloth |
| ✓ | Spare tire and wheel; Full size. Mfg. Std. mounting |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3905-0012-CBPEA

HYBRID VEHICLES: STRIPPED CHASSIS, PARALLEL HYBRID ELECTRIC DRIVE,
158" WHEELBASE, 14,000 LBS MIN GVWR

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as "STANDARD FACTORY EQUIPPED" and are to be included on this vehicle.

- | | |
|---|---|
| ✓ | Battery; Lithium-Ion |
| ✓ | Engine/Motor; 5.4L FFV-V-8 Engine (Gas/E-85) / 3 Phase AC Traction (Electric) |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Lug wrench |
| ✓ | Spare tire and wheel; Full size. Mfg. Std. mounting |
| ✓ | Wheelbase; 158" |

PLEASE NOTE: Speed Control is not available for this option.

**STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT**

Mich. Spec. # **3905-0012-CBPEB**

HYBRID VEHICLES: STRIPPED CHASSIS, PARALLEL HYBRID ELECTRIC DRIVE,
176" WHEELBASE, 14,000 LBS MIN GVWR

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as "STANDARD FACTORY EQUIPPED" and are to be included on this vehicle.

- | | |
|---|---|
| ✓ | Battery; Lithium-Ion |
| ✓ | Engine/Motor; 5.4L FFV-V-8 Engine (Gas/E-85) / 3 Phase AC Traction (Electric) |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Lug wrench |
| ✓ | Spare tire and wheel; Full size. Mfg. Std. mounting |
| ✓ | Wheelbase; 176" |

PLEASE NOTE: Speed Control is not available for this option.

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3905-0009H-CVE

ELECTRIC VEHICLES: COMPACT VAN, 5000 LBS MIN GVWR, FRONT WHEEL
DRIVE, ELECTRIC

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- | | |
|---|--|
| ✓ | Battery; Lithium-Ion. Largest available from mfg. 55-80 miles before needing recharge |
| ✓ | Door; Rear, 255 degree opening, with glass window. Sliding, no glass – option to include glass |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Lug wrench |
| ✓ | Motor; 3 Phase AC Traction (Electric) |
| ✓ | Run-flat kit |
| ✓ | Seats; Front bucket seats – no second row |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3905-0009A
Pg. 1

PATROL: POLICE CAR
4-Door Sedan
Front Wheel Drive
Construction- Monocoque (Unitized) type
Large
(120+ cubic feet volume)

MAKE

Chevrolet Impala - *E85 Capable*

BID REQUIREMENTS

Prior to bidding, a car dealer, manufacturer, or representative will be required to furnish a "police package" vehicle for test purposes. All test vehicles shall be **2018** models, which are equipped with the drive train, suspension, and brake components, as well as tires and interior appointments and instrumentation as called for in the specification requirements on all vehicles in this requisition. Submitters of vehicles shall declare in writing any deviations from the specifications at the time of delivery of these test vehicles. Interior and exterior colors shall be the manufacturer's option. One extra set of engine belts and four (4) wheels and tires shall be provided on test day for each car submitted. Test vehicles submitted shall have undergone sufficient break-in to permit extended periods of maximum acceleration and high speed driving. Brakes on the test car shall have been burnished prior to delivery.

**Test cars shall be delivered to the Vehicle and Travel Services,
State Secondary Complex, (517) 322-5000
6951 Crowner Drive, Lansing, Michigan, 48913
no later than 4 p.m., Tuesday, September 7, 2010.**

Each vehicle will be subjected to six competitive and qualification tests. Any vehicle which fails to meet the minimum standards found under the Qualification Testing section of this specification will not be considered for this bid.

The State of Michigan shall not be responsible for any damage during the tests or the condition of the vehicle when returned to the submitter after testing. Furthermore, all cars tested will be at the owner's risk for any damage occurring to the vehicles for any reason. The test vehicles will be tested and driven under the supervision of the Michigan Department of State Police by employees of the department or personnel designated by the department.

Vehicles used for testing will be available for pick up by the submitter no later than one (1) month following completion of testing.

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3905-0009A
Pg. 2

SPECIFICATION

MODEL

2018 CURRENT NEW - STANDARD FACTORY EQUIPPED:

Vehicles to be factory equipped with the following items, unless dealer installation is herein permitted.

AIR BAGS

Vehicle to be equipped with driver frontal-impact airbag, passenger frontal impact air bag, side-impact curtain roof rail airbags, and thoracic seat airbags.

AIR CONDITIONING

System must be designed to prevent component damage due to high speed driving.

ALTERNATOR

Transistorized regulator, minimum curb idle output of 110 amps at 221 degrees Fahrenheit, (at manufacturer's recommended idle speed). Shall be of heavy-duty design, capable of surviving patrol car operation. Maximum output shall be at least 130 amps at 221 degrees Fahrenheit. Output ratings are for typical summer under hood ambient temperatures measured at 221 degrees Fahrenheit and not S.A.E rating method.

ANTENNA

Vehicle to be equipped with standard AM/FM original equipment antenna embedded in glass. Mast type antenna not acceptable.

ANTIFREEZE

To be equipped with antifreeze protection to -35 degrees F minimum.

BATTERY

12 volt, minimum 720 cold cranking amps.

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3905-0009A**
Pg. 3

BODY SIDE MOLDING

Vehicle to be equipped with body side molding. Molding on front doors to be deleted, preferred. No holes to be on doors for moldings.

BRAKES

Vehicle to be equipped with power assisted four-wheel disc anti-lock brake system.

POWER PORT PREFERRED

To be located on instrument panel, wired independent of ignition system.

COOLING SYSTEM

Vehicle to have maximum size cooling system available, incorporating "coolant recovery" system.

DIFFERENTIAL

Heavy duty, final drive assembly.

ENGINE

Engine to be the largest cubic inch/liter displacement available in the model of the vehicle submitted, with specific displacement to the manufacturer's option, providing the car will meet or exceed the vehicle performance requirements in the Qualification Testing section of this specification.

FUEL SYSTEM

Fuel system shall be gasoline and/or E85 capable. System shall be able to operate at various percentages of the two fuel mixtures.

FLOOR MAT

Full floor mat, heavy-duty rubber or vinyl, front and rear.

GLASS

All windows shall be heat absorbing (tinted) type.

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3905-0009A**
Pg. 4

HEADLIGHTS

To be equipped with high and low beam quartz-halogen headlights. If vehicle is equipped with Daylight Running Lights, it must incorporate a means (switch system) to make the lights inoperable at drivers' discretion.

HOOD LATCH RELEASE

To be equipped with inside hood latch release.

KEYS

Vehicle to be equipped with eight (8) remote entry key fobs. Three (3) keys to be furnished with each car. Third key may be dealer supplied on original equipment blank only. Other key blanks may be generic copies.

LICENSE PLATE BRACKETS

Vehicle shall be equipped with manufacturer supplied front and rear license plate brackets. Dealer may install.

LIGHTS, INTERIOR

Dome light to be mounted on headliner on longitudinal centerline of vehicle approximately 25" from windshield garnish molding. Operation to be independent of other lights. Vehicle to be equipped with two, separately switched, map lights, to direct a restricted beam of light to the driver and/or the front seat passenger. Exact mounting position to be approved by the Michigan State Police. No interior light to be illuminated by open doors.

LIGHT, ENGINE & TRUNK COMPARTMENT

To be equipped with an engine and trunk compartment light controlled by body computer or ball bearing switch.

LOCKS

To be equipped with power door locks. All locks on a car to be keyed alike, different key for each car.

MIRRORS, REARVIEW (INSIDE)

Day/night type.

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3905-0009A
Pg. 5

MIRRORS, SIDEVIEW (OUTSIDE)

Remote control type, installed on left-hand and right-hand doors. Controls to be within convenient reach of driver. Rectangular design approximate size 5" x 3"; minimum viewing area of 15 square inches.

PAINT COLOR

To be same color as Dulux 93-032. Paint color code to be indicated on production code plate.

PILOT INSPECTION

On any order of 15 vehicles or more and prior to initial delivery of police vehicles, the manufacturer shall schedule a pilot model inspection in order to determine compliance with the specifications. The inspection shall be conducted at each point of vehicle assembly. The manufacturer will be responsible for all travel costs incurred for the pilot inspection.

PRE-DELIVERY SERVICE

Vehicles to undergo pre-delivery service as provided in the State of Michigan Specification Book. May be completed by dealer.

RADIO

Radio to be standard equipment model.

RADIO NOISE SUPPRESSION

Vehicle to be equipped with standard AM and police radio noise suppression package, to include any optional grounding straps. The vehicle shall not interfere with signals received or transmitted by the mobile police radio system, nor shall the vehicle be affected by the operation of a police mobile transmitter.

RADIO SPEAKER(S)

A permanent magnet speaker(s), either oval or round, to be mounted in the speaker opening(s) provided on the dash/door of the unit. Speaker(s) to be of a quality equal to automotive grade. Speaker leads connected to the speaker terminals, not grounded, shall extend three feet beyond the lower edge of the center of the dashboard, (dealer may install wiring extensions).

Two/Four Speaker Installation: Speakers to be located on left and right sides of the dashboard (preferred location) or positioned in the forward portion of the left and right hand front doors. Four speaker system to include two additional speakers installed on rear deck shelf. It is preferred voice coil impedance of all speakers combined shall equal 8 ohms, power handling capacity 10 watts, minimum.

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3905-0009A
Pg. 6

REAR WINDOW DEFOGGER

Electrical grid type. Control to be within convenient reach of driver, control switch to be clearly marked as to function.

ROOF TOP REINFORCEMENT

Preferred, install a steel plate at least 2.25 mm thick x 10" wide to the underside of top, centered on the longitudinal centerline of the roof panel. Plate is to extend from the windshield header to the first top cross-member support and is to be welded at both ends. Plate to hold roof skin in its normal position, not allowing skin to deflect if pressure is applied to top surface. The purpose of the plate is to support the overhead emergency light. **(or)** Roof top membrane support within underside of top, centered on the longitudinal centerline of the roof panel. Membrane support to hold roof skin in its normal position, not allowing skin to deflect if pressure is applied to top surface. The purpose of the membrane is to support the overhead emergency light.

SEAT ASSEMBLY, FRONT

Bucket seat type, 45/45, or 40/40, individually adjustable. The driver's seat only to be 4-way power minimum (6 or 8 way power preferred). Both seats to have heavy-duty interior construction designed for rugged police use, comfortable foam-padded seat cushions, and backs. To permit the installation of radio equipment, a minimum width of eight (8) inches is required between the bucket seats. Floor mounted shift lever with console not permitted.

SHELF

Mounted in trunk, a tray/shelf to secure radios and other equipment. May be dealer installed.

SPARE TIRE

Full size spare tire and wheel to be mounted in trunk.

SPECIAL ENGINEERING, POLICE PACKAGE

Vehicle to be equipped with the manufacturer's engineered Police Package, capable of emergency high speed vehicle operations.

SPEEDOMETER

Shall be calibrated to within ± 3 mph accuracy, 0 - 140 mph scale minimum. Analog type scale graduations to be linear and of 1 or 2 mph increments. It may be supplemented or replaced by a digital type speedometer to be in 1 mph increments.

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3905-0009A**
Pg. 7

SPOTLIGHTS

Unity ABS plastic spotlight (equipped with halogen spot lamp) to be mounted on the left-hand and right-hand "A" pillar. Left and right spotlights to be wired independent of ignition, individually fused with up to 15-amp capacity. Spotlight fuses shall be readily accessible to the driver, with location in the fuse panel preferred. Spotlights shall be factory installed if offered by the vehicle manufacturer. Any non-factory installation shall be authorized by the vehicle manufacturer. Installation to be approved by Michigan State Police.

STEERING

Power steering, manufacturer to provide steering gear which affords maximum "firm feel" and fast return characteristics designed for high speed pursuit type driving.

STEERING WHEEL

Tilt type steering wheel required. Round with anti-slip surface.

SUSPENSION SYSTEM, POLICE

To include heavy-duty springs, front and rear, in combination with heavy-duty shock absorbers, and front and rear heavy-duty stabilizer bars.

TECHNICAL SERVICE BULLETINS

Manufacturer to supply four (4) copies of all Technical Service Bulletins covering vehicles purchased under this specification. May be supplied on disc if approved by Vehicle and Travel Services.

TIRES

Tires (including spare) preferred to be Goodyear, police pursuit radials, per State of Michigan specification 5260-S1. Speed rating to meet or exceed vehicle performance capabilities. Tire to be approved by Michigan State Police.

TOOLS

Wheel wrench and jack.

TRANSMISSION

To be 3- or 4-speed, fully automatic, heaviest duty available. Must incorporate manual or electronic low gear lockout to prevent manual shifting. Transmission selector lever shall be shortest design available, to minimize intrusion of the equipment mounting area.

**STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT**

Mich. Spec. # **3905-0009A**
Pg. 8

TRIM

Front and rear bumper valances (fascias) to be color coordinated. Color to be approved by Michigan State Police.

TRUNK MAT

To be full floor.

TRUNK RELEASE, REMOTE

To be equipped with electrically operated remote control trunk release. Control to be within convenient reach of the driver, located on the right side of the steering column (in glove box not acceptable), centerline of dashboard preferred. Electric system wired independently of ignition switch (battery direct). Dealer may relocate control and/or alter factory wiring to conform with this requirement.

UPHOLSTERY, FRONT & REAR

Front seats to be upholstered in heavy-duty cloth or combination of heavy-duty cloth and vinyl (blue is preferred or dark charcoal color acceptable). Not all vinyl is acceptable. Rear bench seat to be upholstered in all vinyl.

WHEELS AND COVERS

To be heavy-duty construction, designed for police use, black in color. It is preferred wheels be equipped with hubcaps. Full wheel covers acceptable.

WINDOWS, POWER

Side windows to be electrically powered with each door having its own window control. The driver's door to have controls for all windows. Rear door power window switches to be deactivated. Rear power windows to be operable from driver's position only.

WINDSHIELD WIPERS/WASHERS

Multiple speed electric, to include intermittent feature.

WIRING, SPECIAL

Vehicle to include a 30-amp circuit breaker equipped battery feed auxiliary wire, and 30-amp circuit breaker equipped ignition feed auxiliary wire.

NOTE: No dealer advertising to be on vehicles.

QUALIFICATION TESTING

In order to qualify for bidding, all vehicles submitted by manufacturers must meet each of the following performance standards:

1. **ACCELERATION**

- 0 - 60 MPH - 9.0 seconds or less**
- 0 - 80 MPH - 14.9 seconds or less**
- 0 -100 MPH - 24.6 seconds or less**

Each vehicle will make 4 acceleration runs, and the times for the 4 runs will be averaged.

2. **TOP SPEED**

A speed of 110 mph must be attained within a distance of 4,838 feet and 120 mph within a distance of 8,985 feet. For purposes to be explained in the test booklet, the vehicle will, after attaining the 120 mph minimum be accelerated to the maximum speed attainable within 14 miles.

3. **BRAKES** (Thermal Capacity Brake Fade Test)

- a) (Minimum Universal Burnish Procedure) Prior to being transported to the test sites, all test vehicles will have the brakes burnished by MSP staff performing 10 controlled impending skid (threshold) stops from 60 mph.
- b) **Phase 1** - Test vehicles will be required to make 2 consecutive stops from 90 mph, with a constant deceleration rate of 22 feet per second² maintained from 90 to 0 mph. Immediately following this brake heat-up procedure, the vehicle will make six (6) controlled impending skid (threshold) measured stops from 60 mph.
- c) **Phase 2** - After a 4-minute wait (heat soak), the entire sequence will be repeated. The exact initial velocity at the beginning of each 60 - 0 mph decelerations, and the exact distance required to make each stop will be recorded by electronic speed and distance meters.
- d) The twelve (12) measured stops will be used to calculate the average deceleration rate, which is the vehicle's score for this test. Evidence of brake fade and ability of the vehicle to stop in a straight line within its own lane will be evaluated. A minimum of 25.79 ft/sec² average must be attained from phases (a) and (b) of 12 controlled impending skid (threshold) stops.

COMPETITIVE TEST CATEGORIES

Each vehicle to be considered for the bid will be evaluated in the following weighted categories:

<u>CATEGORY</u>	<u>CATEGORY WEIGHT</u>
Vehicle Dynamics	30 Points
Braking	25 Points
0 - 100 Acceleration	20 Points
Top-Speed	10 Points
Ergonomics/Communications	10 Points
Fuel Economy	5 Points

SCORING METHODOLOGY

Raw Score: A raw score is developed for each vehicle by testing in each of the above categories. These scores are expressed in terms of seconds, miles-per-hour, feet-per-second², points, and miles-per-gallon.

Deviation Factor: The best scoring vehicle in each test category receives a “0” as its deviation factor. The decimal equivalent of the percentage by which each of the other vehicles varies from the best score in that category is that vehicle’s deviation factor.

Weighted Category Score: Each vehicle’s weighted category score is determined by multiplying its deviation factor (as determined above) by the category weight.

Total Weighted Score: The total weighted score for each vehicle is derived by adding together the six (6) weighted category scores for that vehicle.

BID ADJUSTMENT METHODOLOGY

Bid Adjustment Figure: The bid adjustment figure will be one percent (1%) of the lowest bid price received.

Actual Dollar Adjustment: In order to determine the actual dollar amount by which each vehicle’s bid price will be adjusted, the bid adjustment figure is multiplied by that vehicle’s total weighted score.

Adjusted Bid Price: The actual dollar adjustment amount arrived at for each vehicle is then added to that vehicle’s actual bid price. The resultant figure is the adjusted bid price upon which the purchasing decision will be based.

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3905-0009B**
Pg. 1

POLICE CAR: PATROL
4-Door Sedan
Front Wheel Drive
Construction- Monocoque (Unitized) type
Large
(120+ cubic feet volume)

MAKE

Ford Police Interceptor – E85 Capable

BID REQUIREMENTS

Prior to bidding, a car dealer, manufacturer, or representative will be required to furnish a “police package” vehicle for test purposes. All test vehicles shall be **2018** models, which are equipped with the drive train, suspension, and brake components, as well as tires and interior appointments and instrumentation as called for in the specification requirements on all vehicles in this requisition. Submitters of vehicles shall declare in writing any deviations from the specifications at the time of delivery of these test vehicles. Interior and exterior colors shall be the manufacturer’s option. One extra set of engine belts and four (4) wheels and tires shall be provided on test day for each car submitted. Test vehicles submitted shall have undergone sufficient break-in to permit extended periods of maximum acceleration and high speed driving. Brakes on the test car shall have been burnished prior to delivery.

**Test cars shall be delivered to the Vehicle and Travel Services,
State Secondary Complex, (517) 322-5000
6951 Crowner Drive, Lansing, Michigan, 48913
no later than 4 p.m., Thursday, August 30, 2012.**

Each vehicle will be subjected to six competitive and qualification tests. Any vehicle which fails to meet the minimum standards found under the Qualification Testing section of this specification will not be considered for this bid.

The State of Michigan shall not be responsible for any damage during the tests or the condition of the vehicle when returned to the submitter after testing. Furthermore, all cars tested will be at the owner’s risk for any damage occurring to the vehicles for any reason. The test vehicles will be tested and driven under the supervision of the Michigan Department of State Police by employees of the department or personnel designated by the department.

Vehicles used for testing will be available for pick up by the submitter no later than one (1) month following completion of testing.

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3905-0009B**
Pg. 2

SPECIFICATION

MODEL

2018 CURRENT NEW - STANDARD FACTORY EQUIPPED:

Vehicles to be factory equipped with the following items, unless dealer installation is herein permitted.

AIR BAGS

Vehicle to be equipped with driver frontal-impact airbag, passenger frontal impact air bag, side-impact curtain roof rail airbags, and thoracic seat airbags.

AIR CONDITIONING

System must be designed to prevent component damage due to high speed driving.

ALTERNATOR

Transistorized regulator, minimum curb idle output of 110 amps at 221 degrees Fahrenheit, (at manufacturer's recommended idle speed). Shall be of heavy-duty design, capable of surviving patrol car operation. Maximum output shall be at least 130 amps at 221 degrees Fahrenheit. Output ratings are for typical summer under-hood ambient temperatures measured at 221 degrees Fahrenheit and not S.A.E rating method.

ANTENNA

Vehicle to be equipped with standard AM/FM original equipment antenna embedded in glass. Mast type antenna not acceptable.

ANTIFREEZE

To be equipped with antifreeze protection to -35 degrees F minimum.

BATTERY

12 volt, minimum 720 cold cranking amps.

BODY SIDE MOLDING

Vehicle to be equipped with body side molding. Molding on front doors to be deleted, preferred. No holes to be on doors for moldings.

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BRAKES

Vehicle to be equipped with power assisted four-wheel disc anti-lock brake system.

POWER PORT(S) PREFERRED

To be located on instrument panel, wired independent of ignition system.

COOLING SYSTEM

Vehicle to have maximum size cooling system available, incorporating “coolant recovery” system.

DIFFERENTIAL

Heavy duty, final drive assembly.

ENGINE

Engine to be the largest cubic inch/liter displacement available in the model of the vehicle submitted, with specific displacement to the manufacturer’s option, providing the car will meet or exceed the vehicle performance requirements in the Qualification Testing section of this specification.

FUEL SYSTEM

Fuel system shall be gasoline and/orE85 capable. System shall be able to operate at various percentages of the two fuel mixtures.

FLOOR MAT

Full floor mat, heavy-duty rubber or vinyl, front and rear.

GLASS

All windows shall be heat absorbing (tinted) type.

HEADLIGHTS

To be equipped with high and low beam quartz-halogen headlights. If vehicle is equipped with Daylight Running Lights, it must incorporate a means (switch system) to make the lights inoperable at drivers’ discretion.

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HOOD LATCH RELEASE

To be equipped with inside hood latch release.

IGNITION SECURITY

Vehicle must be equipped with an ignition security device. This device allows the user to leave the engine running and doors unlocked and prevent the vehicle from unauthorized use. The device can be FOB sense or key bypass type. If an unauthorized person attempts vehicle movement, the device should shut off the engine or prevent the vehicle from being shifted into gear.

KEYS

Three (3) keys to be furnished with each car. Third key may be dealer supplied on original equipment blank only. Other key blanks may be generic copies.

LICENSE PLATE BRACKETS

Vehicle shall be equipped with manufacturer supplied front and rear license plate brackets. Dealer may install.

LIGHTS, INTERIOR

Dome light to be mounted on headliner on longitudinal centerline of vehicle approximately 25" from windshield garnish molding. Operation to be independent of other lights. Vehicle to be equipped with two, separately switched, map lights, to direct a restricted beam of light to the driver and/or the front seat passenger. Exact mounting position to be approved by the Michigan State Police. No interior light to be illuminated by open doors.

LIGHT, ENGINE & TRUNK COMPARTMENT

To be equipped with an engine and trunk compartment light controlled by body computer or ball bearing switch.

LOCKS

To be equipped with power door locks. All locks on a car to be keyed alike, different key for each car.

MIRRORS, REARVIEW (INSIDE)

Day/night type.

MIRRORS, SIDEVIEW (OUTSIDE)

Remote control type, installed on left-hand and right-hand doors. Controls to be within convenient reach of driver. Rectangular design approximate size 5" x 3"; minimum viewing area of 15 square inches.

PAINT COLOR

To be same color as Dulux 93-032. Paint color code to be indicated on production code plate.

PILOT INSPECTION

On any order of 15 vehicles or more and prior to initial delivery of police vehicles, the manufacturer shall schedule a pilot model inspection in order to determine compliance with the specifications. The inspection shall be conducted at each point of vehicle assembly. The manufacturer will be responsible for all travel costs incurred for the pilot inspection.

PRE-DELIVERY SERVICE

Vehicles to undergo pre-delivery service as provided in the State of Michigan Specification Book. May be completed by dealer.

RADIO

Radio to be standard equipment model.

RADIO NOISE SUPPRESSION

Vehicle to be equipped with standard AM and police radio noise suppression package, to include any optional grounding straps. The vehicle shall not interfere with signals received or transmitted by the mobile police radio system, nor shall the vehicle be affected by the operation of a police mobile transmitter

RADIO SPEAKER(S)

A permanent magnet speaker(s), either oval or round, to be mounted in the speaker opening(s) provided on the dash/door of the unit. Speaker(s) to be of a quality equal to automotive grade. Speaker leads connected to the speaker terminals, not grounded, shall extend three feet beyond the lower edge of the center of the dashboard, (dealer may install wiring extensions).

Two/Four Speaker Installation: Speakers to be located on left and right sides of the dashboard (preferred location) or positioned in the forward portion of the left and right hand front doors. Four-speaker system to include two additional speakers installed on rear deck shelf. It is preferred voice coil impedance of all speakers combined shall equal 8 ohms, power handling capacity 10 watts, minimum.

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REAR WINDOW DEFOGGER

Electrical grid type. Control to be within convenient reach of driver, control switch to be clearly marked as to function.

ROOF TOP REINFORCEMENT

Preferred, install a steel plate at least 2.25 mm thick x 10" wide to the underside of top, centered on the longitudinal centerline of the roof panel. Plate is to extend from the windshield header to the first top cross-member support and is to be welded at both ends. Plate is to hold roof skin in its normal position, not allowing skin to deflect if pressure is applied to top surface. The purpose of the plate is to support the overhead emergency light. **(or)** Roof top membrane support within underside of top, centered on the longitudinal centerline of the roof panel. Membrane support is to hold roof skin in its normal position, not allowing skin to deflect if pressure is applied to top surface. The purpose of the membrane is to support the overhead emergency light.

SEAT ASSEMBLY, FRONT

Bucket seat type, 45/45, or 40/40, individually adjustable. The driver's seat only to be 4-way power minimum (6 or 8 way power preferred). Both seats to have heavy-duty interior construction designed for rugged police use, comfortable foam-padded seat cushions, and backs. To permit the installation of radio equipment, a minimum width of eight (8) inches is required between the bucket seats. Floor mounted shift lever with console not permitted.

SHELF

Mounted in trunk, a tray/shelf to secure radios and other equipment. May be dealer installed.

SPARE TIRE

Full size spare tire and wheel to be mounted in trunk.

SPECIAL ENGINEERING, POLICE PACKAGE

Vehicle to be equipped with the manufacturer's engineered Police Package, capable of emergency high speed vehicle operations.

SPEEDOMETER

Shall be calibrated to within ± 3 mph accuracy, 0 - 140 mph scale minimum. Analog type scale graduations are to be linear and of 1 or 2 mph increments. It may be supplemented or replaced by a digital type speedometer to be in 1 mph increments.

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SPOTLIGHTS

Unity ABS plastic spot lamps with LED lamp assembly (Whelen P46SLC) to be mounted on the left-hand and right-hand "A" pillar. Left and right spotlights are to be wired independent of ignition, individually fused with up to 15-amp capacity. Spotlight fuses shall be readily accessible to the driver, with location in the fuse panel preferred. Spotlights shall be factory installed if offered by the vehicle manufacturer. Any non-factory installation shall be authorized by the vehicle manufacturer. Installation is to be approved by Michigan State Police.

STEERING

Power steering, manufacturer to provide steering gear which affords maximum "firm feel" and fast return characteristics designed for high speed pursuit type driving.

STEERING WHEEL

Tilt type steering wheel required. Round with anti-slip surface.

SUSPENSION SYSTEM, POLICE

To include heavy-duty springs, front and rear, in combination with heavy-duty shock absorbers, and front and rear heavy-duty stabilizer bars.

TECHNICAL SERVICE BULLETINS

Technical Service Bulletins covering vehicles purchased under this specification must remain available for up to 6 years.

TIRES

Tires (including spare) preferred to be Goodyear, police pursuit radials. Speed rating to meet or exceed vehicle performance capabilities. Tire to be approved by Michigan State Police.

TOOLS

Wheel wrench and jack.

TRANSMISSION

Is to be 5 or 6 speed, fully automatic, heaviest duty available. It must incorporate manual or electronic low gear lockout to prevent manual shifting. Transmission selector lever shall be shortest design available, to minimize intrusion of the equipment mounting area.

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TRIM

Front and rear bumper valances (fascias) to be color coordinated. Color to be approved by Michigan State Police.

TRUNK MAT

To be full floor.

TRUNK RELEASE, REMOTE

To be equipped with electrically operated remote control trunk release. Control to be within convenient reach of the driver, located on the right side of the steering column (in glove box not acceptable), centerline of dashboard preferred. Electric system wired independently of ignition switch (battery direct). Dealer may relocate control and/or alter factory wiring to conform with this requirement.

UPHOLSTERY, FRONT & REAR

Front seats to be upholstered in heavy-duty cloth or combination of heavy-duty cloth and vinyl (blue is preferred or dark charcoal color acceptable). Not all vinyl is acceptable. Rear bench seat to be upholstered in all vinyl.

WHEELS AND COVERS

To be heavy-duty construction, designed for police use, black in color. It is preferred wheels be equipped with hubcaps. Full wheel covers not acceptable.

WINDOWS, POWER

Side windows to be electrically powered with each door having its own window control. The driver's door is to have controls for all windows. Rear door power window switches to be deactivated. Rear power windows to be operable from driver's position only.

WINDSHIELD WIPERS/WASHERS

Multiple speed electric, to include intermittent feature.

WIRING, SPECIAL

Vehicle to include a 30-amp circuit breaker equipped battery feed auxiliary wire, and 30-amp circuit breaker equipped ignition feed auxiliary wire.

NOTE: No dealer advertising to be on vehicles.

QUALIFICATION TESTING

In order to qualify for bidding, all vehicles submitted by manufacturers must meet each of the following performance standards:

1. **ACCELERATION**

- 0 - 60 MPH - 9.0 seconds or less
- 0 - 80 MPH - 14.9 seconds or less
- 0 -100 MPH - 24.6 seconds or less

Each vehicle will make 4 acceleration runs, and the times for the 4 runs will be averaged.

2. **TOP SPEED**

A speed of 110 mph must be attained within a distance of 4,838 feet and 120 mph within a distance of 8,985 feet. For purposes to be explained in the test booklet, the vehicle will, after attaining the 120 mph minimum be accelerated to the maximum speed attainable within 14 miles.

3. **BRAKE TEST**

- a) (Minimum Universal Burnish Procedure) Prior to being transported to the test sites, all test vehicles will have the brakes burnished by MSP staff performing 10 controlled impending skid (threshold) stops from 60 mph.
- b) **Phase 1** - The test vehicle will make ten (10) controlled impending skid (threshold) measured stops from 60 mph.
- c) **Phase2** - After a 3.2-mile cool down performed at 60 mph the entire sequence will be repeated. The exact initial velocity at the beginning of each 60 - 0 mph decelerations, and the exact distance required to make each stop will be recorded by electronic speed and distance meters.
- d) The twenty (20) measured stops will be used to calculate the average deceleration rate, which is the vehicle's score for this test. Evidence of brake fade and ability of the vehicle to stop in a straight line within its own lane will be evaluated. A minimum of 25.79 ft/sec² average must be attained from phases (a) and (b) of 20 controlled impending skid (threshold) stops.

COMPETITIVE TEST CATEGORIES

Each vehicle to be considered for the bid will be evaluated in the following weighted categories:

<u>CATEGORY</u>	<u>CATEGORY WEIGHT</u>
Vehicle Dynamics	30 Points
Braking	25 Points
0 - 100 Acceleration	20 Points
Top-Speed	10 Points
Ergonomics/Communications	10 Points
Fuel Economy	5 Points

SCORING METHODOLOGY

Raw Score: A raw score is developed for each vehicle by testing in each of the above categories. These scores are expressed in terms of seconds, miles-per-hour, feet-per-second², points, and miles-per-gallon.

Deviation Factor: The best scoring vehicle in each test category receives a “0” as its deviation factor. The decimal equivalent of the percentage by which each of the other vehicles varies from the best score in that category is that vehicle’s deviation factor.

Weighted Category Score: Each vehicle’s weighted category score is determined by multiplying its deviation factor (as determined above) by the category weight.

Total Weighted Score: The total weighted score for each vehicle is derived by adding together the six (6) weighted category scores for that vehicle.

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POLICE CAR: PATROL
4-Door Sedan
All Wheel Drive
Construction- Monocoque (Unitized) type
Large
(120+ cubic feet volume)

MAKE

Ford Police Interceptor – E85 Capable

BID REQUIREMENTS

Prior to bidding, a car dealer, manufacturer, or representative will be required to furnish a “police package” vehicle for test purposes. All test vehicles shall be **2012** models, which are equipped with the drive train, suspension, and brake components, as well as tires and interior appointments and instrumentation as called for in the specification requirements on all vehicles in this requisition. Submitters of vehicles shall declare in writing any deviations from the specifications at the time of delivery of these test vehicles. Interior and exterior colors shall be the manufacturer’s option. One extra set of engine belts and four (4) wheels and tires shall be provided on test day for each car submitted. Test vehicles submitted shall have undergone sufficient break-in to permit extended periods of maximum acceleration and high speed driving. Brakes on the test car shall have been burnished prior to delivery.

**Test cars shall be delivered to the Vehicle and Travel Services,
State Secondary Complex, (517) 322-5000
6951 Crowner Drive, Lansing, Michigan, 48913
no later than 4 p.m., Tuesday, September 6, 2018.**

Each vehicle will be subjected to six competitive and qualification tests. Any vehicle which fails to meet the minimum standards found under the Qualification Testing section of this specification will not be considered for this bid.

The State of Michigan shall not be responsible for any damage during the tests or the condition of the vehicle when returned to the submitter after testing. Furthermore, all cars tested will be at the owner’s risk for any damage occurring to the vehicles for any reason. The test vehicles will be tested and driven under the supervision of the Michigan Department of State Police by employees of the department or personnel designated by the department.

Vehicles used for testing will be available for pick up by the submitter no later than one (1) month following completion of testing.

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SPECIFICATION

MODEL

2012 CURRENT NEW - STANDARD FACTORY EQUIPPED:

Vehicles to be factory equipped with the following items, unless dealer installation is herein permitted.

AIR BAGS

Vehicle to be equipped with driver frontal-impact airbag, passenger frontal impact air bag, side-impact curtain roof rail airbags, and thoracic seat airbags.

AIR CONDITIONING

System must be designed to prevent component damage due to high speed driving.

ALTERNATOR

Transistorized regulator, minimum curb idle output of 110 amps at 221 degrees Fahrenheit, (at manufacturer's recommended idle speed). Shall be of heavy-duty design, capable of surviving patrol car operation. Maximum output shall be at least 130 amps at 221 degrees Fahrenheit. Output ratings are for typical summer under hood ambient temperatures measured at 221 degrees Fahrenheit and not S.A.E rating method.

ANTENNA

Vehicle to be equipped with standard AM/FM original equipment antenna embedded in glass. Mast type antenna not acceptable.

ANTIFREEZE

To be equipped with antifreeze protection to -35 degrees F minimum.

BATTERY

12 volt, minimum 720 cold cranking amps.

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BODY SIDE MOLDING

Vehicle to be equipped with body side molding. Molding on front doors to be deleted, preferred. No holes to be on doors for moldings.

BRAKES

Vehicle to be equipped with power assisted, four-wheel disc anti-lock brake system.

POWER PORT(S) PREFERRED

To be located on instrument panel, wired independent of ignition system.

COOLING SYSTEM

Vehicle to have maximum size cooling system available, incorporating "coolant recovery" system.

DIFFERENTIAL

Heavy duty, final drive assembly.

ENGINE

Engine to be the largest cubic inch/liter displacement available in the model of the vehicle submitted, with specific displacement to the manufacturer's option, providing the car will meet or exceed the vehicle performance requirements in the Qualification Testing section of this specification.

FUEL SYSTEM

Fuel system shall be gasoline and/or E85 capable. System shall be able to operate at various percentages of the two fuel mixtures.

FLOOR MAT

Full floor mat, heavy-duty rubber or vinyl, front and rear.

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GLASS

All windows shall be heat absorbing (tinted) type.

HEADLIGHTS

To be equipped with high and low beam quartz-halogen headlights. If vehicle is equipped with Daylight Running Lights, it must incorporate a means (switch system) to make the lights inoperable at drivers' discretion.

HOOD LATCH RELEASE

To be equipped with inside hood latch release.

KEYS

Three (3) keys to be furnished with each car. Third key may be dealer supplied on original equipment blank only. Other key blanks may be generic copies.

LICENSE PLATE BRACKETS

Vehicle shall be equipped with manufacturer supplied front and rear license plate brackets. Dealer may install.

LIGHTS, INTERIOR

Dome light to be mounted on headliner on longitudinal centerline of vehicle approximately 25" from windshield garnish molding. Operation to be independent of other lights. Vehicle to be equipped with two, separately switched, map lights, to direct a restricted beam of light to the driver and/or the front seat passenger. Exact mounting position to be approved by the Michigan State Police. No interior light to be illuminated by open doors.

LIGHT, ENGINE & TRUNK COMPARTMENT

To be equipped with an engine and trunk compartment light controlled by body computer or ball bearing switch.

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LOCKS

To be equipped with power door locks. All locks on a car to be keyed alike, different key for each car.

MIRRORS, REARVIEW (INSIDE)

Day/night type.

MIRRORS, SIDEVIEW (OUTSIDE)

Remote control type, installed on left-hand and right-hand doors. Controls to be within convenient reach of driver. Rectangular design approximate size 5" x 3"; minimum viewing area of 15 square inches.

PAINT COLOR

To be same color as Dulux 93-032. Paint color code to be indicated on production code plate.

PILOT INSPECTION

On any order of 15 vehicles or more and prior to initial delivery of police vehicles, the manufacturer shall schedule a pilot model inspection in order to determine compliance with the specifications. The inspection shall be conducted at each point of vehicle assembly. The manufacturer will be responsible for all travel costs incurred for the pilot inspection.

PRE-DELIVERY SERVICE

Vehicles to undergo pre-delivery service as provided in the State of Michigan Specification Book. May be completed by dealer.

RADIO

Radio to be standard equipment model.

RADIO NOISE SUPPRESSION

Vehicle to be equipped with standard AM and police radio noise suppression package, to include any optional grounding straps. The vehicle shall not interfere with signals received or

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transmitted by the mobile police radio system, nor shall the vehicle be affected by the operation of a police mobile transmitter.

RADIO SPEAKER(S)

A permanent magnet speaker(s), either oval or round, to be mounted in the speaker opening(s) provided on the dash/door of the unit. Speaker(s) to be of a quality equal to automotive grade. Speaker leads connected to the speaker terminals, not grounded, shall extend three feet beyond the lower edge of the center of the dashboard. (dealer may install wiring extensions).

Two/Four Speaker Installation: Speakers to be located on left and right sides of the dashboard (preferred location) or positioned in the forward portion of the left and right hand front doors. Four-speaker system to include two additional speakers installed on rear deck shelf. It is preferred voice coil impedance of all speakers combined shall equal 8 ohms, power handling capacity 10 watts, minimum.

REAR WINDOW DEFOGGER

Electrical grid type. Control to be within convenient reach of driver, control switch to be clearly marked as to function.

ROOF TOP REINFORCEMENT

Preferred, install a steel plate at least 2.25 mm thick x 10" wide to the underside of top, centered on the longitudinal centerline of the roof panel. Plate is to extend from the windshield header to the first top cross-member support and is to be welded at both ends. Plate is to hold roof skin in its normal position, not allowing skin to deflect if pressure is applied to top surface. The purpose of the plate is to support the overhead emergency light. **(or)** Roof top membrane support within underside of top, centered on the longitudinal centerline of the roof panel. Membrane support is to hold roof skin in its normal position, not allowing skin to deflect if pressure is applied to top surface. The purpose of the membrane is to support the overhead emergency light.

SEAT ASSEMBLY, FRONT

Bucket seat type, 45/45, or 40/40, individually adjustable. The driver's seat only to be 4-way power minimum (6 or 8 way power preferred). Both seats to have heavy-duty interior construction designed for rugged police use, comfortable foam-padded seat cushions, and backs. To permit the installation of radio equipment, a minimum width of eight (8) inches is required between the bucket seats. Floor mounted shift lever with console not permitted.

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SHELF

Mounted in trunk, a tray/shelf to secure radios and other equipment. May be dealer installed.

SPARE TIRE

Full size spare tire and wheel to be mounted in trunk.

SPECIAL ENGINEERING, POLICE PACKAGE

Vehicle to be equipped with the manufacturer's engineered Police Package, capable of emergency high speed vehicle operations.

SPEEDOMETER

Shall be calibrated to within ± 3 mph accuracy, 0 - 140 mph scale minimum. Analog type scale graduations are to be linear and of 1 or 2 mph increments. It may be supplemented or replaced by a digital type speedometer to be in 1 mph increments.

SPOTLIGHTS

Unity ABS plastic spot lamps with LED lamp assembly (Whelen P46SLC) to be mounted on the left-hand and right-hand "A" pillar. Left and right spotlights are to be wired independent of ignition, individually fused with up to 15 amp capacity. Spotlight fuses shall be readily accessible to the driver, with location in the fuse panel preferred. Spotlights shall be factory installed if offered by the vehicle manufacturer. Any non-factory installation shall be authorized by the vehicle manufacturer. Installation is to be approved by Michigan State Police.

STEERING

Power steering, manufacturer to provide steering gear which affords maximum "firm feel" and fast return characteristics designed for high speed pursuit type driving.

STEERING WHEEL

Tilt type steering wheel required. Round with anti-slip surface.

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SUSPENSION SYSTEM, POLICE

To include heavy-duty springs, front and rear, in combination with heavy-duty shock absorbers, and front and rear heavy-duty stabilizer bars.

TECHNICAL SERVICE BULLETINS

Technical Service Bulletins covering vehicles purchased under this specification must remain available for up to 6 years.

TIRES

Tires (including spare) preferred to be Goodyear, police pursuit radials. Speed rating to meet or exceed vehicle performance capabilities. Tire to be approved by Michigan State Police.

TOOLS

Wheel wrench and jack.

TRANSMISSION

Is to be 5 or 6 speed, fully automatic, heaviest duty available. It must incorporate manual or electronic low gear lockout to prevent manual shifting. Transmission selector lever shall be shortest design available, to minimize intrusion of the equipment mounting area.

TRIM

Front and rear bumper valances (fascias) to be color coordinated. Color to be approved by Michigan State Police.

TRUNK MAT

To be full floor.

TRUNK RELEASE, REMOTE

To be equipped with electrically operated remote control trunk release. Control to be within convenient reach of the driver, located on the right side of the steering column (in glove box not acceptable), centerline of dash board preferred. Electric system wired independently of ignition switch (battery direct). Dealer may relocate control and/or alter factory wiring to conform with this requirement.

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UPHOLSTERY, FRONT & REAR

Front seats to be upholstered in heavy-duty cloth or combination of heavy-duty cloth and vinyl (blue is preferred or dark charcoal color acceptable). Not all vinyl is acceptable. Rear bench seat to be upholstered in all vinyl.

WHEELS AND COVERS

To be heavy-duty construction, designed for police use, black in color. It is preferred wheels be equipped with hubcaps. Full wheel covers not acceptable.

WINDOWS, POWER

Side windows to be electrically powered with each door having its own window control. The driver's door is to have controls for all windows. Rear door power window switches to be deactivated. Rear power windows to be operable from driver's position only.

WINDSHIELD WIPERS/WASHERS

Multiple speed electric, to include intermittent feature.

WIRING, SPECIAL

Vehicle to include a 30-amp circuit breaker equipped battery feed auxiliary wire, and 30-amp circuit breaker equipped ignition feed auxiliary wire.

NOTE: No dealer advertising to be on vehicles.

QUALIFICATION TESTING

In order to qualify for bidding, all vehicles submitted by manufacturers must meet each of the following performance standards:

1. **ACCELERATION**

- 0 - 60 MPH - 9.0 seconds or less
- 0 - 80 MPH - 14.9 seconds or less
- 0 -100 MPH - 24.6 seconds or less

Each vehicle will make 4 acceleration runs, and the times for the 4 runs will be averaged.

2. **TOP SPEED**

A speed of 110 mph must be attained within a distance of 4,838 feet and 120 mph within a distance of 8,985 feet. For purposes to be explained in the test booklet, the vehicle will, after attaining the 120 mph minimum be accelerated to the maximum speed attainable within 14 miles.

3. **BRAKE TEST**

- a) (Minimum Universal Burnish Procedure) Prior to being transported to the test sites, all test vehicles will have the brakes burnished by MSP staff performing 10 controlled impending skid (threshold) stops from 60 mph.
- b) **Phase 1** - The test vehicle will make ten (10) controlled impending skid (threshold) measured stops from 60 mph.
- c) **Phase2** - After a 3.2-mile cool down performed at 60 mph the entire sequence will be repeated. The exact initial velocity at the beginning of each 60 - 0 mph decelerations, and the exact distance required to make each stop will be recorded by electronic speed and distance meters.
- d) The twenty (20) measured stops will be used to calculate the average deceleration rate, which is the vehicle's score for this test. Evidence of brake fade and ability of the vehicle to stop in a straight line within its own lane will be evaluated. A minimum of 25.79 ft/sec² average must be attained from phases (a) and (b) of 20 controlled impending skid (threshold) stops.

COMPETITIVE TEST CATEGORIES

Each vehicle to be considered for the bid will be evaluated in the following weighted categories:

<u>CATEGORY</u>	<u>CATEGORY WEIGHT</u>
Vehicle Dynamics	30 Points
Braking	25 Points
0 - 100 Acceleration	20 Points
Top-Speed	10 Points
Ergonomics/Communications	10 Points
Fuel Economy	5 Points

SCORING METHODOLOGY

Raw Score: A raw score is developed for each vehicle by testing in each of the above categories. These scores are expressed in terms of seconds, miles-per-hour, feet-per-second², points, and miles-per-gallon.

Deviation Factor: The best scoring vehicle in each test category receives a “0” as its deviation factor. The decimal equivalent of the percentage by which each of the other vehicles varies from the best score in that category is that vehicle’s deviation factor.

Weighted Category Score: Each vehicle’s weighted category score is determined by multiplying its deviation factor (as determined above) by the category weight.

Total Weighted Score: The total weighted score for each vehicle is derived by adding together the six (6) weighted category scores for that vehicle.

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POLICE CAR: PATROL

4-Door Sedan

All Wheel Drive

Turbo Charged

Construction- Monocoque (Unitized) type

Large

(120+ cubic feet volume)

MAKE

Ford Police Interceptor

BID REQUIREMENTS

Prior to bidding, a car dealer, manufacturer, or representative will be required to furnish a “police package” vehicle for test purposes. All test vehicles shall be **2012** models, which are equipped with the drive train, suspension, and brake components, as well as tires and interior appointments and instrumentation as called for in the specification requirements on all vehicles in this requisition. Submitters of vehicles shall declare in writing any deviations from the specifications at the time of delivery of these test vehicles. Interior and exterior colors shall be the manufacturer’s option. One extra set of engine belts and four (4) wheels and tires shall be provided on test day for each car submitted. Test vehicles submitted shall have undergone sufficient break-in to permit extended periods of maximum acceleration and high speed driving. Brakes on the test car shall have been burnished prior to delivery.

**Test cars shall be delivered to the Vehicle and Travel Services,
State Secondary Complex, (517) 322-5000
6951 Crowner Drive, Lansing, Michigan, 48913
no later than 4 p.m., Tuesday, September 6, 2018.**

Each vehicle will be subjected to six competitive and qualification tests. Any vehicle which fails to meet the minimum standards found under the Qualification Testing section of this specification will not be considered for this bid.

The State of Michigan shall not be responsible for any damage during the tests or the condition of the vehicle when returned to the submitter after testing. Furthermore, all cars tested will be at the owner’s risk for any damage occurring to the vehicles for any reason. The test vehicles will be tested and driven under the supervision of the Michigan Department of State Police by employees of the department or personnel designated by the department.

Vehicles used for testing will be available for pick up by the submitter no later than one (1) month following completion of testing.

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

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SPECIFICATION

MODEL

2012 CURRENT NEW - STANDARD FACTORY EQUIPPED:

Vehicles to be factory equipped with the following items, unless dealer installation is herein permitted.

AIR BAGS

Vehicle to be equipped with driver frontal-impact airbag, passenger frontal impact air bag, side-impact curtain roof rail airbags, and thoracic seat airbags.

AIR CONDITIONING

System must be designed to prevent component damage due to high speed driving.

ALTERNATOR

Transistorized regulator, minimum curb idle output of 110 amps at 221 degrees Fahrenheit, (at manufacturer's recommended idle speed). Shall be of heavy-duty design, capable of surviving patrol car operation. Maximum output shall be at least 130 amps at 221 degrees Fahrenheit. Output ratings are for typical summer under hood ambient temperatures measured at 221 degrees Fahrenheit and not S.A.E rating method.

ANTENNA

Vehicle to be equipped with standard AM/FM original equipment antenna embedded in glass. Mast type antenna not acceptable.

ANTIFREEZE

To be equipped with antifreeze protection to -35 degrees F minimum.

BATTERY

12 volt, minimum 720 cold cranking amps.

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BODY SIDE MOLDING

Vehicle to be equipped with body side molding. Molding on front doors to be deleted, preferred. No holes to be on doors for moldings.

BRAKES

Vehicle to be equipped with power assisted four-wheel disc anti-lock brake system.

POWER PORT(S) PREFERRED

To be located on instrument panel, wired independent of ignition system.

COOLING SYSTEM

Vehicle to have maximum size cooling system available, incorporating "coolant recovery" system.

DIFFERENTIAL

Heavy duty, final drive assembly.

ENGINE

Engine to be the largest cubic inch/liter displacement available in the model of the vehicle submitted, with specific displacement to the manufacturer's option, providing the car will meet or exceed the vehicle performance requirements in the Qualification Testing section of this specification.

FUEL SYSTEM

Fuel system shall be gasoline and/or E85 capable. System shall be able to operate at various percentages of the two fuel mixtures.

FLOOR MAT

Full floor mat, heavy-duty rubber or vinyl, front and rear.

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GLASS

All windows shall be heat absorbing (tinted) type.

HEADLIGHTS

To be equipped with high and low beam quartz-halogen headlights. If vehicle is equipped with Daylight Running Lights, it must incorporate a means (switch system) to make the lights inoperable at drivers' discretion.

HOOD LATCH RELEASE

To be equipped with inside hood latch release.

KEYS

Three (3) keys to be furnished with each car. Third key may be dealer supplied on original equipment blank only. Other key blanks may be generic copies.

LICENSE PLATE BRACKETS

Vehicle shall be equipped with manufacturer supplied front and rear license plate brackets. Dealer may install.

LIGHTS, INTERIOR

Dome light to be mounted on headliner on longitudinal centerline of vehicle approximately 25" from windshield garnish molding. Operation to be independent of other lights. Vehicle to be equipped with two, separately switched, map lights, to direct a restricted beam of light to the driver and/or the front seat passenger. Exact mounting position to be approved by the Michigan State Police. No interior light to be illuminated by open doors.

LIGHT, ENGINE & TRUNK COMPARTMENT

To be equipped with an engine and trunk compartment light controlled by body computer or ball bearing switch.

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DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

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LOCKS

To be equipped with power door locks. All locks on a car to be keyed alike, different key for each car.

MIRRORS, REARVIEW (INSIDE)

Day/night type.

MIRRORS, SIDEVIEW (OUTSIDE)

Remote control type, installed on left-hand and right-hand doors. Controls to be within convenient reach of driver. Rectangular design approximate size 5" x 3"; minimum viewing area of 15 square inches.

PAINT COLOR

To be same color as Dulux 93-032. Paint color code to be indicated on production code plate.

PILOT INSPECTION

On any order of 15 vehicles or more and prior to initial delivery of police vehicles, the manufacturer shall schedule a pilot model inspection in order to determine compliance with the specifications. The inspection shall be conducted at each point of vehicle assembly. The manufacturer will be responsible for all travel costs incurred for the pilot inspection.

PRE-DELIVERY SERVICE

Vehicles to undergo pre-delivery service as provided in the State of Michigan Specification Book. May be completed by dealer.

RADIO

Radio to be standard equipment model.

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RADIO NOISE SUPPRESSION

Vehicle to be equipped with standard AM and police radio noise suppression package, to include any optional grounding straps. The vehicle shall not interfere with signals received or transmitted by the mobile police radio system, nor shall the vehicle be affected by the operation of a police mobile transmitter.

RADIO SPEAKER(S)

A permanent magnet speaker(s), either oval or round, to be mounted in the speaker opening(s) provided on the dash/door of the unit. Speaker(s) to be of a quality equal to automotive grade. Speaker leads connected to the speaker terminals, not grounded, shall extend three feet beyond the lower edge of the center of the dashboard, (dealer may install wiring extensions).

Two/Four Speaker Installation: Speakers to be located on left and right sides of the dashboard (preferred location) or positioned in the forward portion of the left and right hand front doors. Four-speaker system to include two additional speakers installed on rear deck shelf. It is preferred voice coil impedance of all speakers combined shall equal 8 ohms, power handling capacity 10 watts, minimum.

REAR WINDOW DEFOGGER

Electrical grid type. Control to be within convenient reach of driver, control switch to be clearly marked as to function.

ROOF TOP REINFORCEMENT

Preferred, install a steel plate at least 2.25 mm thick x 10" wide to the underside of top, centered on the longitudinal centerline of the roof panel. Plate is to extend from the windshield header to the first top cross-member support and is to be welded at both ends. Plate is to hold roof skin in its normal position, not allowing skin to deflect if pressure is applied to top surface. The purpose of the plate is to support the overhead emergency light. **(or)** Roof top membrane support within underside of top, centered on the longitudinal centerline of the roof panel. Membrane support is to hold roof skin in its normal position, not allowing skin to deflect if pressure is applied to top surface. The purpose of the membrane is to support the overhead emergency light.

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SEAT ASSEMBLY, FRONT

Bucket seat type, 45/45, or 40/40, individually adjustable. The driver's seat only to be 4-way power minimum (6 or 8 way power preferred). Both seats to have heavy-duty interior construction designed for rugged police use, comfortable foam-padded seat cushions, and backs. To permit the installation of radio equipment, a minimum width of eight (8) inches is required between the bucket seats. Floor mounted shift lever with console not permitted.

SHELF

Mounted in trunk, a tray/shelf to secure radios and other equipment. May be dealer installed.

SPARE TIRE

Full size spare tire and wheel to be mounted in trunk.

SPECIAL ENGINEERING, POLICE PACKAGE

Vehicle to be equipped with the manufacturer's engineered Police Package, capable of emergency high speed vehicle operations.

SPEEDOMETER

Shall be calibrated to within ± 3 mph accuracy, 0 - 140 mph scale minimum. Analog type scale graduations are to be linear and of 1 or 2 mph increments. It may be supplemented or replaced by a digital type speedometer to be in 1 mph increments.

SPOTLIGHTS

Unity ABS plastic spot lamps with LED lamp assembly (Whelen P46SLC) to be mounted on the left-hand and right-hand "A" pillar. Left and right spotlights are to be wired independent of ignition, individually fused with up to 15-amp capacity. Spotlight fuses shall be readily accessible to the driver, with location in the fuse panel preferred. Spotlights shall be factory installed if offered by the vehicle manufacturer. Any non-factory installation shall be authorized by the vehicle manufacturer. Installation is to be approved by Michigan State Police.

STEERING

Power steering, manufacturer to provide steering gear which affords maximum "firm feel" and fast return characteristics designed for high speed pursuit type driving.

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STEERING WHEEL

Tilt type steering wheel required. Round with anti-slip surface.

SUSPENSION SYSTEM, POLICE

To include heavy-duty springs, front and rear, in combination with heavy-duty shock absorbers, and front and rear heavy-duty stabilizer bars.

TECHNICAL SERVICE BULLETINS

Technical Service Bulletins covering vehicles purchased under this specification must remain available for up to 6 years.

TIRES

Tires (including spare) preferred to be Goodyear, police pursuit radials. Speed rating to meet or exceed vehicle performance capabilities. Tire to be approved by Michigan State Police.

TOOLS

Wheel wrench and jack.

TRANSMISSION

Is to be 5 or 6 speed, fully automatic, heaviest duty available. It must incorporate manual or electronic low gear lockout to prevent manual shifting. Transmission selector lever shall be shortest design available, to minimize intrusion of the equipment mounting area.

TRIM

Front and rear bumper valances (fascias) to be color coordinated. Color to be approved by Michigan State Police.

TRUNK MAT

To be full floor.

TRUNK RELEASE, REMOTE

To be equipped with electrically operated remote control trunk release. Control to be within convenient reach of the driver, located on the right side of the steering column (in glove box not acceptable), centerline of dashboard preferred. Electric system wired independently of ignition switch (battery direct). Dealer may relocate control and/or alter factory wiring to conform with this requirement.

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UPHOLSTERY, FRONT & REAR

Front seats to be upholstered in heavy-duty cloth or combination of heavy-duty cloth and vinyl (blue is preferred or dark charcoal color acceptable). Not all vinyl is acceptable. Rear bench seat to be upholstered in all vinyl.

WHEELS AND COVERS

To be heavy-duty construction, designed for police use, black in color. It is preferred wheels be equipped with hubcaps. Full wheel covers not acceptable.

WINDOWS, POWER

Side windows to be electrically powered with each door having its own window control. The driver's door is to have controls for all windows. Rear door power window switches to be deactivated. Rear power windows to be operable from driver's position only.

WINDSHIELD WIPERS/WASHERS

Multiple speed electric, to include intermittent feature.

WIRING, SPECIAL

Vehicle to include a 30-amp circuit breaker equipped battery feed auxiliary wire, and 30-amp circuit breaker equipped ignition feed auxiliary wire.

NOTE: No dealer advertising to be on vehicles.

QUALIFICATION TESTING

In order to qualify for bidding, all vehicles submitted by manufacturers must meet each of the following performance standards:

1. **ACCELERATION**

- 0 - 60 MPH - 9.0 seconds or less
- 0 - 80 MPH - 14.9 seconds or less
- 0 -100 MPH - 24.6 seconds or less

Each vehicle will make 4 acceleration runs, and the times for the 4 runs will be averaged.

2. **TOP SPEED**

A speed of 110 mph must be attained within a distance of 4,838 feet and 120 mph within a distance of 8,985 feet. For purposes to be explained in the test booklet, the vehicle will, after attaining the 120 mph minimum be accelerated to the maximum speed attainable within 14 miles.

3. **BRAKE TEST**

- a) (Minimum Universal Burnish Procedure) Prior to being transported to the test sites, all test vehicles will have the brakes burnished by MSP staff performing 10 controlled impending skid (threshold) stops from 60 mph.
- b) **Phase 1** - The test vehicle will make ten (10) controlled impending skid (threshold) measured stops from 60 mph.
- c) **Phase2** - After a 3.2-mile cool down performed at 60 mph, the entire sequence will be repeated. The exact initial velocity at the beginning of each 60 - 0 mph decelerations, and the exact distance required to make each stop will be recorded by electronic speed and distance meters.
- d) The twenty (20) measured stops will be used to calculate the average deceleration rate, which is the vehicle's score for this test. Evidence of brake fade and ability of the vehicle to stop in a straight line within its own lane will be evaluated. A minimum of 25.79 ft/sec² average must be attained from phases (a) and (b) of 20 controlled impending skid (threshold) stops.

COMPETITIVE TEST CATEGORIES

Each vehicle to be considered for the bid will be evaluated in the following weighted categories:

<u>CATEGORY</u>	<u>CATEGORY WEIGHT</u>
Vehicle Dynamics	30 Points
Braking	25 Points
0 - 100 Acceleration	20 Points
Top-Speed	10 Points
Ergonomics/Communications	10 Points
Fuel Economy	5 Points

SCORING METHODOLOGY

Raw Score: A raw score is developed for each vehicle by testing in each of the above categories. These scores are expressed in terms of seconds, miles-per-hour, feet-per-second², points, and miles-per-gallon.

Deviation Factor: The best scoring vehicle in each test category receives a “0” as its deviation factor. The decimal equivalent of the percentage by which each of the other vehicles varies from the best score in that category is that vehicle’s deviation factor.

Weighted Category Score: Each vehicle’s weighted category score is determined by multiplying its deviation factor (as determined above) by the category weight.

Total Weighted Score: The total weighted score for each vehicle is derived by adding together the six (6) weighted category scores for that vehicle.

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Mich. Spec. # 3905-0011

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POLICE CAR: PATROL
Rear Wheel Drive
Construction- Monocoque (Unitized) type
Large
(120+ cubic feet volume)

MAKE

Dodge Charger 5.7L

BID REQUIREMENTS

Prior to bidding, a car dealer, manufacturer, or representative will be required to furnish a “police package” vehicle for test purposes. All test vehicles shall be **2018** models, which are equipped with the drive train, suspension, and brake components, as well as tires and interior appointments and instrumentation as called for in the specification requirements on all vehicles in this requisition. Submitters of vehicles shall declare in writing any deviations from the specifications at the time of delivery of these test vehicles. Interior and exterior colors shall be the manufacturer’s option. One extra set of engine belts and four (4) wheels and tires shall be provided on test day for each car submitted. Test vehicles submitted shall have undergone sufficient break-in to permit extended periods of maximum acceleration and high speed driving. Brakes on the test car shall have been burnished prior to delivery.

**Test cars shall be delivered to the Vehicle and Travel Services,
State Secondary Complex, (517) 322-5000
6951 Crowner Drive, Lansing, Michigan, 48913
No later than 4 p.m., Thursday, August 30, 2012.**

Each vehicle will be subjected to six competitive and qualification tests. Any vehicle which fails to meet the minimum standards found under the Qualification Testing section of this specification will not be considered for this bid.

The State of Michigan shall not be responsible for any damage during the tests or the condition of the vehicle when returned to the submitter after testing. Furthermore, all cars tested will be at the owner’s risk for any damage occurring to the vehicles for any reason. The test vehicles will be tested and driven under the supervision of the Michigan Department of State Police by employees of the department or personnel designated by the department.

Vehicles used for testing will be available for pick up by the submitter no later than one (1) month following completion of testing.

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

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Pg. 2

SPECIFICATION

MODEL

2018 CURRENT NEW - STANDARD FACTORY EQUIPPED:

Vehicles to be factory equipped with the following items, unless dealer installation is herein permitted.

ADVANCED STABILITY CONTROL SYSTEM

Vehicle to be equipped with advanced stability control system with yaw sensor. Software should allow driver the ability to drive for performance and emergency law enforcement driving. System to have two settings: full on and partial off.

AIR BAGS

Vehicle to be equipped with driver frontal impact, driver knee air bag, passenger frontal impact, side impact roof rail curtain air bags, and thoracic seat airbag passive restraint system.

AIR CONDITIONING

System must be designed to prevent component damage due to high speed driving.

ALTERNATOR

Transistorized regulator, minimum no-load curb idle output of 92 amps at 221 degrees Fahrenheit (at manufacturer's recommended idle speed), maximum in-park idle output of 135 amps @ 221 degrees Fahrenheit engine compartment air temperature near the alternator, and a maximum rated capacity of 173 amps @ 80 degrees Fahrenheit. Shall be of heavy-duty design, capable of surviving patrol car operation. Output ratings are for typical summer underhood ambient temperatures measured at 221 degrees Fahrenheit and not S.A.E rating method.

ANTENNA

Vehicle to be equipped with standard AM/FM type original equipment antenna embedded in glass.

ANTIFREEZE

To be equipped with antifreeze protection to -35 degrees F minimum.

BATTERY

12 volt, minimum 800 cold cranking amps.

BODY SIDE MOLDING

Vehicle to be equipped with body side molding. Molding on front doors to be deleted. No holes to be on doors for moldings.

BRAKES

Vehicle to be equipped with power assisted, four-wheel disc, anti-lock brake system.

POWER PORT PREFERRED

To be located on instrument panel wired independent of ignition system.

CRUISE CONTROL

May be installed if standard equipment.

COOLING SYSTEM

Vehicle to have maximum size cooling system available, incorporating "coolant recovery" system.

DIFFERENTIAL

Heaviest duty available, 2.65 ratio, with electronic traction control.

ENGINE

Engine to be the largest cubic inch/liter displacement available in the model of the vehicle submitted, with specific displacement to the manufacturer's option, providing the car will meet or exceed the vehicle performance requirements in the Qualification Testing section of this specification.

FLOOR MAT

Full floor mat, heavy-duty rubber or vinyl, front and rear.

GLASS

All windows shall be heat absorbing (tinted) type.

HEADLIGHTS

To be equipped with high and low beam quartz-halogen headlights.

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HOOD LATCH RELEASE

To be equipped with inside hood latch release.

IGNITION SECURITY

Vehicle must be equipped with an ignition security device. This device allows the user to leave the engine running and doors unlocked and prevent the vehicle from unauthorized use. The device can be FOB sense or key bypass type. If an unauthorized person attempts vehicle movement, the device should shut off the engine or prevent the vehicle from being shifted into gear.

KEY/FOBS

Four keys and 4 fobs to be furnished with each car. Key/fobs may be dealer supplied on original equipment.

LICENSE PLATE BRACKETS

Vehicle shall be equipped with manufacturer supplied front and rear license plate brackets. Dealer may install.

LIGHTS, INTERIOR

Dome light to be mounted on headliner on longitudinal centerline of vehicle. Operation to be independent of other lights. Vehicle to be equipped with two, separately switched, map lights, to direct a restricted beam of light to the driver and/or the front seat passenger. Exact mounting position to be approved by the Michigan State Police. No interior light to be illuminated by open doors.

LOCKS

To be equipped with power door locks. All locks on a car to be keyed alike, different key for each car.

MIRRORS, REARVIEW (INSIDE)

Day/night type.

MIRRORS, SIDEVIEW (OUTSIDE)

Remote control type, installed on left-hand and right-hand doors. Controls to be within convenient reach of the driver. Rectangular design approximate size 5" x 3"; minimum viewing area of 15 square inches.

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PAINT COLOR

To be same color as Dulux 93-032. Paint color code to be indicated on production code plate.

PILOT INSPECTION

On any order of 15 or more vehicles and prior to initial delivery of police vehicles, the manufacturer shall schedule a pilot model inspection in order to determine compliance with the specifications. The inspection shall be conducted at each point of vehicle assembly. The manufacturer will be responsible for all travel costs incurred for the pilot inspection.

PRE-DELIVERY SERVICE

Vehicles to undergo pre-delivery service as provided in the State of Michigan Specification Book. May be completed by dealer.

RADIO

Radio to be standard equipment model.

RADIO NOISE SUPPRESSION

Vehicle shall be equipped with standard AM and police radio noise suppression package, to include any optional grounding straps. The vehicle shall not interfere with signals received or transmitted by the mobile police radio system, nor shall the vehicle be affected by the operation of a police mobile transmitter.

RADIO SPEAKER(S)

A permanent magnet speaker(s), either oval or round, to be mounted in the speaker opening(s) provided on the dash/door of the unit. Speaker(s) to be of a quality equal to automotive grade. Speaker leads connected to the speaker terminals, not grounded, shall extend three feet beyond the lower edge of the center of the dashboard. (dealer may install wiring extensions).

Two/Four Speaker Installation: Speakers to be located on left and right sides of the dashboard (preferred location) or positioned in the forward portion of the left and right hand front doors. Four-speaker system to include two additional speakers installed on rear deck shelf. It is preferred voice coil impedance of all speakers combined shall equal 8 ohms, power handling capacity 10 watts, minimum.

REAR WINDOW DEFOGGER

Electrical grid type. Control to be within convenient reach of driver, control switch to be clearly marked as to function.

ROOF TOP REINFORCEMENT AND SPECIAL WIRING

Install a steel plate at least 2.25 mm thick x 10" wide to the underside of top, centered on the longitudinal centerline of the roof panel. Plate is to extend from the windshield header to the first top cross-member support and is to be welded at both ends. Plate to hold roof skin in its normal position, not allowing skin to deflect if pressure is applied to top surface. The purpose of the plate is to support the overhead emergency light.

Vehicle to include a 30-amp circuit breaker equipped battery feed auxiliary wire, and 30-amp circuit breaker equipped ignition feed auxiliary wire.

SEAT ASSEMBLY, FRONT

Bucket seat type, 45/45, or 40/40, individually adjustable. The driver's seat only to be 8-way power, with reclining seatbacks. Both seats to have heavy-duty interior construction designed for rugged police use, comfortable foam-padded seat cushions, and backs. To permit the installation of radio equipment, a minimum width of ten (10) inches is required between the bucket seats. Floor mounted shift lever with console not permitted.

SPARE TIRE

Full size spare tire and wheel to be mounted in trunk. Space saver spare mounted in trunk and full size wheel and tire provided with each vehicle is acceptable.

SPECIAL ENGINEERING, POLICE PACKAGE

Vehicle to be equipped with the manufacturer's engineered Police Package, capable of emergency high speed vehicle operations.

SPEEDOMETER

Shall be calibrated to within ± 3 mph accuracy, 0 - 160 mph scale. Analog type scale graduations to be linear and of 1 or 2 mph increments. Digital type speedometer to be in 1 mph increments.

SPOTLIGHTS

Unity ABS plastic spot lamps with LED lamp assembly (Whelen P46SLC) to be mounted on the left-hand and right-hand "A" pillar. Left and right spotlights to be wired independent of ignition, individually fused with 10 to 20-amp capacity. Spotlight fuses shall be readily accessible to the driver, with location in the fuse panel preferred. Spotlights shall be factory installed if offered by the vehicle manufacturer. Any non-factory installation shall be authorized by the vehicle manufacturer. Installation to be approved by Michigan State Police.

STARTING SYSTEM

May be equipped with computer controlled electronic auto start system.

STEERING

Power steering, manufacturer to provide steering gear which affords maximum "firm feel" and fast return characteristics designed for high speed pursuit type driving.

STEERING WHEEL

Tilt type steering wheel required. Round with anti-slip surface.

SUSPENSION SYSTEM, POLICE

To include heavy-duty springs, front and rear, in combination with heavy-duty shock absorbers, and front and rear heavy-duty stabilizer bars.

TECHNICAL SERVICE BULLETINS

Manufacturer to supply four (4) copies of all Technical Service Bulletins covering vehicles purchased under this specification. May be supplied on disc if approved by Vehicle and Travel Services.

TIRES

Tires preferred (including spare) to be Goodyear or Firestone, police pursuit radials, per State of Michigan specification 5260-S1. Speed rating to meet or exceed vehicle performance capabilities. Tire to be approved by Michigan State Police. Vehicle to be equipped with Tire Pressure Monitoring System.

TOOLS

Wheel wrench and jack.

TRANSMISSION

To be 4- or 5-speed, fully automatic, and heaviest duty available. Must incorporate manual or electronic low gear lockout to prevent manual shifting. Transmission selector lever shall be shortest design available, to minimize intrusion of the equipment mounting area.

TRIM

Front and rear bumper valances (fascias) to be color coordinated. Color to be approved by Michigan State Police.

TRUNK AREA AND ENGINE COMPARTMENT LIGHTS

To be equipped with a trunk area and engine compartment light. Each light to be activated by lighting control module.

TRUNK MAT

To be full floor in trunk area, of heavy-duty material preferably rubber.

TRUNK RELEASE

To be equipped with electrically operated remote control trunk release. Control to be within convenient reach of the driver, preferably located on the right side of the steering column (in glove box not acceptable). Electric system wired independently of ignition switch. Dealer may relocate control and/or alter factory wiring to conform with this requirement.

UPHOLSTERY, FRONT & REAR

Front seats to be upholstered in heavy-duty cloth or combination of heavy-duty cloth and vinyl (dark blue is preferred, dark charcoal color acceptable). Not all vinyl is acceptable. Rear bench seat to be upholstered with all vinyl.

WHEELS AND COVERS

To be 18" heavy-duty construction, designed for police use, black in color. It is preferred wheels be equipped with hubcaps. Full wheel covers acceptable.

WINDOWS, POWER

Side windows to be electrically powered with each door having its own window control. The driver's door to have controls for all windows. Rear door power window switches to be deactivated. Rear power windows to be operable from driver's position only.

WINDSHIELD WIPERS/WASHERS

Multiple speed electric, to include intermittent feature.

NOTE: No dealer advertising to be on vehicles.

QUALIFICATION TESTING

In order to qualify for bidding, all vehicles submitted by manufacturers must meet each of the following performance standards:

1. ACCELERATION

Each vehicle will make 4 acceleration runs, and the times for the 4 runs will be averaged.

0 - 60 MPH - 9.0 seconds or less
0 - 80 MPH - 14.9 seconds or less
0 - 100 MPH - 24.6 seconds or less

2. TOP SPEED

A speed of 110 mph must be attained within a distance of 4,838 feet, and 120 mph within a distance of 8,985 feet. For purposes to be explained in the test booklet, the vehicle will, after attaining the 120-mph minimum will be accelerated to the maximum speed attainable within 14 miles.

3. BRAKE TEST

- a) (Minimum Universal Burnish Procedure) Prior to being transported to the test sites, all test vehicles will have the brakes burnished by MSP staff performing 10 controlled impending skid (threshold) stops from 60 mph.
- b) **Phase 1** - The test vehicle will make ten (10) controlled impending skid (threshold) measured stops from 60 mph.
- c) **Phase 2** - After a 3.2-mile cool down performed at 60 mph, the entire sequence will be repeated. The exact initial velocity at the beginning of each 60 - 0 mph decelerations, and the exact distance required to make each stop will be recorded by electronic speed and distance meters.
- d) The twenty (20) measured stops will be used to calculate the average deceleration rate, which is the vehicle's score for this test. Evidence of brake fade and ability of the vehicle to stop in a straight line within its own lane will be evaluated. A minimum of 25.79 ft/sec² average must be attained from phases (a) and (b) of 20 controlled impending skid (threshold) stops.

COMPETITIVE TEST CATEGORIES

Each vehicle to be considered for the bid will be evaluated in the following weighted categories:

<u>CATEGORY</u>	<u>CATEGORY WEIGHT</u>
Vehicle Dynamics	30 Points
Braking	25 Points
0 - 100 Acceleration	20 Points
Top-Speed	10 Points
Ergonomics/Communications	10 Points
Fuel Economy	5 Points

SCORING METHODOLOGY

Raw Score: A raw score is developed for each vehicle by testing in each of the above categories. These scores are expressed in terms of seconds, miles-per-hour, feet-per-second², points, and miles-per-gallon.

Deviation Factor: The best scoring vehicle in each test category receives a “0” as its deviation factor. The decimal equivalent of the percentage by which each of the other vehicles varies from the best score in that category is that vehicle’s deviation factor.

Weighted Category Score: Each vehicle’s weighted category score is determined by multiplying its deviation factor (as determined above) by the category weight.

Total Weighted Score: The total weighted score for each vehicle is derived by adding together the six (6) weighted category scores for that vehicle.

Raw Score: A raw score is developed for each vehicle by testing in each of the above categories. These scores are expressed in terms of seconds, miles-per-hour, feet-per-second², points, and miles-per-gallon.

Deviation Factor: The best scoring vehicle in each test category receives a “0” as its deviation factor. The decimal equivalent of the percentage by which each of the other vehicles varies from the best score in that category is that vehicle’s deviation factor.

Weighted Category Score: Each vehicle’s weighted category score is determined by multiplying its deviation factor (as determined above) by the category weight.

Total Weighted Score: The total weighted score for each vehicle is derived by adding together the six (6) weighted category scores for that vehicle.

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3905-0012

Pg. 1

PATROL: POLICE CAR
Rear Wheel Drive
Construction- Monocoque (Unitized) type
Large
(120+ cubic feet volume)

MAKE

Chevrolet Caprice – 9 C1, *E85 Capable*
Option Code PPV

BID REQUIREMENTS

Prior to bidding, a car dealer, manufacturer, or representative will be required to furnish a “police package” vehicle for test purposes. All test vehicles shall be **2018** models, which are equipped with the drive train, suspension, and brake components, as well as tires and interior appointments and instrumentation as called for in the specification requirements on all vehicles in this requisition. Submitters of vehicles shall declare in writing any deviations from the specifications at the time of delivery of these test vehicles. Interior and exterior colors shall be the manufacturer’s option. One extra set of engine belts and four (4) wheels and tires shall be provided on test day for each car submitted. Test vehicles submitted shall have undergone sufficient break-in to permit extended periods of maximum acceleration and high speed driving. Brakes on the test car shall have been burnished prior to delivery.

**Test cars shall be delivered to the Vehicle and Travel Services,
State Secondary Complex, (517) 322-5000
6951 Crowner Drive, Lansing, Michigan, 48913
No later than 4 p.m., Thursday, August 30, 2012.**

Each vehicle will be subjected to six competitive and qualification tests. Any vehicle which fails to meet the minimum standards found under the Qualification Testing section of this specification will not be considered for this bid.

The State of Michigan shall not be responsible for any damage during the tests or the condition of the vehicle when returned to the submitter after testing. Furthermore, all cars tested will be at the owner’s risk for any damage occurring to the vehicles for any reason. The test vehicles will be tested and driven under the supervision of the Michigan Department of State Police by employees of the department or personnel designated by the department.

Vehicles used for testing will be available for pick up by the submitter no later than one (1) month following completion of testing.

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SPECIFICATION

MODEL

2018 CURRENT NEW - STANDARD FACTORY EQUIPPED:

Vehicles to be factory equipped with the following items, unless dealer installation is herein permitted.

ADVANCED STABILITY CONTROL SYSTEM

Vehicle to be equipped with advanced stability control system with yaw sensor. Software should allow driver the ability to drive for performance and emergency law enforcement driving. System to have two settings: full on and performance mode.

AIR BAGS

Vehicle to be equipped with driver frontal impact, passenger frontal impact, side impact roof rail curtain air bags (front seat standard, full length optional), and thoracic seat airbag passive restraint system.

AIR CONDITIONING

System must be designed to prevent component damage due to high speed driving.

ALTERNATOR

Transistorized regulator, minimum no-load curb idle output of 80 amps @ 221 degrees (°) Fahrenheit (F), (at manufacturer's recommended idle speed), maximum in-park idle output of 120 amps @ 221° (F) engine compartment air temperature and a maximum capacity of 170 amps @ 77° (F). Shall be of heavy-duty design, capable of surviving patrol car operation. Maximum output shall be at least 135 amps at 221° (F) engine compartment air temperature. Output ratings are for typical summer under hood ambient temperatures measured at 221° (F) and not S.A.E rating method.

ANTENNA

Vehicle to be equipped with standard AM/FM type original equipment antenna mounted on centerline of roof near rear window.

ANTIFREEZE

To be equipped with antifreeze protection to -35 degrees F minimum

BATTERY

12 volt, 700 cold cranking amps. Auxiliary battery 600 cold cranking amps available as an option (RPO K4S).

BODY SIDE MOLDING

Body side moldings not available.

BRAKES

Vehicle to be equipped with power assisted, four-wheel disc, anti-lock brake system.

POWER PORT PREFERRED

To be located on instrument panel wired independent of ignition system. Power remains on with retained accessory power.

CRUISE CONTROL

May be installed if standard equipment.

COOLING SYSTEM

Vehicle to have maximum size cooling system available, incorporating "coolant recovery" system.

DIFFERENTIAL

Heaviest duty available, 2.92 ratio with Limited Slip.

ENGINE

Engine to be the largest cubic inch/liter displacement available in the model of the vehicle submitted, with specific displacement to the manufacturer's option, providing the car will meet or exceed the vehicle performance requirements in the Qualification Testing section of this specification.

FLOOR MAT

Full floor mat, heavy-duty rubber or vinyl, front and rear.

GLASS

Solar-Ray windshield and front doors.

HEADLIGHTS

To be equipped with high and low beam quartz-halogen headlights.

HOOD LATCH RELEASE

To be equipped with inside hood latch release.

IGNITION SECURITY

Vehicle must be equipped with an ignition security device. This device allows the user to leave the engine running and doors unlocked and prevent the vehicle from unauthorized use. The device can be FOB sense or key bypass type. If an unauthorized person attempts vehicle movement, the device should shut off the engine or prevent the vehicle from being shifted into gear.

KEY/FOBS

Two keys and fobs furnished. 6 additional keys and key fobs are available as an option. (RPO AMF)

LICENSE PLATE BRACKETS

Vehicle shall be equipped with manufacturer supplied front and rear license plate brackets. Dealer may install.

LIGHTS, INTERIOR

Dome light to be mounted on headliner on longitudinal centerline of vehicle. Operation to be independent of other lights. Exact mounting position to be approved by the Michigan State Police. Map lights are not available from the factory; may be installed by dealer. No interior light to be illuminated by open doors. (Option 7Y6)

LOCKS

To be equipped with power door locks. All locks on car to be keyed alike, different key for each car.

MIRRORS, REARVIEW (INSIDE)

Day/night type.

MIRRORS, SIDEVIEW (OUTSIDE)

Remote control type, installed on left-hand and right-hand doors. Controls to be within convenient reach of the driver. Rectangular design approximate size 5" x 3"; minimum viewing area of 15 square inches.

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PAINT COLOR

To be same color as Dulux 93-032. Paint color code to be indicated on production code plate.

PILOT INSPECTION

On any order of 15 or more vehicles and prior to initial delivery of police vehicles, the manufacturer shall schedule a pilot model inspection in order to determine compliance with the specifications. The inspection shall be conducted at the port of entry. The manufacturer will be responsible for all travel costs incurred for the pilot inspection.

PRE-DELIVERY SERVICE

Vehicles to undergo pre-delivery service as provided in the State of Michigan Specification Book. May be completed by dealer.

RADIO

Radio to be standard equipment model.

RADIO NOISE SUPPRESSION

Vehicle shall be equipped with standard AM and police radio noise suppression package, to include any optional grounding straps. The vehicle shall not interfere with signals received or transmitted by the mobile police radio system, nor shall the vehicle be affected by the operation of a police mobile transmitter.

RADIO SPEAKER(S)

A permanent magnet speaker(s), either oval or round, to be mounted in the speaker opening(s) provided on the dash/door of the unit. Speaker(s) to be of a quality equal to automotive grade. Speaker leads connected to the speaker terminals, not grounded, shall extend three feet beyond the lower edge of the center of the dashboard, (dealer may install wiring extensions). (RPO WX7)

Two/Four Speaker Installation: Speakers to be located on left and right sides of the dashboard (preferred location) or positioned in the forward portion of the left and right hand front doors. Four-speaker system to include two additional speakers installed on rear deck shelf. It is preferred voice coil impedance of all speakers combined shall equal 8 ohms, power handling capacity 10 watts, minimum. Speakers are located in front and rear doors.

REAR WINDOW DEFOGGER

Electrical grid type. Control to be within convenient reach of driver, control switch to be clearly marked as to function.

ROOF TOP REINFORCEMENT AND SPECIAL WIRING

Preferred, install a steel plate at least 2.25 mm thick x 10" wide to the underside of top, centered on the longitudinal centerline of the roof panel. Plate is to extend from the windshield header to the first top cross-member support and is to be welded at both ends. Plate is to hold roof skin in its normal position, not allowing skin to deflect if pressure is applied to top surface. The purpose of the plate is to support the overhead emergency light. **(or)** Roof top membrane support within underside of top, centered on the longitudinal centerline of the roof panel. Membrane support is to hold roof skin in its normal position, not allowing skin to deflect if pressure is applied to top surface. The purpose of the membrane is to support the overhead emergency light. Structural support is to be added by second stage manufacturer.

SEAT ASSEMBLY, FRONT

Bucket seat type, 45/45, or 40/40, individually adjustable. The driver's seat only to be 6-way power, with reclining seatbacks. Both seats to have heavy-duty interior construction designed for rugged police use, comfortable foam-padded seat cushions, and backs. To permit the installation of radio equipment, a minimum width of ten (10) inches is required between the bucket seats. Column mounted shift lever preferred; floor mounted shift lever acceptable, if column not available.

SPARE TIRE

Full size spare tire and wheel to be mounted in trunk.

SPECIAL ENGINEERING, POLICE PACKAGE

Vehicle to be equipped with the manufacturer's engineered Police Package, capable of emergency high speed vehicle operations. (RPO 9C1)

SPEEDOMETER

Shall be calibrated to within ± 3 mph accuracy, 0 - 160 mph scale. Analog type scale graduations are to be linear and of 1 or 2 mph increments. Digital type speedometer is to be in 1 mph increments.

SPOTLIGHTS

Unity ABS plastic spot lamps with LED lamp assembly (Whelen P46SLC) to be mounted on the left-hand and right-hand "A" pillar. Left and right spotlights to be wired independent of ignition, individually fused with 15 amp capacity. Spotlight fuses shall be readily accessible to the driver, with location in the fuse panel preferred. Spotlights shall be factory installed if offered by the vehicle manufacturer. Any non-factory installation shall be authorized by the vehicle manufacturer. Installation to be approved by Michigan State Police.

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STARTING SYSTEM

May be equipped with computer controlled electronic auto start system.

STEERING

Power steering, manufacturer to provide steering gear which affords maximum "firm feel" and fast return characteristics designed for high speed pursuit type driving.

STEERING WHEEL

Tilt type steering wheel required. Round with anti-slip surface.

SUSPENSION SYSTEM, POLICE

To include heavy-duty springs, front and rear, in combination with heavy-duty shock absorbers, and front and rear heavy-duty stabilizer bars.

To include heavy-duty springs, front and rear, in combination with heavy-duty shock absorbers, and front and rear heavy-duty stabilizer bars.

TECHNICAL SERVICE BULLETINS

Technical Service Bulletins covering vehicles purchased under this specification must remain available for up to 6 years.

TIRES

Tires preferred (including spare) to be Goodyear, police pursuit radials. Speed rating to meet or exceed vehicle performance capabilities. Tire to be approved by Michigan State Police. Vehicle to be equipped with Tire Pressure Monitoring System.

TOOLS

Wheel wrench and jack.

TRANSMISSION

To be 4, 5 or 6-speed, fully automatic, heaviest duty available. Must incorporate manual or electronic low gear lockout to prevent manual shifting. Transmission selector lever shall be shortest design available, to minimize intrusion of the equipment mounting area.

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TRIM

Front and rear bumper valances (fascias) to be color coordinated. Color to be approved by Michigan State Police.

TRUNK AREA AND ENGINE COMPARTMENT LIGHTS

To be equipped with a trunk area compartment light. Light to be activated by lighting control module. Engine compartment light not available (may be installed by Second Stage manufacturer.)

TRUNK MAT

To be full floor in trunk area, of heavy-duty material preferably rubber.

TRUNK RELEASE

To be equipped with electrically operated remote control trunk release. Control to be within convenient reach of the driver, preferably located on the right side of the steering column (in glove box not acceptable). Trunk release to be controlled by ignition.

UPHOLSTERY, FRONT & REAR

Front seats to be upholstered in heavy-duty cloth or combination of heavy-duty cloth and vinyl (dark blue is preferred, dark charcoal color acceptable). Not all vinyl is acceptable. Rear bench seat is to be upholstered with all vinyl.

WHEELS AND COVERS

To be 18" heavy-duty construction, designed for police use, black in color. It is preferred wheels be equipped with hubcaps. Full wheel covers acceptable.

WINDOWS, POWER

Side windows to be electrically powered with each door having its own window control. The driver's door to have controls for all windows. Rear door power window switches to be deactivated. Rear power windows to be operable from driver's position only.

WINDSHIELD WIPERS/WASHERS

Multiple speed electric, to include intermittent feature.

NOTE: No dealer advertising to be on vehicles.

QUALIFICATION TESTING

In order to qualify for bidding, all vehicles submitted by manufacturers must meet each of the following performance standards:

1. ACCELERATION

Each vehicle will make 4 acceleration runs, and the times for the 4 runs will be averaged.

0 - 60 MPH - 9.0 seconds or less
0 - 80 MPH - 14.9 seconds or less
0 -100 MPH - 24.6 seconds or less

2. TOP SPEED

A speed of 110 mph must be attained within a distance of 4,838 feet, and 120 mph within a distance of 8,985 feet. For purposes to be explained in the test booklet, the vehicle will, after attaining the 120-mph minimum will be accelerated to the maximum speed attainable within 14 miles.

3. BRAKE TEST

- a) (Minimum Universal Burnish Procedure) Prior to being transported to the test sites, all test vehicles will have the brakes burnished by MSP staff performing 10 controlled impending skid (threshold) stops from 60 mph.
- b) **Phase 1** - The test vehicle will make ten (10) controlled impending skid (threshold) measured stops from 60 mph.
- c) **Phase2** - After a 3.2-mile cool down performed at 60 mph, the entire sequence will be repeated. The exact initial velocity at the beginning of each 60 - 0 mph decelerations, and the exact distance required to make each stop will be recorded by electronic speed and distance meters.
- d) The twenty (20) measured stops will be used to calculate the average deceleration rate, which is the vehicle's score for this test. Evidence of brake fade and ability of the vehicle to stop in a straight line within its own lane will be evaluated. A minimum of 25.79 ft/sec² average must be attained from phases (a) and (b) of 20 controlled impending skid (threshold) stops.

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COMPETITIVE TEST CATEGORIES

Each vehicle to be considered for the bid will be evaluated in the following weighted categories:

<u>CATEGORY</u>	<u>CATEGORY WEIGHT</u>
Vehicle Dynamics	30 Points
Braking	25 Points
0 - 100 Acceleration	20 Points
Top-Speed	10 Points
Ergonomics/Communications	10 Points
Fuel Economy	5 Points

SCORING METHODOLOGY

Raw Score: A raw score is developed for each vehicle by testing in each of the above categories. These scores are expressed in terms of seconds, miles-per-hour, feet-per-second², points, and miles-per-gallon.

Deviation Factor: The best scoring vehicle in each test category receives a “0” as its deviation factor. The decimal equivalent of the percentage by which each of the other vehicles varies from the best score in that category is that vehicle’s deviation factor.

Weighted Category Score: Each vehicle’s weighted category score is determined by multiplying its deviation factor (as determined above) by the category weight.

Total Weighted Score: The total weighted score for each vehicle is derived by adding together the six (6) weighted category scores for that vehicle.

PATROL: POLICE - 2-WHEEL DRIVE
4 DOOR SPORT UTILITY
Construction- Body on Frame
Large
(160 + cubic feet volume)

MAKE

Chevrolet Police Tahoe – *E85 Capable*
Option Code PPV

BID REQUIREMENTS

Prior to bidding, a car dealer, manufacturer, or representative will be required to furnish a “police package” vehicle for test purposes. All test vehicles shall be **2018** models, which are equipped with the drive train, suspension, and brake components, as well as tires and interior appointments and instrumentation as called for in the specification requirements on all vehicles in this requisition. Submitters of vehicles shall declare in writing any deviations from the specifications at the time of delivery of these test vehicles. Interior and exterior colors shall be the manufacturer’s option. One extra set of engine belts and four (4) wheels and tires shall be provided on test day for each car submitted. Test vehicles submitted shall have undergone sufficient break-in to permit extended periods of maximum acceleration and high speed driving. Brakes on the test car shall have been burnished prior to delivery.

**Test cars shall be delivered to the
Vehicle and Travel Services
State Secondary Complex (517) 322-5000
6951 Crowner Drive, Lansing, Michigan,
No later than 4 p.m., Thursday, August 30, 2012.**

Each vehicle will be subjected to six competitive and qualification tests. Any vehicle, which fails to meet the minimum standards, found under the Qualification Testing section of this specification will not be considered for this bid.

The State of Michigan shall not be responsible for any damage during the tests or the condition of the vehicle when returned to the submitter after testing. Furthermore, all cars tested will be at the owner’s risk for any damage occurring to the vehicles for any reason. The test vehicles will be tested and driven under the supervision of the Michigan Department of State Police by employees of the department or personnel designated by the department.

Vehicles used for testing will be available for pick up by the submitter no later than one (1) month following completion of testing.

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SPECIFICATION

MODEL

2018 CURRENT NEW - STANDARD FACTORY EQUIPPED:

Vehicles to be factory equipped with the following items, unless dealer installation is herein permitted.

ADVANCED STABILITY CONTROL SYSTEM

Vehicle to be equipped with advanced stability control system with yaw sensor. Software should allow driver the ability to drive for performance and emergency law enforcement driving. System to have three settings: full on, traction control off and stability control system completely off.

AIR BAGS

Vehicle to be equipped with driver and passenger frontal impact and thoracic air bags, and side curtain air bag system.

AIR CONDITIONING

System must be designed to prevent component damage due to high speed driving.

ALTERNATOR

Transistorized regulator, minimum no-load curb idle output of 98 amps @ 221 degrees (°) Fahrenheit (F), (at manufacturer's recommended idle speed) maximum in-park idle output of 124 amps @ 221° (F) engine compartment air temperature and a maximum capacity of 160 amps @ 77° (F). Shall be of heavy-duty design, capable of surviving patrol car operation. Output ratings are for typical summer under hood ambient temperatures measured at 221° (F) and not S.A.E rating method.

ANTENNA

Vehicle to be equipped with standard AM/FM original equipment antenna embedded in glass. Mast type antenna not acceptable.

ANTIFREEZE

To be equipped with antifreeze protection to -35 degrees F minimum.

BATTERY

Vehicle to be equipped with a dual battery system. Option Code 6A6

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BODY SIDE MOLDING

To be deleted.

BRAKES

Vehicle to be equipped with power assisted four-wheel disc anti-lock brake system.

COOLING SYSTEM

Vehicle to have maximum size cooling system available, incorporating "coolant recovery" system.

DIFFERENTIAL

Heavy-duty, limited slip required. Option Code G80

ENGINE

Engine to be the largest cubic inch/liter displacement available in the model of the vehicle submitted, with specific displacement to the manufacturer's option, providing the car will meet or exceed the vehicle performance requirements in the Qualification Testing section of this specification.

FLOOR MAT

Heavy-duty full floor mat, front, rear, and cargo area, rubber preferred.

FUEL SYSTEM

Fuel system shall be gasoline and/or E85 capable. System shall be able to operate at various percentages of the two fuel mixtures.

GLASS

All windows shall be heat absorbing (tinted) type.

HEADLIGHTS

Vehicle must have DRL (Daylight Running Lights) headlights deactivated. Equipped with high and low beam quartz-halogen headlights. Option Code 9G8

HOOD LATCH RELEASE

To be equipped with inside hood latch release.

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IGNITION SECURITY

Vehicle must be equipped with an ignition security device. This device allows the user to leave the engine running and doors unlocked and prevent the vehicle from unauthorized use. The device can be FOB sense or key bypass type. If an unauthorized person attempts vehicle movement, the device should shut off the engine or prevent the vehicle from being shifted into gear.

KEYS

Eight (8) keys are to be furnished with each car. Vehicle is to be equipped with eight (8) remote entry key fobs. Option Code AMF

LICENSE PLATE BRACKETS

Vehicle shall be equipped with manufacturer supplied front and rear license plate brackets. Dealer may install.

LIGHTS, INTERIOR

Dome light to be mounted on headliner on longitudinal centerline of vehicle approximately 25" from windshield garnish molding. Dome light to be controlled by moving the instrument light intensity switch to maximum position. Operation to be independent of other lights. Vehicle to be equipped with two, separately switched, map lights, to direct a restricted beam of light to the driver and/or the front seat passenger. Exact mounting position to be approved by the Michigan State Police. No interior light to be illuminated by open doors.

Vehicle to be equipped with an auxiliary light mounted next to the windshield garnish molding in center of vehicle. This auxiliary light to be a dome type light with switch mounted adjacent to or an integral part of the light. Operation of auxiliary light to be independent of standard dome light. May be dealer installed. Must be approved by Michigan State Police.

LIGHTS, OTHER

Vehicle also to be equipped with courtesy lights under instrument panel, cargo area light, controlled by a motion switch and lights-on warning system.

LOCKS

To be equipped with power door locks. All locks on a car to be keyed alike, different key for each car. Auto Lock/Auto Unlock disable required prior to delivery and must be manufacturer calibration.

MIRRORS, REARVIEW (INSIDE)

Day/night type.

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MIRRORS, SIDEVIEW (OUTSIDE)

Remote control type, installed on left-hand and right-hand doors. Controls to be within convenient reach of driver. Rectangular design approximate size 5" x 3", minimum viewing area of 15 square inches.

PAINT COLOR

To be same color as Dulux 93-032. Paint color code to be indicated on production code plate.

PILOT INSPECTION

On any order of 15 or more vehicles and prior to initial delivery of patrol vehicles, the manufacturer shall schedule a pilot model inspection in order to determine compliance with the specifications. The inspection shall be conducted at each point of vehicle assembly. The manufacturer will be responsible for all travel costs incurred for the pilot inspection

POWER PORTS

To be located on instrument panel, wired independent of ignition system.

PRE-DELIVERY SERVICE

Vehicles to undergo pre-delivery service as provided in the State of Michigan Specification Book. May be completed by dealer.

RADIO

Radio to be standard equipment model.

RADIO NOISE SUPPRESSION

Vehicle shall be equipped with standard AM and police radio noise suppression package, including any optional grounding straps. The vehicle shall not interfere with signals received or transmitted by the mobile police radio system, nor shall the vehicle be affected by the operation of a police mobile transmitter. (Standard on PPV)

RADIO SPEAKERS

A permanent magnet speaker(s), either oval or round, to be mounted in the speaker opening(s) provided on the dash/door of the unit. Speaker(s) to be of a quality equal to automotive grade. Speaker leads connected to the speaker terminals, not grounded, shall extend three feet beyond the lower edge of the center of the dashboard. (Dealer may install wiring extensions) Option Code: WX7

Two/Four Speaker Installation: Speakers to be located on left and right sides of the dashboard (preferred location) or positioned in the forward portion of the left and right hand front doors. Four-speaker system to include two additional speakers installed in the rear of the vehicle. Voice coil impedance of all speakers combined shall equal 8 ohms, power handling capacity 10 watts, minimum.

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REAR WINDOW DEFOGGER

Electrical grid type. Control to be within convenient reach of driver, control switch to be clearly marked as to function.

SEAT ASSEMBLY, FRONT

Bucket seat type, 45/45, or 40/40, individually adjustable. The driver's seat only to be 6-way power. Both front seats to have heavy-duty interior construction designed for rugged police use; comfortable foam padded seat cushions and backs with seat bolster anti-wear protection for firearm and other police equipment preferred. A minimum width of ten (10) inches, from the floor to the top of the seat cushion is required between the bucket seats to permit the installation of electronic radio equipment.

SPARE TIRE

Full size spare tire and wheel to be mounted inside or under vehicle.

SPECIAL ENGINEERING, POLICE PACKAGE

Vehicle to be equipped with the manufacturer's engineered Police Package, capable of emergency high speed vehicle operations. Option Code PPV

SPEEDOMETER

Shall be calibrated to within ± 3 mph accuracy, 0 - 140 mph scale minimum. Analog type scale graduations to be linear and of 1 or 2 mph increments. Digital type speedometers shall be in 1-mph increments.

SPOTLIGHTS

Unity ABS plastic spot lamps with LED lamp assembly (Whelen P46SLC) to be mounted on the left-hand and right-hand "A" pillar. Left and right spotlights to be wired independent of ignition, individually fused with up to 15-amp capacity. Spotlight fuse shall be readily accessible, with location in the fuse panel preferred. Spotlights shall be factory installed if offered by the vehicle manufacturer. The vehicle manufacturer shall authorize any non-factory installation. Installation to be approved by Michigan State Police.

STEERING

Manufacturer to provide power steering, which affords maximum "firm feel" and fast return characteristics, designed for high speed emergency type driving.

STEERING WHEEL

Tilt type steering wheel required. Round with anti-slip surface.

SUSPENSION SYSTEM, POLICE

To include heavy-duty springs, front and rear, in combination with heavy-duty shock absorbers, and front and rear heavy-duty stabilizer bars.

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TIRES

Tires, including spare, to be police pursuit radials, per State of Michigan specification 5260-S1. Speed rating to meet or exceed vehicle performance capabilities. Tire to be approved by Michigan State Police. **Goodyear Tires preferred, with an appropriate speed rated Severe Snow Tire available.**

TOOLS

Wheel wrench and jack.

TOWING PACKAGE

Vehicle to be equipped with a trailer-towing package and a Class III frame mounted receiver hitch. May be dealer installed.

TRANSMISSION

To be 6 speed, fully automatic, heaviest duty available. Must incorporate manual or electronic low gear lockout to prevent manual shifting. Transmission selector shall be shortest design available to minimize intrusion of the equipment mounting area.

TRIM

Front and rear bumper valances (fascias), painted to be color coordinated. Color to be approved by Michigan State Police.

UPHOLSTERY

Seats to be upholstered in heavy-duty cloth with anti-wear materials for firearm. Combination of heavy-duty cloth and vinyl. Dark blue preferred medium or dark gray acceptable.

WHEELS AND COVERS

To be of heavy-duty construction, designed for police use, wheels to be black. Hubcaps preferred, full wheel covers acceptable.

WINDOWS, POWER

Side windows to be electrically powered with each door having its own window control. The driver's door to have controls for all windows. Rear door power window switches to be deactivated. Rear power windows to be operable from driver's position only.

WINDSHIELD WIPERS/WASHERS

Multiple speed electric, to include intermittent feature. Vehicle also to be equipped with rear window wiper and washer if single rear door or tailgate is used. High speed anti lift characteristics required.

NOTE: No dealer advertising to be on vehicles.

QUALIFICATION TESTING

In order to qualify for bidding, all vehicles submitted by manufacturers must meet each of the following performance standards:

1. ACCELERATION

Each vehicle will make 4 acceleration runs, and the times for the 4 runs will be averaged.

- 0 - 60 MPH – 9.0 seconds or less**
- 0 - 80 MPH – 14.9 seconds or less**
- 0 -100 MPH - 24.6 seconds or less**

2. TOP SPEED

A speed of 110 mph must be attained within a distance of 4,838 feet and 120 mph within a distance of 8,985 feet. For purposes to be explained in the test booklet, the vehicle will, after attaining the 120-mph minimum is accelerated to the maximum speed attainable within 14 miles.

3. BRAKE TEST

- e) (Minimum Universal Burnish Procedure) Prior to being transported to the test sites, all test vehicles will have the brakes burnished by MSP staff performing 10 controlled impending skid (threshold) stops from 60 mph.
- f) **Phase 1** - The test vehicle will make ten (10) controlled impending skid (threshold) measured stops from 60 mph.
- g) **Phase2** - After a 3.2-mile cool down performed at 60 mph the entire sequence will be repeated. The exact initial velocity at the beginning of each 60 - 0 mph decelerations, and the exact distance required to make each stop will be recorded by electronic speed and distance meters.
- h) The twenty (20) measured stops will be used to calculate the average deceleration rate, which is the vehicle's score for this test. Evidence of brake fade and ability of the vehicle to stop in a straight line within its own lane will be evaluated. A minimum of 25.79 ft/sec² average must be attained from phases (a) and (b) of 20 controlled impending skid (threshold) stops.

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COMPETITIVE TEST CATEGORIES

Each vehicle to be considered for the bid will be evaluated in the following weighted categories:

<u>CATEGORY</u>	<u>CATEGORY WEIGHT</u>
Vehicle Dynamics	30 Points
0 - 100 Acceleration	20 Points
Braking	20 Points
Top-Speed	15 Points
Ergonomics/Communications	10 Points
Fuel Economy	5 Points

SCORING METHODOLOGY

Raw Score: A raw score is developed for each vehicle by testing in each of the above categories. These scores are expressed in terms of seconds, miles-per-hour, feet-per-second², points, and miles-per-gallon.

Deviation Factor: The best scoring vehicle in each test category receives a “0” as its deviation factor. The decimal equivalent of the percentage by which each of the other vehicles varies from the best score in that category is that vehicle’s deviation factor.

Weighted Category Score: Each vehicle’s weighted category score is determined by multiplying its deviation factor (as determined above) by the category weight.

Total Weighted Score: The total weighted score for each vehicle is derived by adding together the six (6) weighted category scores for that vehicle.

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POLICE CAR: PATROL
4-Door Utility Vehicle
Front Wheel Drive
Construction- Monocoque (Unitized) type
Large
(120+ cubic feet volume)

MAKE

Ford Police Interceptor – E85 Capable

BID REQUIREMENTS

Prior to bidding, a car dealer, manufacturer, or representative will be required to furnish a “police package” vehicle for test purposes. All test vehicles shall be **2012** models, which are equipped with the drive train, suspension, and brake components, as well as tires and interior appointments and instrumentation as called for in the specification requirements on all vehicles in this requisition. Submitters of vehicles shall declare in writing any deviations from the specifications at the time of delivery of these test vehicles. Interior and exterior colors shall be the manufacturer’s option. One extra set of engine belts and four (4) wheels and tires shall be provided on test day for each car submitted. Test vehicles submitted shall have undergone sufficient break-in to permit extended periods of maximum acceleration and high speed driving. Brakes on the test car shall have been burnished prior to delivery.

**Test cars shall be delivered to the Vehicle and Travel Services,
State Secondary Complex, (517) 322-5000
6951 Crowner Drive, Lansing, Michigan, 48913
no later than 4 p.m., Tuesday, September 6, 2018.**

Each vehicle will be subjected to six competitive and qualification tests. Any vehicle which fails to meet the minimum standards found under the Qualification Testing section of this specification will not be considered for this bid.

The State of Michigan shall not be responsible for any damage during the tests or the condition of the vehicle when returned to the submitter after testing. Furthermore, all cars tested will be at the owner’s risk for any damage occurring to the vehicles for any reason. The test vehicles will be tested and driven under the supervision of the Michigan Department of State Police by employees of the department or personnel designated by the department.

Vehicles used for testing will be available for pick up by the submitter no later than one (1) month following completion of testing.

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

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SPECIFICATION

MODEL

2012 CURRENT NEW - STANDARD FACTORY EQUIPPED:

Vehicles to be factory equipped with the following items, unless dealer installation is herein permitted.

AIR BAGS

Vehicle to be equipped with driver frontal-impact airbag, passenger frontal impact air bag, side-impact curtain roof rail airbags, and thoracic seat airbags.

AIR CONDITIONING

System must be designed to prevent component damage due to high speed driving.

ALTERNATOR

Transistorized regulator, minimum curb idle output of 110 amps at 221 degrees Fahrenheit, (at manufacturer's recommended idle speed). Shall be of heavy-duty design, capable of surviving patrol car operation. Maximum output shall be at least 130 amps at 221 degrees Fahrenheit. Output ratings are for typical summer under hood ambient temperatures measured at 221 degrees Fahrenheit and not S.A.E rating method.

ANTENNA

Vehicle to be equipped with standard AM/FM original equipment antenna embedded in glass. Mast type antenna not acceptable.

ANTIFREEZE

To be equipped with antifreeze protection to -35 degrees F minimum.

BATTERY

12 volt, minimum 720 cold cranking amps.

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BODY SIDE MOLDING

Vehicle to be equipped with body side molding. Molding on front doors to be deleted, preferred. No holes to be on doors for moldings.

BRAKES

Vehicle to be equipped with power assisted four-wheel disc anti-lock brake system.

POWER PORT(S) PREFERRED

To be located on instrument panel, wired independent of ignition system.

COOLING SYSTEM

Vehicle to have maximum size cooling system available, incorporating "coolant recovery" system.

DIFFERENTIAL

Heavy duty, final drive assembly.

ENGINE

Engine to be the largest cubic inch/liter displacement available in the model of the vehicle submitted, with specific displacement to the manufacturer's option, providing the car will meet or exceed the vehicle performance requirements in the Qualification Testing section of this specification.

FUEL SYSTEM

Fuel system shall be gasoline and/or E85 capable. System shall be able to operate at various percentages of the two fuel mixtures.

FLOOR MAT

Full floor mat, heavy-duty rubber or vinyl, front and rear.

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DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT**

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GLASS

All windows shall be heat absorbing (tinted) type.

HEADLIGHTS

To be equipped with high and low beam quartz-halogen headlights. If vehicle is equipped with Daylight Running Lights, it must incorporate a means (switch system) to make the lights inoperable at drivers' discretion.

HOOD LATCH RELEASE

To be equipped with inside hood latch release.

KEYS

Three (3) keys to be furnished with each car. Third key may be dealer supplied on original equipment blank only. Other key blanks may be generic copies.

LICENSE PLATE BRACKETS

Vehicle shall be equipped with manufacturer supplied front and rear license plate brackets. Dealer may install.

LIGHTS, INTERIOR

Dome light to be mounted on headliner on longitudinal centerline of vehicle approximately 25" from windshield garnish molding. Operation to be independent of other lights. Vehicle to be equipped with two, separately switched, map lights, to direct a restricted beam of light to the driver and/or the front seat passenger. Exact mounting position to be approved by the Michigan State Police. No interior light to be illuminated by open doors.

LIGHT, ENGINE & TRUNK COMPARTMENT

To be equipped with an engine and trunk compartment light controlled by body computer or ball bearing switch.

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DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3905-0013B**

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LOCKS

To be equipped with power door locks. All locks on a car to be keyed alike, different key for each car.

MIRRORS, REARVIEW (INSIDE)

Day/night type.

MIRRORS, SIDEVIEW (OUTSIDE)

Remote control type, installed on left-hand and right-hand doors. Controls to be within convenient reach of driver. Rectangular design approximate size 5" x 3"; minimum viewing area of 15 square inches.

PAINT COLOR

To be same color as Dulux 93-032. Paint color code to be indicated on production code plate.

PILOT INSPECTION

On any order of 15 vehicles or more and prior to initial delivery of police vehicles, the manufacturer shall schedule a pilot model inspection in order to determine compliance with the specifications. The inspection shall be conducted at each point of vehicle assembly. The manufacturer will be responsible for all travel costs incurred for the pilot inspection.

PRE-DELIVERY SERVICE

Vehicles to undergo pre-delivery service as provided in the State of Michigan Specification Book. May be completed by dealer.

RADIO

Radio to be standard equipment model.

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RADIO NOISE SUPPRESSION

Vehicle to be equipped with standard AM and police radio noise suppression package, to include any optional grounding straps. The vehicle shall not interfere with signals received or transmitted by the mobile police radio system, nor shall the vehicle be affected by the operation of a police mobile transmitter.

RADIO SPEAKER(S)

A permanent magnet speaker(s), either oval or round, to be mounted in the speaker opening(s) provided on the dash/door of the unit. Speaker(s) to be of a quality equal to automotive grade. Speaker leads connected to the speaker terminals, not grounded, shall extend three feet beyond the lower edge of the center of the dashboard. (dealer may install wiring extensions).

Two/Four Speaker Installation: Speakers to be located on left and right sides of the dashboard (preferred location) or positioned in the forward portion of the left and right hand front doors. Four-speaker system to include two additional speakers installed on rear deck shelf. It is preferred voice coil impedance of all speakers combined shall equal 8 ohms, power handling capacity 10 watts, minimum.

REAR WINDOW DEFOGGER

Electrical grid type. Control to be within convenient reach of driver, control switch to be clearly marked as to function.

ROOF TOP REINFORCEMENT

Preferred, install a steel plate at least 2.25 mm thick x 10" wide to the underside of top, centered on the longitudinal centerline of the roof panel. Plate is to extend from the windshield header to the first top cross-member support and is to be welded at both ends. Plate is to hold roof skin in its normal position, not allowing skin to deflect if pressure is applied to top surface. The purpose of the plate is to support the overhead emergency light. **(or)** Roof top membrane support within underside of top, centered on the longitudinal centerline of the roof panel. Membrane support is to hold roof skin in its normal position, not allowing skin to deflect if pressure is applied to top surface. The purpose of the membrane is to support the overhead emergency light.

SEAT ASSEMBLY, FRONT

Bucket seat type, 45/45, or 40/40, individually adjustable. The driver's seat only to be 4-way power minimum (6 or 8 way power preferred). Both seats to have heavy-duty interior construction designed for rugged police use, comfortable foam-padded seat cushions, and backs. To permit the installation of radio equipment, a minimum width of eight (8) inches is required between the bucket seats. Floor mounted shift lever with console not permitted.

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SHELF

Mounted in trunk, a tray/shelf to secure radios and other equipment. May be dealer installed.

SPARE TIRE

Full size spare tire and wheel to be mounted below cargo floor.

SPECIAL ENGINEERING, POLICE PACKAGE

Vehicle to be equipped with the manufacturer's engineered Police Package, capable of emergency high speed vehicle operations.

SPEEDOMETER

Shall be calibrated to within ± 3 mph accuracy, 0 - 140 mph scale minimum. Analog type scale graduations are to be linear and of 1 or 2 mph increments. It may be supplemented or replaced by a digital type speedometer to be in 1 mph increments.

SPOTLIGHTS

Unity ABS plastic spot lamps with LED lamp assembly (Whelen P46SLC) to be mounted on the left-hand and right-hand "A" pillar. Left and right spotlights are to be wired independent of ignition, individually fused with up to 15-amp capacity. Spotlight fuses shall be readily accessible to the driver, with location in the fuse panel preferred. Spotlights shall be factory installed if offered by the vehicle manufacturer. Any non-factory installation shall be authorized by the vehicle manufacturer. Installation is to be approved by Michigan State Police.

STEERING

Power steering, manufacturer to provide steering gear which affords maximum "firm feel" and fast return characteristics designed for high speed pursuit type driving.

STEERING WHEEL

Tilt type steering wheel required. Round with anti-slip surface.

STATE OF MICHIGAN
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SUSPENSION SYSTEM, POLICE

To include heavy-duty springs, front and rear, in combination with heavy-duty shock absorbers, and front and rear heavy-duty stabilizer bars.

TECHNICAL SERVICE BULLETINS

Technical Service Bulletins covering vehicles purchased under this specification must remain available for up to 6 years.

TIRES

Tires (including spare) preferred to be Goodyear, police pursuit radials. Speed rating to meet or exceed vehicle performance capabilities. Tire to be approved by Michigan State Police.

TOOLS

Wheel wrench and jack.

TRANSMISSION

Is to be 5 or 6 speed, fully automatic, heaviest duty available. It must incorporate manual or electronic low gear lockout to prevent manual shifting. Transmission selector lever shall be shortest design available, to minimize intrusion of the equipment mounting area.

TRIM

Front and rear bumper valances (fascias) to be color coordinated. Color to be approved by Michigan State Police.

TRUNK MAT

To be full floor.

TRUNK RELEASE, REMOTE

To be equipped with electrically operated remote control trunk release. Control to be within convenient reach of the driver, located on the right side of the steering column (in glove box not acceptable), centerline of dashboard preferred. Electric system wired independently of ignition switch (battery direct). Dealer may relocate control and/or alter factory wiring to conform to this requirement.

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UPHOLSTERY, FRONT & REAR

Front seats to be upholstered in heavy-duty cloth or combination of heavy-duty cloth and vinyl (blue is preferred or dark charcoal color acceptable). Not all vinyl is acceptable. Rear bench seat to be upholstered in all vinyl.

WHEELS AND COVERS

To be heavy-duty construction, designed for police use, black in color. It is preferred wheels be equipped with hubcaps. Full wheel covers not acceptable.

WINDOWS, POWER

Side windows to be electrically powered with each door having its own window control. The driver's door is to have controls for all windows. Rear door power window switches to be deactivated. Rear power windows to be operable from driver's position only.

WINDSHIELD WIPERS/WASHERS

Multiple speed electric, to include intermittent feature.

WIRING, SPECIAL

Vehicle to include a 30-amp circuit breaker equipped battery feed auxiliary wire, and 30-amp circuit breaker equipped ignition feed auxiliary wire.

NOTE: No dealer advertising to be on vehicles.

QUALIFICATION TESTING

In order to qualify for bidding, all vehicles submitted by manufacturers must meet each of the following performance standards:

1. ACCELERATION

- 0 - 60 MPH - 9.0 seconds or less**
- 0 - 80 MPH - 14.9 seconds or less**
- 0 -100 MPH - 24.6 seconds or less**

Each vehicle will make 4 acceleration runs, and the times for the 4 runs will be averaged.

2. TOP SPEED

A speed of 110 mph must be attained within a distance of 4,838 feet and 120 mph within a distance of 8,985 feet. For purposes to be explained in the test booklet, the vehicle will, after attaining the 120 mph minimum be accelerated to the maximum speed attainable within 14 miles.

3. BRAKE TEST

- a) (Minimum Universal Burnish Procedure) Prior to being transported to the test sites, all test vehicles will have the brakes burnished by MSP staff performing 10 controlled impending skid (threshold) stops from 60 mph.
- b) **Phase 1** - The test vehicle will make ten (10) controlled impending skid (threshold) measured stops from 60 mph.
- c) **Phase2** - After a 3.2-mile cool down performed at 60 mph, the entire sequence will be repeated. The exact initial velocity at the beginning of each 60 - 0 mph decelerations, and the exact distance required to make each stop will be recorded by electronic speed and distance meters.
- d) The twenty (20) measured stops will be used to calculate the average deceleration rate, which is the vehicle's score for this test. Evidence of brake fade and ability of the vehicle to stop in a straight line within its own lane will be evaluated. A minimum of 25.79 ft/sec² average must be attained from phases (a) and (b) of 20 controlled impending skid (threshold) stops.

COMPETITIVE TEST CATEGORIES

Each vehicle to be considered for the bid will be evaluated in the following weighted categories:

<u>CATEGORY</u>	<u>CATEGORY WEIGHT</u>
Vehicle Dynamics	30 Points
Braking	25 Points
0 - 100 Acceleration	20 Points
Top-Speed	10 Points
Ergonomics/Communications	10 Points
Fuel Economy	5 Points

SCORING METHODOLOGY

Raw Score: A raw score is developed for each vehicle by testing in each of the above categories. These scores are expressed in terms of seconds, miles-per-hour, feet-per-second², points, and miles-per-gallon.

Deviation Factor: The best scoring vehicle in each test category receives a “0” as its deviation factor. The decimal equivalent of the percentage by which each of the other vehicles varies from the best score in that category is that vehicle’s deviation factor.

Weighted Category Score: Each vehicle’s weighted category score is determined by multiplying its deviation factor (as determined above) by the category weight.

Total Weighted Score: The total weighted score for each vehicle is derived by adding together the six (6) weighted category scores for that vehicle.

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3905-0014A

PATROL: POLICE SPECIAL SERVICE VEHICLE –
LARGE 4 DOOR SPORT UTILITY 2-WHEEL DRIVE
ALTERNATE FUEL
(Payload-900 lbs., min.)

MODEL-2018 CURRENT

PRELIMINARY REQUIREMENTS:

Option Code SSV
Transmission: Automatic

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Battery-12 Volt, 500 CCA, minimum.
- Bumper-Rear, Mfg. Std.
- Defogger-rear window.
- Spare tire and wheel. Full Size. Mfg. Std. mounting.
- Wrench-wheel.

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3905-0015A

PATROL: POLICE SPECIAL SERVICE VEHICLE –
LARGE 4 DOOR SPORT UTILITY 4-WHEEL DRIVE
ALTERNATE FUEL
(Payload-900 lbs., min.)

MODEL-2018 CURRENT

PRELIMINARY REQUIREMENTS:

Option Code SSV
Transmission: Automatic

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Battery-12 Volt, 500 CCA, minimum.
- Bumper-Rear, Mfg. Std.
- Defogger-rear window.
- Spare tire and wheel. Full Size. Mfg. Std. mounting.
- Wrench-wheel.

STATE OF MICHIGAN
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Mich. Spec. # 3905-0016
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POLICE CAR: PATROL
4-Door Utility Vehicle
All Wheel Drive
Construction- Monocoque (Unitized) type
Large
(120+ cubic feet volume)

MAKE

Ford Police Interceptor – E85 Capable

BID REQUIREMENTS

Prior to bidding, a car dealer, manufacturer, or representative will be required to furnish a “police package” vehicle for test purposes. All test vehicles shall be **2018** models, which are equipped with the drive train, suspension, and brake components, as well as tires and interior appointments and instrumentation as called for in the specification requirements on all vehicles in this requisition. Submitters of vehicles shall declare in writing any deviations from the specifications at the time of delivery of these test vehicles. Interior and exterior colors shall be the manufacturer’s option. One extra set of engine belts and four (4) wheels and tires shall be provided on test day for each car submitted. Test vehicles submitted shall have undergone sufficient break-in to permit extended periods of maximum acceleration and high speed driving. Brakes on the test car shall have been burnished prior to delivery.

**Test cars shall be delivered to the Vehicle and Travel Services,
State Secondary Complex, (517) 322-5000
6951 Crowner Drive, Lansing, Michigan, 48913
no later than 4 p.m., Thursday, August 30, 2012.**

Each vehicle will be subjected to six competitive and qualification tests. Any vehicle which fails to meet the minimum standards found under the Qualification Testing section of this specification will not be considered for this bid.

The State of Michigan shall not be responsible for any damage during the tests or the condition of the vehicle when returned to the submitter after testing. Furthermore, all cars tested will be at the owner’s risk for any damage occurring to the vehicles for any reason. The test vehicles will be tested and driven under the supervision of the Michigan Department of State Police by employees of the department or personnel designated by the department.

Vehicles used for testing will be available for pick up by the submitter no later than one (1) month following completion of testing.

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SPECIFICATION

MODEL

2018 CURRENT NEW - STANDARD FACTORY EQUIPPED:

Vehicles to be factory equipped with the following items, unless dealer installation is herein permitted.

AIR BAGS

Vehicle to be equipped with driver frontal-impact airbag, passenger frontal impact air bag, side-impact curtain roof rail airbags, and thoracic seat airbags.

AIR CONDITIONING

System must be designed to prevent component damage due to high speed driving.

ALTERNATOR

Transistorized regulator, minimum curb idle output of 110 amps at 221 degrees Fahrenheit, (at manufacturer's recommended idle speed). Shall be of heavy-duty design, capable of surviving patrol car operation. Maximum output shall be at least 130 amps at 221 degrees Fahrenheit. Output ratings are for typical summer under hood ambient temperatures measured at 221 degrees Fahrenheit and not S.A.E rating method.

ANTENNA

Vehicle to be equipped with standard AM/FM original equipment antenna embedded in glass. Mast type antenna not acceptable.

ANTIFREEZE

To be equipped with antifreeze protection to -35 degrees F minimum.

BATTERY

12 volt, minimum 720 cold cranking amps.

BODY SIDE MOLDING

Vehicle to be equipped with body side molding. Molding on front doors to be deleted, preferred. No holes to be on doors for moldings.

BRAKES

Vehicle to be equipped with power assisted four-wheel disc anti-lock brake system.

POWER PORT(S) PREFERRED

To be located on instrument panel, wired independent of ignition system.

COOLING SYSTEM

Vehicle to have maximum size cooling system available, incorporating "coolant recovery" system.

DIFFERENTIAL

Heavy duty, final drive assembly.

ENGINE

Engine to be the largest cubic inch/liter displacement available in the model of the vehicle submitted, with specific displacement to the manufacturer's option, providing the car will meet or exceed the vehicle performance requirements in the Qualification Testing section of this specification.

FUEL SYSTEM

Fuel system shall be gasoline and/or E85 capable. System shall be able to operate at various percentages of the two fuel mixtures.

FLOOR MAT

Full floor mat, heavy-duty rubber or vinyl, front and rear.

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Mich. Spec. # **3905-0016**
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GLASS

All windows shall be heat absorbing (tinted) type.

HEADLIGHTS

To be equipped with high and low beam quartz-halogen headlights. If vehicle is equipped with Daylight Running Lights, it must incorporate a means (switch system) to make the lights inoperable at drivers' discretion.

HOOD LATCH RELEASE

To be equipped with inside hood latch release.

IGNITION SECURITY

Vehicle must be equipped with an ignition security device. This device allows the user to leave the engine running and doors unlocked and prevent the vehicle from unauthorized use. The device can be FOB sense or key bypass type. If an unauthorized person attempts vehicle movement, the device should shut off the engine or prevent the vehicle from being shifted into gear.

KEYS

Three (3) keys to be furnished with each car. Third key may be dealer supplied on original equipment blank only. Other key blanks may be generic copies.

LICENSE PLATE BRACKETS

Vehicle shall be equipped with manufacturer supplied front and rear license plate brackets. Dealer may install.

LIGHTS, INTERIOR

Dome light to be mounted on headliner on longitudinal centerline of vehicle approximately 25" from windshield garnish molding. Operation to be independent of other lights. Vehicle to be equipped with two, separately switched, map lights, to direct a restricted beam of light to the driver and/or the front seat passenger. Exact mounting position to be approved by the Michigan State Police. No interior light to be illuminated by open doors.

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LIGHT, ENGINE & TRUNK COMPARTMENT

To be equipped with an engine and trunk compartment light controlled by body computer or ball bearing switch.

LOCKS

To be equipped with power door locks. All locks on a car to be keyed alike, different key for each car.

MIRRORS, REARVIEW (INSIDE)

Day/night type.

MIRRORS, SIDEVIEW (OUTSIDE)

Remote control type, installed on left-hand and right-hand doors. Controls to be within convenient reach of driver. Rectangular design approximate size 5" x 3"; minimum viewing area of 15 square inches.

PAINT COLOR

To be same color as Dulux 93-032. Paint color code to be indicated on production code plate.

PILOT INSPECTION

On any order of 15 vehicles or more and prior to initial delivery of police vehicles, the manufacturer shall schedule a pilot model inspection in order to determine compliance with the specifications. The inspection shall be conducted at each point of vehicle assembly. The manufacturer will be responsible for all travel costs incurred for the pilot inspection.

PRE-DELIVERY SERVICE

Vehicles to undergo pre-delivery service as provided in the State of Michigan Specification Book. May be completed by dealer.

RADIO

Radio to be standard equipment model.

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RADIO NOISE SUPPRESSION

Vehicle to be equipped with standard AM and police radio noise suppression package, to include any optional grounding straps. The vehicle shall not interfere with signals received or transmitted by the mobile police radio system, nor shall the vehicle be affected by the operation of a police mobile transmitter.

RADIO SPEAKER(S)

A permanent magnet speaker(s), either oval or round, to be mounted in the speaker opening(s) provided on the dash/door of the unit. Speaker(s) to be of a quality equal to automotive grade. Speaker leads connected to the speaker terminals, not grounded, shall extend three feet beyond the lower edge of the center of the dashboard, (dealer may install wiring extensions).

Two/Four Speaker Installation: Speakers to be located on left and right sides of the dashboard (preferred location) or positioned in the forward portion of the left and right hand front doors. Four-speaker system to include two additional speakers installed on rear deck shelf. It is preferred voice coil impedance of all speakers combined shall equal 8 ohms, power handling capacity 10 watts, minimum.

REAR WINDOW DEFOGGER

Electrical grid type. Control to be within convenient reach of driver, control switch to be clearly marked as to function.

ROOF TOP REINFORCEMENT

Preferred, install a steel plate at least 2.25 mm thick x 10" wide to the underside of top, centered on the longitudinal centerline of the roof panel. Plate is to extend from the windshield header to the first top cross-member support and is to be welded at both ends. Plate is to hold roof skin in its normal position, not allowing skin to deflect if pressure is applied to top surface. The purpose of the plate is to support the overhead emergency light. **(or)** Roof top membrane support within underside of top, centered on the longitudinal centerline of the roof panel. Membrane support is to hold roof skin in its normal position, not allowing skin to deflect if pressure is applied to top surface. The purpose of the membrane is to support the overhead emergency light.

SEAT ASSEMBLY, FRONT

Bucket seat type, 45/45, or 40/40, individually adjustable. The driver's seat only to be 4-way power minimum (6 or 8 way power preferred). Both seats to have heavy-duty interior construction designed for rugged police use, comfortable foam-padded seat cushions, and backs. To permit the installation of radio equipment, a minimum width of eight (8) inches is required between the bucket seats. Floor mounted shift lever with console not permitted.

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SHELF

Mounted in trunk, a tray/shelf to secure radios and other equipment. May be dealer installed.

SPARE TIRE

Full size spare tire and wheel to be mounted under the cargo floor.

SPECIAL ENGINEERING, POLICE PACKAGE

Vehicle to be equipped with the manufacturer's engineered Police Package, capable of emergency high speed vehicle operations.

SPEEDOMETER

Shall be calibrated to within ± 3 mph accuracy, 0 - 140 mph scale minimum. Analog type scale graduations are to be linear and of 1 or 2 mph increments. It may be supplemented or replaced by a digital type speedometer to be in 1 mph increments.

SPOTLIGHTS

Unity ABS plastic spot lamps with LED lamp assembly (Whelen P46SLC) to be mounted on the left-hand and right-hand "A" pillar. Left and right spotlights are to be wired independent of ignition, individually fused with up to 15-amp capacity. Spotlight fuses shall be readily accessible to the driver, with location in the fuse panel preferred. Spotlights shall be factory installed if offered by the vehicle manufacturer. Any non-factory installation shall be authorized by the vehicle manufacturer. Installation is to be approved by Michigan State Police.

STEERING

Power steering, manufacturer to provide steering gear which affords maximum "firm feel" and fast return characteristics designed for high speed pursuit type driving.

STEERING WHEEL

Tilt type steering wheel required. Round with anti-slip surface.

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

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SUSPENSION SYSTEM, POLICE

To include heavy-duty springs, front and rear, in combination with heavy-duty shock absorbers, and front and rear heavy-duty stabilizer bars.

TECHNICAL SERVICE BULLETINS

Technical Service Bulletins covering vehicles purchased under this specification must remain available for up to 6 years.

TIRES

Tires (including spare) preferred to be Goodyear, police pursuit radials. Speed rating to meet or exceed vehicle performance capabilities. Tire to be approved by Michigan State Police.

TOOLS

Wheel wrench and jack.

TRANSMISSION

Is to be 5 or 6 speed, fully automatic, heaviest duty available. It must incorporate manual or electronic low gear lockout to prevent manual shifting. Transmission selector lever shall be shortest design available, to minimize intrusion of the equipment mounting area.

TRIM

Front and rear bumper valances (fascias) to be color coordinated. Color to be approved by Michigan State Police.

TRUNK MAT

To be full floor.

TRUNK RELEASE, REMOTE

To be equipped with electrically operated remote control trunk release. Control to be within convenient reach of the driver, located on the right side of the steering column (in glove box not acceptable), centerline of dashboard preferred. Electric system wired independently of ignition switch (battery direct). Dealer may relocate control and/or alter factory wiring to conform to this requirement.

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UPHOLSTERY, FRONT & REAR

Front seats to be upholstered in heavy-duty cloth or combination of heavy-duty cloth and vinyl (blue is preferred or dark charcoal color acceptable). Not all vinyl is acceptable. Rear bench seat to be upholstered in all vinyl.

WHEELS AND COVERS

To be heavy-duty construction, designed for police use, black in color. It is preferred wheels be equipped with hubcaps. Full wheel covers not acceptable.

WINDOWS, POWER

Side windows to be electrically powered with each door having its own window control. The driver's door is to have controls for all windows. Rear door power window switches to be deactivated. Rear power windows to be operable from driver's position only.

WINDSHIELD WIPERS/WASHERS

Multiple speed electric, to include intermittent feature.

WIRING, SPECIAL

Vehicle to include a 30-amp circuit breaker equipped battery feed auxiliary wire, and 30-amp circuit breaker equipped ignition feed auxiliary wire.

NOTE: No dealer advertising to be on vehicles.

QUALIFICATION TESTING

In order to qualify for bidding, all vehicles submitted by manufacturers must meet each of the following performance standards:

1. **ACCELERATION**

- 0 - 60 MPH - 9.0 seconds or less
- 0 - 80 MPH - 14.9 seconds or less
- 0 -100 MPH - 24.6 seconds or less

Each vehicle will make 4 acceleration runs, and the times for the 4 runs will be averaged.

2. **TOP SPEED**

A speed of 110 mph must be attained within a distance of 4,838 feet and 120 mph within a distance of 8,985 feet. For purposes to be explained in the test booklet, the vehicle will, after attaining the 120 mph minimum be accelerated to the maximum speed attainable within 14 miles.

3. **BRAKE TEST**

- a) (Minimum Universal Burnish Procedure) Prior to being transported to the test sites, all test vehicles will have the brakes burnished by MSP staff performing 10 controlled impending skid (threshold) stops from 60 mph.
- b) **Phase 1** - The test vehicle will make ten (10) controlled impending skid (threshold) measured stops from 60 mph.
- c) **Phase2** - After a 3.2-mile cool down performed at 60 mph, the entire sequence will be repeated. The exact initial velocity at the beginning of each 60 - 0 mph decelerations, and the exact distance required to make each stop will be recorded by electronic speed and distance meters.
- d) The twenty (20) measured stops will be used to calculate the average deceleration rate, which is the vehicle's score for this test. Evidence of brake fade and ability of the vehicle to stop in a straight line within its own lane will be evaluated. A minimum of 25.79 ft/sec² average must be attained from phases (a) and (b) of 20 controlled impending skid (threshold) stops.

COMPETITIVE TEST CATEGORIES

Each vehicle to be considered for the bid will be evaluated in the following weighted categories:

<u>CATEGORY</u>	<u>CATEGORY WEIGHT</u>
Vehicle Dynamics	30 Points
Braking	25 Points
0 - 100 Acceleration	20 Points
Top-Speed	10 Points
Ergonomics/Communications	10 Points
Fuel Economy	5 Points

SCORING METHODOLOGY

Raw Score: A raw score is developed for each vehicle by testing in each of the above categories. These scores are expressed in terms of seconds, miles-per-hour, feet-per-second², points, and miles-per-gallon.

Deviation Factor: The best scoring vehicle in each test category receives a “0” as its deviation factor. The decimal equivalent of the percentage by which each of the other vehicles varies from the best score in that category is that vehicle’s deviation factor.

Weighted Category Score: Each vehicle’s weighted category score is determined by multiplying its deviation factor (as determined above) by the category weight.

Total Weighted Score: The total weighted score for each vehicle is derived by adding together the six (6) weighted category scores for that vehicle.

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3905-0018

TWO WHEEL DRIVE UTILITY VEHICLE: 5 PASSENGER, 4 DOOR,
FRONT WHEEL DRIVE
Automatic Transmission

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL MICHIGAN DEPARTMENT OF TRANSPORTATION (MDOT) OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on all MDOT passenger vehicles.

- | | |
|---|--|
| ✓ | Camera; rearview (in dash monitor) |
| ✓ | Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery |
| ✓ | Locks; power with remote |
| ✓ | Lug wrench and jack |
| ✓ | Radio; AM/FM w/Bluetooth |
| ✓ | Traction Control |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3905-0018A

TWO WHEEL DRIVE UTILITY VEHICLE: 5 PASSENGER, 4 DOOR,
FRONT WHEEL DRIVE – ALTERNATIVE FUEL
Automatic Transmission

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL MICHIGAN DEPARTMENT OF TRANSPORTATION (MDOT)
OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on all MDOT passenger vehicles.

- | | |
|---|--|
| ✓ | Camera; rearview (in dash monitor) |
| ✓ | Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery |
| ✓ | Locks; power with remote |
| ✓ | Lug wrench and jack |
| ✓ | Radio; AM/FM w/Bluetooth |
| ✓ | Traction Control |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3905-0018B

TWO WHEEL DRIVE UTILITY VEHICLE: 5 PASSENGER, 4 DOOR,
ALL-WHEEL DRIVE
Automatic Transmission

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL MICHIGAN DEPARTMENT OF TRANSPORTATION (MDOT) OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on all MDOT passenger vehicles.

- | | |
|---|--|
| ✓ | Camera; rearview (in dash monitor) |
| ✓ | Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery |
| ✓ | Locks; power with remote |
| ✓ | Lug wrench and jack |
| ✓ | Radio; AM/FM w/Bluetooth |
| ✓ | Traction Control |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3905-0019

TWO WHEEL DRIVE UTILITY VEHICLE: 6-8 PASSENGER, 4 DOOR,
FRONT WHEEL DRIVE

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

**ADDITIONAL MICHIGAN DEPARTMENT OF TRANSPORTATION (MDOT)
OPTIONS:**

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on all MDOT passenger vehicles.

- | | |
|---|--|
| ✓ | Camera; rearview (in dash monitor) |
| ✓ | Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery |
| ✓ | Locks; power with remote |
| ✓ | Lug wrench and jack |
| ✓ | Radio; AM/FM w/Bluetooth |
| ✓ | Traction Control |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0020

LIGHT DUTY TRUCK I: PICK-UP BODY **MIDSIZE**, REGULAR CAB
(Approx. 6' Box) (Payload-1,000 lbs., min.)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as "STANDARD FACTORY EQUIPPED" and are to be included on this vehicle.

- | | |
|---|--|
| ✓ | Axle; rear-limited slip. |
| ✓ | Battery; 12 Volt, 475 CCA min. |
| ✓ | Bumper; Mfg. Std. |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Lug wrench |
| ✓ | Spare tire and wheel; Full size. Mfg. Std. mounting. |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0023

LIGHT DUTY TRUCK I: PICK-UP BODY MIDSIZE, EXTENDED CAB
(Approx. 6' Box) (Payload-1,260 lbs., min.)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as "STANDARD FACTORY EQUIPPED" and are to be included on this vehicle.

- | | |
|---|--|
| ✓ | Axle; rear-limited slip. |
| ✓ | Battery; 12 Volt, 475 CCA min. |
| ✓ | Bumper; Mfg. Std. |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Lug wrench |
| ✓ | Seats; rear. |
| ✓ | Spare tire and wheel; Full size. Mfg. Std. mounting. |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0025

LIGHT DUTY TRUCK I: PICK-UP BODY, REGULAR CAB
(6' Box) (Payload-1,600 lbs., min.)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as "STANDARD FACTORY EQUIPPED" and are to be included on this vehicle.

- | | |
|---|--|
| ✓ | Axle; rear-limited slip. |
| ✓ | Battery; 12 Volt, 540 CCA min. |
| ✓ | Bumper; Mfg. Std. |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Lug wrench |
| ✓ | Seats; cloth. |
| ✓ | Spare tire and wheel; Full size. Mfg. Std. mounting. |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0026

LIGHT DUTY TRUCK I: PICK-UP BODY, REGULAR CAB
(8 Foot Box) (Payload-1,600 lbs., min.)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- | | |
|---|--|
| ✓ | Axle; rear-limited slip. |
| ✓ | Battery; 12 Volt, 540 CCA min. |
| ✓ | Bumper; Mfg. Std. |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Lug wrench |
| ✓ | Spare tire and wheel; Full size. Mfg. Std. mounting. |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0026A

LIGHT DUTY TRUCK I: PICK-UP BODY, REGULAR CAB
ALTERNATE FUEL VEHICLES
(8 Foot Box) (Payload-1,500 lbs., min.)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Axle; rear-limited slip.
- Battery; 12 Volt, 540 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Full size. Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT passenger vehicle.

- Alarm; Back up
- Battery; 12 volt 730CCA, minimum
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Camera; rearview (in dash monitor)
- Differential; heavy duty locking rear
- Engine; V8 gas engine with 6 speed automatic transmission
- Fuel capacity; largest available from mfg.
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Radio; AM/FM w/Bluetooth
- Seats: Cloth 40/20/40 split bench seat.
- Spare tire and wheel, full size. Mfg. standard mounting
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Transmission cooler; external auxiliary

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0027

LIGHT DUTY TRUCK I: PICK-UP BODY, EXTENDED CAB
(8 Foot Box, Payload-1,400 lbs., min.)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- | | |
|---|--|
| ✓ | Axle; rear-limited slip. |
| ✓ | Battery; 12 Volt, 540 CCA min. |
| ✓ | Bumper; Mfg. Std. |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Lug wrench |
| ✓ | Seat; Rear - front facing bench |
| ✓ | Spare tire and wheel; Full size. Mfg. Std. mounting. |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0027A

LIGHT DUTY TRUCK I: PICK-UP BODY, EXTENDED CAB
ALTERNATE FUEL VEHICLES
(8 Foot Box) (Payload-1,400 lbs., min.)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- | | |
|---|--|
| ✓ | Axle; rear-limited slip. |
| ✓ | Battery; 12 Volt, 540 CCA min. |
| ✓ | Bumper; Mfg. Std. |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Lug wrench |
| ✓ | Spare tire and wheel; Full size. Mfg. Std. mounting. |

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- | | |
|---|--|
| ✓ | Alarm; Back up |
| ✓ | Battery; 12 volt 730CCA, minimum |
| ✓ | Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std. |
| ✓ | Camera; rearview (in dash monitor) |
| ✓ | Differential; heavy duty locking rear |
| ✓ | Engine; V8 gas engine with 6 speed automatic transmission |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery |
| ✓ | Locks; power with remote |
| ✓ | Lug wrench and jack |
| ✓ | Mirrors; extendable trailering |
| ✓ | Radio; AM/FM w/Bluetooth |
| ✓ | Seats: Cloth 40/20/40 split bench seat. |
| ✓ | Spare tire and wheel, full size. Mfg. standard mounting |
| ✓ | Towing Package; heaviest duty available from mfg. |
| ✓ | Trailer brake controller; integrated |
| ✓ | Transmission cooler; external auxiliary |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0028

LIGHT DUTY TRUCK I: PICK-UP BODY, EXTENDED CAB
(6 Foot Box, Payload-1,400 lbs., min.)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

T The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- | | |
|---|--|
| ✓ | Axle; rear-limited slip. |
| ✓ | Battery; 12 Volt, 540 CCA min. |
| ✓ | Bumper; Mfg. Std. |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Lug wrench |
| ✓ | Seat; Rear - front facing bench |
| ✓ | Spare tire and wheel; Full size. Mfg. Std. mounting. |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0028A

LIGHT DUTY TRUCK I: PICK-UP BODY, EXTENDED CAB
ALTERNATE FUEL VEHICLES
(6 Foot Box) (Payload-1,400 lbs., min.)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Axle; rear-limited slip.
- Battery; 12 Volt, 540 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Full size. Mfg. Std. mounting.
- Towing capacity; heaviest available Mfg. Std.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Alarm; Back up
- Battery; 12 volt 730CCA, minimum
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Camera; rearview (in dash monitor)
- Differential; heavy duty locking rear
- Engine; V8 gas engine with 6 speed automatic transmission
- Fuel capacity; largest available from mfg.
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Seats: Cloth 40/20/40 split bench seat.
- Spare tire and wheel, full size. Mfg. standard mounting
- Spray in bed liner (under rail)
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0029

LIGHT DUTY TRUCK I: PICK-UP BODY, REGULAR CAB
(8' Box) (Payload-3,240 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

G.V.W.R. 8,600 (lbs.), minimum

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as "STANDARD FACTORY EQUIPPED" and are to be included on this vehicle.

- Axle; rear-limited slip.
- Battery; 12 Volt, 600 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Full size. Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as "STANDARD FACTORY EQUIPPED" and are to be included on this MDOT vehicle.

- Alarm; Back up
- Alternator; 220 Amp
- Battery; 12 volt 730CCA, minimum, plus 12 volt 730CCA auxiliary
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Camera; rearview (in dash monitor)
- Differential; heavy duty locking rear
- Engine; V8 gas engine with 6 speed automatic transmission
- Fuel capacity; largest available from mfg.
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Seats: Cloth 40/20/40 split bench seat.
- Spare tire and wheel, full size. Mfg. standard mounting
- Spray in bed liner (under rail)
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary
- Up fitter switches

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3958-0029D**

LIGHT DUTY TRUCK I: PICK-UP BODY, REGULAR CAB, DIESEL
(8' Box) (Payload-3,240 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

G.V.W.R. 8,600 (lbs.), minimum

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as "STANDARD FACTORY EQUIPPED" and are to be included on this vehicle.

- Axle; rear-limited slip.
- Battery; 12 Volt, 600 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Full size. Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as "STANDARD FACTORY EQUIPPED" and are to be included on this MDOT vehicle.

- Alarm; Back up
- Alternator; 220 Amp
- Battery; 12 volt 730CCA, minimum, plus 12 volt 730CCA auxiliary
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Camera; rearview (in dash monitor)
- Differential; heavy duty locking rear
- Fuel capacity; largest available from mfg.
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Seats: Cloth 40/20/40 split bench seat.
- Spare tire and wheel, full size. Mfg. standard mounting
- Spray in bed liner (under rail)
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary
- Up fitter switches

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0030

LIGHT DUTY TRUCK I: PICK-UP BODY, EXTENDED CAB
(8 Foot Box) (Payload-3,000 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

G.V.W.R. 8,600 (lbs.), minimum

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Axle; rear-limited slip.
- Battery; 12 Volt, 600 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Seat; Rear - front facing bench
- Spare tire and wheel; Full size. Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Alarm; Back up
- Alternator; 220 Amp
- Battery; 12 volt 730CCA, minimum, plus 12 volt 730CCA auxiliary
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Camera; rearview (in dash monitor)
- Differential; heavy duty locking rear
- Engine; V8 gas engine with 6 speed automatic transmission
- Fuel capacity; largest available from mfg.
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Seats: Front, cloth 40/20/40 split bench seat. Rear, cloth, full width forward facing
- Spare tire and wheel, full size. Mfg. standard mounting
- Spray in bed liner (under rail)
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary
- Up fitter switches

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3958-0030A**

LIGHT DUTY TRUCK I: PICK-UP BODY, EXTENDED CAB
ALTERNATE FUEL VEHICLES
(8 Foot Box) (Payload-1,400 lbs., min.)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Axle; rear-limited slip.
- Battery; 12 Volt, 540 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Full size. Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Alarm; Back up
- Battery; 12 volt 730CCA, minimum
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Camera; rearview (in dash monitor)
- Differential; heavy duty locking rear
- Engine; V8 gas engine with 6 speed automatic transmission
- Fuel capacity; largest available from mfg.
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Seats: Front, cloth 40/20/40 split bench seat. Rear, cloth, full width forward facing
- Spare tire and wheel, full size. Mfg. standard mounting
- Spray in bed liner (under rail)
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3958-0030D**

LIGHT DUTY TRUCK I: PICK-UP BODY, EXTENDED CAB, DIESEL
(8 Foot Box) (Payload-3,000 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

G.V.W.R. 8,600 (lbs.), minimum

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Axle; rear-limited slip.
- Battery; 12 Volt, 600 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Seat; Rear - front facing bench
- Spare tire and wheel; Full size. Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Alarm; Back up
- Battery; 12 volt 730CCA, minimum
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Camera; rearview (in dash monitor)
- Differential; heavy duty locking rear
- Fuel capacity; largest available from mfg.
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Seats: Front, cloth 40/20/40 split bench seat. Rear, cloth, full width forward facing
- Spare tire and wheel, full size. Mfg. standard mounting
- Spray in bed liner (under rail)
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary
- Up fitter switches

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3958-0031**

LIGHT DUTY TRUCK I: PICK-UP BODY, EXTENDED CAB
(6 Foot Box) (Payload-3,000 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

G.V.W.R. 8,800 (lbs.), minimum

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Axle; rear-limited slip.
- Battery; 12 Volt, 600 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Seat; Rear - front facing bench
- Spare tire and wheel; Full size. Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Alarm; Back up
- Alternator; 220 Amp
- Battery; 12 volt 730CCA, minimum, plus 12 volt 730CCA auxiliary
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Camera; rearview (in dash monitor)
- Differential; heavy duty locking rear
- Engine; V8 gas engine with 6 speed automatic transmission
- Fuel capacity; largest available from mfg.
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Seats: Front, cloth 40/20/40 split bench seat. Rear, cloth, full width forward facing
- Spare tire and wheel, full size. Mfg. standard mounting
- Spray in bed liner (under rail)
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary
- Up fitter switches

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3958-0031D**

LIGHT DUTY TRUCK I: PICK-UP BODY, EXTENDED CAB, DIESEL
(6 Foot Box) (Payload-3,000 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

G.V.W.R. 8,800 (lbs.), minimum

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Axle; rear-limited slip.
- Battery; 12 Volt, 600 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Seat; Rear - front facing bench
- Spare tire and wheel; Full size. Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Alarm; Back up
- Battery; 12 volt 730CCA, minimum
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Camera; rearview (in dash monitor)
- Differential; heavy duty locking rear
- Fuel capacity; largest available from mfg.
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Seats: Front, cloth 40/20/40 split bench seat. Rear, cloth, full width forward facing
- Spare tire and wheel, full size. Mfg. standard mounting
- Spray in bed liner (under rail)
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary
- Up fitter switches

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0032

VANS AND LARGE UTILITY VEHICLES: CARGO VAN BODY
(Payload-1,700 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

Wheelbase (inches), 125 minimum

Engine: Type & No. of Cylinders, 8 minimum

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- | | |
|---|--|
| ✓ | Axle; rear-limited slip. |
| ✓ | Battery; 12 Volt, 600 CCA min. |
| ✓ | Bumper; Mfg. Std. |
| ✓ | Doors; Panel rear-Window in top of each door. Locks on all doors. Door right side, hinged. |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Lug wrench |
| ✓ | Seat(s); High back, driver and passenger. |
| ✓ | Spare tire and wheel; Full size. Mfg. Std. mounting. |
| ✓ | Window(s); Glass, side and rear door |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0032A

VANS AND LARGE UTILITY VEHICLES: CARGO VAN BODY
ALTERNATIVE FUEL
(Payload-1,700 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

Wheelbase (inches), 125 minimum

Engine: Type & No. of Cylinders, 8 minimum

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as "STANDARD FACTORY EQUIPPED" and are to be included on this vehicle.

- | | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | Axle; rear-limited slip. |
| <input checked="" type="checkbox"/> | Battery; 12 Volt, 600 CCA min. |
| <input checked="" type="checkbox"/> | Bumper; Mfg. Std. |
| <input checked="" type="checkbox"/> | Doors; Panel rear-Window in top of each door. Locks on all doors. Door right side, hinged. |
| <input checked="" type="checkbox"/> | Fuel capacity; largest available from mfg. |
| <input checked="" type="checkbox"/> | Lug wrench |
| <input checked="" type="checkbox"/> | Seat(s); High back, driver and passenger. |
| <input checked="" type="checkbox"/> | Spare tire and wheel; Full size. Mfg. Std. mounting. |
| <input checked="" type="checkbox"/> | Window(s); Glass, side and rear door |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3905-0034

VANS AND LARGE UTILITY VEHICLES: UTILITY, 4-DOOR, 5-6 PASSENGER,
FULL SIZE
(Payload-1,500 lbs., min.)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Axle; rear-limited slip.
- Battery; 12 Volt, 600 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Seat(s); Full bench front & full width seat facing forward behind of the front seat.
- Spare tire and wheel; Full size. Mfg. Std. mounting.

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3905-0034A

VANS AND LARGE UTILITY VEHICLES: UTILITY, 4-DOOR, 5-6 PASSENGER,
FULL SIZE, ALTERNATIVE FUEL
(Payload-1,500 lbs., min.)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- | | |
|---|--|
| ✓ | Axle; rear-limited slip. |
| ✓ | Battery; 12 Volt, 600 CCA min. |
| ✓ | Bumper; Mfg. Std. |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Lug wrench |
| ✓ | Seat(s); Full bench front & full width seat facing forward behind of the front seat. |
| ✓ | Spare tire and wheel; Full size. Mfg. Std. mounting. |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3905-0035

VANS AND LARGE UTILITY VEHICLES: VAN, 8 PASSENGER
(Payload-1,600 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS

Engine: Type & No. of Cylinders, 8 minimum

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- | | |
|---|---|
| ✓ | Axle; rear-limited slip. |
| ✓ | Battery; 12 Volt, 600 CCA min. |
| ✓ | Body Finished interior; (No exposed outside body sheet metal) full length headlined |
| ✓ | Bumper; Mfg. Std. |
| ✓ | Door(s); Right side, hinged. |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Lug wrench |
| ✓ | Spare tire and wheel; Full size. Mfg. Std. mounting. |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3905-0035A

VANS AND LARGE UTILITY VEHICLES: VAN, 8 PASSENGER
ALTERNATIVE FUEL
(Payload-1,600 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS

Engine: Type & No. of Cylinders, 8 minimum

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as "STANDARD FACTORY EQUIPPED" and are to be included on this vehicle.

- | | |
|---|---|
| ✓ | Axle; rear-limited slip. |
| ✓ | Battery; 12 Volt, 600 CCA min. |
| ✓ | Body Finished interior; (No exposed outside body sheet metal) full length headlined |
| ✓ | Bumper; Mfg. Std. |
| ✓ | Door(s); Right side, hinged. |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Lug wrench |
| ✓ | Spare tire and wheel; Full size. Mfg. Std. mounting. |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3905-0036

VANS AND LARGE UTILITY VEHICLES: UTILITY VEHICLE, 6-PASSENGER,
HALF TON
(Payload-1,500 lbs., min.)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Axle; rear-limited slip.
- Battery; 12 Volt, 600 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Full size. Mfg. Std. mounting.

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3905-0036A

VANS AND LARGE UTILITY VEHICLES: UTILITY VEHICLE, 6-PASSENGER,
HALF TON, ALTERNATIVE FUEL
(Payload-1,500 lbs., min.)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- | | |
|---|--|
| ✓ | Axle; rear-limited slip. |
| ✓ | Battery; 12 Volt, 600 CCA min. |
| ✓ | Bumper; Mfg. Std. |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Lug wrench |
| ✓ | Spare tire and wheel; Full size. Mfg. Std. mounting. |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3905-0037

VANS AND LARGE UTILITY VEHICLES: VAN, 12 PASSENGER
(Payload-2,649 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

G.V.W.R. 8,600 (lbs.), minimum

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Battery; 12 Volt, 600 CCA min.
- Body Finished interior; (No exposed outside body sheet metal) full length headlined
- Bumper; Mfg. Std.
- Door(s); Right side, hinged. Rear panel doors with glass.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Full size. Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Air conditioning; Front and Rear
- Battery; 12 volt 770CCA, minimum
- Body Finished interior; (No exposed outside body sheet metal) full length headlined
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Camera; rearview (in dash monitor)
- Differential; heavy duty locking rear
- Door(s); Right side, hinged. Rear panel doors with glass
- Fuel capacity; largest available from mfg.
- Glass; Deep tinted or privacy, all around, movable side door window(s), fixed or movable rear door glass
- Heater; auxiliary-passenger compartment
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Seats; Cloth, Front, high back drivers and passenger and 3 bench seats
- Spare tire and wheel, full size. Mfg. standard mounting
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3905-0037A

VANS AND LARGE UTILITY VEHICLES: VAN, 12 PASSENGER
ALTERNATIVE FUEL
(Payload-2,649 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

G.V.W.R. 8,600 (lbs.), minimum

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Battery; 12 Volt, 600 CCA min.
- Body Finished interior; (No exposed outside body sheet metal) full length headlined
- Bumper; Mfg. Std.
- Door(s); Right side, hinged. Rear panel doors with glass.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Full size. Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Air conditioning; Front and Rear
- Battery; 12 volt 770CCA, minimum
- Body Finished interior; (No exposed outside body sheet metal) full length headlined
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Camera; rearview (in dash monitor)
- Differential; heavy duty locking rear
- Door(s); Right-side, hinged. Rear panel doors with glass
- Fuel capacity; largest available from mfg.
- Glass; Deep tinted or privacy, all around, movable side door window(s), fixed or movable rear door glass
- Heater; auxiliary-passenger compartment
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Seats; Cloth, Front, high back drivers and passenger and 3 bench seats
- Spare tire and wheel, full size. Mfg. standard mounting
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3905-0038

VANS AND LARGE UTILITY VEHICLES: UTILITY VEHICLE, EXTENDED
6-PASSENGER, THREE-QUARTER TON
(Payload-2,400 lbs., min.)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Axle; rear-limited slip.
- Battery; 12 Volt, 600 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Full size. Mfg. Std. mounting.

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3958-0039**

VANS AND LARGE UTILITY VEHICLES: CARGO VAN BODY, THREE-QUARTER TON
(Payload-3,100 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

G.V.W.R. 8,550 (lbs.), minimum

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Axle; rear-limited slip.
- Battery; 12 Volt, 600 CCA min.
- Bumper; Mfg. Std.
- Door(s); Rear, window top of each door. Door Right Side, hinged with windows. Locks on all doors.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Full size. Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Alternator; 145 Amp
- Alarm; Back up
- Battery; 12 volt 770CCA, minimum
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Camera; rearview (in dash monitor)
- Differential; heavy duty locking rear
- Doors; Rear, Panel-window in top of each door, Locks on all doors. Door right side, hinged with window
- Engine; 6.0L V8 gas with 6 speed automatic transmission
- Fuel capacity; largest available from mfg.
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Seats; Cloth, Front, high back drivers and passenger
- Spare tire and wheel, full size. Mfg. standard mounting
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3958-0039A**

VANS AND LARGE UTILITY VEHICLES: CARGO VAN BODY, THREE-QUARTER TON
ALTERNATIVE FUEL
(Payload-3,100 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

G.V.W.R. 8,550 (lbs.), minimum

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Axle; rear-limited slip.
- Battery; 12 Volt, 600 CCA min.
- Bumper; Mfg. Std.
- Door(s); Rear, window top of each door. Door Right Side, hinged with windows. Locks on all doors.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Full size. Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Alternator; 145 Amp
- Alarm; Back up
- Battery; 12 volt 770CCA, minimum
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Camera; rearview (in dash monitor)
- Differential; heavy duty locking rear
- Doors; Rear, Panel-window in top of each door, Locks on all doors. Door right side, hinged with window
- Engine; 6.0L V8 gas with 6 speed automatic transmission
- Fuel capacity; largest available from mfg.
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Seats; Cloth, Front, high back drivers and passenger
- Spare tire and wheel, full size. Mfg. standard mounting
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3958-0039T**

VANS AND LARGE UTILITY VEHICLES: CARGO VAN BODY, ONE TON
(Payload-3,900 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

G.V.W.R. 8,550 (lbs.), minimum

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Axle; rear-limited slip.
- Battery; 12 Volt, 600 CCA min.
- Bumper; Mfg. Std.
- Doors; Rear, Panel-window in top of each door, Locks on all doors. Door right side, hinged with window
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Full size. Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Alternator; 145 Amp
- Alarm; Back up
- Battery; 12 volt 770CCA, minimum
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Camera; rearview (in dash monitor)
- Differential; heavy duty locking rear
- Doors; Rear, Panel-window in top of each door, Locks on all doors. Door right side, hinged with window
- Engine; 6.0L V8 gas with 6 speed automatic transmission
- Fuel capacity; largest available from mfg.
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Seats; Cloth, Front, high back drivers and passenger
- Spare tire and wheel, full size. Mfg. standard mounting
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0039TA

VANS AND LARGE UTILITY VEHICLES: CARGO VAN BODY, ONE TON
ALTERNATIVE FUEL
(Payload-3,900 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

G.V.W.R. 8,550 (lbs.), minimum

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Axle; rear-limited slip.
- Battery; 12 Volt, 600 CCA min.
- Bumper; Mfg. Std.
- Doors; Rear, Panel-window in top of each door, Locks on all doors. Door right side, hinged with window
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Full size. Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Alternator; 145 Amp
- Alarm; Back up
- Battery; 12 volt 770CCA, minimum
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Camera; rearview (in dash monitor)
- Differential; heavy duty locking rear
- Doors; Rear, Panel-window in top of each door, Locks on all doors. Door right side, hinged with window
- Engine; 6.0L V8 gas with 6 speed automatic transmission
- Fuel capacity; largest available from mfg.
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Seats; Cloth, Front, high back drivers and passenger
- Spare tire and wheel, full size. Mfg. standard mounting
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3905-0040

VANS AND LARGE UTILITY VEHICLES: VAN-15 PASSENGER

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Air Conditioning; Front and Rear
- Battery; 12 Volt, 600 CCA min.
- Bumper; Front and Rear, Mfg. Std.
- Doors; Passenger, right side, hinged.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Full size. Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Air conditioning; Front and Rear
- Battery; 12 volt 770CCA, minimum
- Body Finished interior; (No exposed outside body sheet metal) full length headlined
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Camera; rearview (in dash monitor)
- Differential; heavy duty locking rear
- Door(s); Right side, hinged. Rear panel doors with glass
- Fuel capacity; largest available from mfg.
- Glass; Deep tinted or privacy, all around, movable side door window(s), fixed or movable rear door glass
- Heater; auxiliary-passenger compartment
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Seats; Cloth, Front, high back drivers and passenger and 3 bench seats
- Spare tire and wheel, full size. Mfg. standard mounting
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3905-0040A**

VANS AND LARGE UTILITY VEHICLES: VAN-15 PASSENGER
ALTERNATIVE FUEL

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Air Conditioning; Front and Rear
- Battery; 12 Volt, 600 CCA min.
- Bumper; Front and Rear, Mfg. Std.
- Doors; Passenger, right side, hinged.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Full size. Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Air conditioning; Front and Rear
- Battery; 12 volt 770CCA, minimum
- Body Finished interior; (No exposed outside body sheet metal) full length headlined
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Camera; rearview (in dash monitor)
- Differential; heavy duty locking rear
- Door(s); Right side, hinged. Rear panel doors with glass
- Fuel capacity; largest available from mfg.
- Glass; Deep tinted or privacy, all around, movable side door window(s), fixed or movable rear door glass
- Heater; auxiliary-passenger compartment
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Seats; Cloth, Front, high back drivers and passenger and 3 bench seats
- Spare tire and wheel, full size. Mfg. standard mounting
- Tires; all-Season black walls, including spare, 16 inch
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3905-0041

VANS AND LARGE UTILITY VEHICLES: COMPACT VAN 5 PASSENGER, FRONT
WHEEL DRIVE
(Payload-1,470 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

G.V.W.R. (lbs.), 5,000 min.

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as "STANDARD FACTORY EQUIPPED" and are to be included on this vehicle.

- Battery; 12 Volt, 500 CCA min.
- Bumper; Front and Rear, Mfg. Std.
- Lug wrench
- Spare tire; Limited service tire and wheel. Mfg. Std. mounting.
- Speed Control; Factory Installed.

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3905-0042

VANS AND LARGE UTILITY VEHICLES: COMPACT VAN, 7 PASSENGER (Minimum),
FRONT WHEEL DRIVE
(Payload-1,100 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

G.V.W.R. (lbs.), 5,000 min.

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Battery; 12 Volt, 500 CCA min.
- Bumper; Front and Rear, Mfg. Std.
- Lug wrench
- Spare tire; Limited service tire and wheel. Mfg. Std. mounting.
- Speed Control; Factory Installed.

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3905-0042A

VANS AND LARGE UTILITY VEHICLES: COMPACT VAN, 7 PASSENGER (Minimum),
FRONT WHEEL DRIVE
ALTERNATE FUEL VEHICLES
(Payload-1,100 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS

G.V.W.R. (lbs.), 5,000 minimum

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- | | |
|-------------------------------------|---|
| <input checked="" type="checkbox"/> | Battery; 12 Volt, 500 CCA min. |
| <input checked="" type="checkbox"/> | Bumper; Front and Rear, Mfg. Std. |
| <input checked="" type="checkbox"/> | Lug wrench |
| <input checked="" type="checkbox"/> | Spare tire; Limited service tire and wheel. Mfg. Std. mounting. |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0044

VANS AND LARGE UTILITY VEHICLES: COMPACT VAN, CARGO,
FRONT WHEEL DRIVE
(Payload 1,580 lb., min.)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- | | |
|---|---|
| ✓ | Battery; 12 Volt, 500 CCA min. |
| ✓ | Bumper; Front and Rear, Mfg. Std. |
| ✓ | Lug wrench |
| ✓ | Spare tire; Limited service tire and wheel. Mfg. Std. mounting. |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0044A

VANS AND LARGE UTILITY VEHICLES: COMPACT VAN, CARGO,
FRONT WHEEL DRIVE, ALTERNATIVE FUEL
(Payload 1,580 lb., min.)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Battery; 12 Volt, 500 CCA min.
- Bumper; Front and Rear, Mfg. Std.
- Lug wrench
- Spare tire; Limited service tire and wheel. Mfg. Std. mounting.

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0046

LIGHT DUTY TRUCK II: PICK-UP BODY, CREW CAB, FOUR DOOR, SINGLE REAR
WHEEL

(6 Foot Box) (Payload-3,000 lbs., min.)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Axle; rear-limited slip.
- Battery; 12 Volt, 600 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Alarm; Back up
- Battery; 12 volt 730CCA, minimum
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Camera; rearview (in dash monitor)
- Differential; heavy duty locking rear
- Engine; V8 gas engine with 6 speed automatic transmission
- Fuel capacity; largest available from mfg.
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Seats: Front, cloth 40/20/40 split bench seat. Rear, cloth, full width forward facing
- Spare tire and wheel, full size. Mfg. standard mounting
- Spray in bed liner (under rail)
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary
- Up fitter switches

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3958-0046D**

LIGHT DUTY TRUCK II: PICK-UP BODY, CREW CAB, FOUR DOOR, SINGLE REAR
WHEEL, DIESEL

(6 Foot Box) (Payload-3,000 lbs., min.)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Axle; rear-limited slip.
- Battery; 12 Volt, 600 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Alarm; Back up
- Battery; 12 volt 730CCA, minimum
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Camera; rearview (in dash monitor)
- Differential; heavy duty locking rear
- Fuel capacity; largest available from mfg.
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Seats: Front, cloth 40/20/40 split bench seat. Rear, cloth, full width forward facing
- Spare tire and wheel, full size. Mfg. standard mounting
- Spray in bed liner (under rail)
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary
- Up fitter switches

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0047

LIGHT DUTY TRUCK II: PICK-UP BODY—STANDARD CAB, DUAL REAR WHEELS
(8 Foot Box) (Payload-5,000 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS

G.V.W.R. 11,000 (lbs.), minimum

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Axle; rear-limited slip.
- Battery; 12 Volt, 600 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Alarm; Back up
- Battery; 12 volt 730CCA, minimum
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Camera; rearview (in dash monitor)
- Differential; heavy duty locking rear
- Engine; V8 gas engine with 6 speed automatic transmission
- Fuel capacity; largest available from mfg.
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Seats; cloth 40/20/40 split bench seat.
- Spare tire and wheel, full size. Mfg. standard mounting
- Spray in bed liner (under rail)
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary
- Up fitter switches

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3958-0047D**

LIGHT DUTY TRUCK II: PICK-UP BODY—STANDARD CAB, DIESEL, DUAL REAR
WHEELS

(8 Foot Box) (Payload-5,000 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS

G.V.W.R. 11,000 (lbs.), minimum

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Axle; rear-limited slip.
- Battery; 12 Volt, 600 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Alarm; Back up
- Battery; 12 volt 730CCA, minimum
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Camera; rearview (in dash monitor)
- Differential; heavy duty locking rear
- Fuel capacity; largest available from mfg.
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Seats; cloth 40/20/40 split bench seat.
- Spare tire and wheel, full size. Mfg. standard mounting
- Spray in bed liner (under rail)
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary
- Up fitter switches

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0048

LIGHT DUTY TRUCK II: PICK-UP BODY—STANDARD CAB, SINGLE REAR WHEEL
(8 Foot Box) (Payload-4,000 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

G.V.W.R. 9,200 (lbs.), minimum

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Axle; rear-limited slip.
- Battery; 12 Volt, 600 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Alarm; Back up
- Battery; 12 volt 730CCA, minimum
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Camera; rearview (in dash monitor)
- Differential; heavy duty locking rear
- Engine; V8 gas engine with 6 speed automatic transmission
- Fuel capacity; largest available from mfg.
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Seats; cloth 40/20/40 split bench seat.
- Spare tire and wheel, full size. Mfg. standard mounting
- Spray in bed liner (under rail)
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary
- Up fitter switches

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3958-0048D**

LIGHT DUTY TRUCK II: PICK-UP BODY—STANDARD CAB, SINGLE REAR WHEEL,
DIESEL

(8 Foot Box) (Payload-3,800 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

G.V.W.R. 9,200 (lbs.), minimum

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed below are to be supplied on all trucks, even though they may be optional with the manufacturer. Therefore, these specifications are to be furnished on all vehicles:

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Axle; rear-limited slip.
- Battery; 12 Volt, 600 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Alarm; Back up
- Battery; 12 volt 730CCA, minimum
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Camera; rearview (in dash monitor)
- Differential; heavy duty locking rear
- Fuel capacity; largest available from mfg.
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Seats; cloth 40/20/40 split bench seat.
- Spare tire and wheel, full size. Mfg. standard mounting
- Spray in bed liner (under rail)
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary
- Up fitter switches

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0049

LIGHT DUTY TRUCK II: PICK-UP BODY, CREW CAB, FOUR DOOR,
SINGLE REAR WHEEL
(8 Foot Box) (Payload-3,800 lbs., min.)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed below are to be supplied on all trucks, even though they may be optional with the manufacturer. Therefore, these specifications are to be furnished on all vehicles:

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Axle; rear-limited slip.
- Battery; 12 Volt, 600 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Alarm; Back up
- Battery; 12 volt 650CCA, minimum
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Camera; rearview (in dash monitor)
- Differential; heavy duty locking rear
- Engine; V8 gas engine with 6 speed automatic transmission
- Fuel capacity; largest available from mfg.
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Seats: Front, cloth 40/20/40 split bench seat. Rear, cloth, full width forward facing
- Spare tire and wheel, full size. Mfg. standard mounting
- Spray in bed liner (under rail)
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary
- Up fitter switches

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3958-0049D**

LIGHT DUTY TRUCK II: PICK-UP BODY, CREW CAB, FOUR DOOR,
SINGLE REAR WHEEL
(8 Foot Box) (Payload-3,700 lbs., min.)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Axle; rear-limited slip.
- Battery; 12 Volt, 600 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Alarm; Back up
- Battery; 12 volt 650CCA, minimum
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Camera; rearview (in dash monitor)
- Differential; heavy duty locking rear
- Fuel capacity; largest available from mfg.
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Seats: Front, cloth 40/20/40 split bench seat. Rear, cloth, full width forward facing
- Spare tire and wheel, full size. Mfg. standard mounting
- Spray in bed liner (under rail)
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary
- Up fitter switches

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3958-0050**

LIGHT DUTY TRUCK II: PICK-UP BODY, EXTENDED CAB, FOUR DOOR
DUAL REAR WHEEL

4 X 2, (8 Foot Box), (Payload-3,970 lbs., min.)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Axle; rear-limited slip.
- Battery; 12 Volt, 600 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Alarm; Back up
- Battery; 12 volt 650CCA, minimum
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Camera; rearview (in dash monitor)
- Differential; heavy duty locking rear
- Engine; V8 gas engine with 6 speed automatic transmission
- Fuel capacity; largest available from mfg.
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Seats: Front, cloth 40/20/40 split bench seat. Rear, cloth, full width forward facing
- Spare tire and wheel, full size. Mfg. standard mounting
- Spray in bed liner (under rail)
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary
- Up fitter switches

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3958-0050D**

LIGHT DUTY TRUCK II: PICK-UP BODY, EXTENDED CAB, FOUR DOOR
DUAL REAR WHEEL, DIESEL
4 X 2, (8 Foot Box), (Payload-3,970 lbs., min.)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Axle; rear-limited slip.
- Battery; 12 Volt, 600 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Alarm; Back up
- Battery; 12 volt 650CCA, minimum
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Camera; rearview (in dash monitor)
- Differential; heavy duty locking rear
- Fuel capacity; largest available from mfg.
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Seats: Front, cloth 40/20/40 split bench seat. Rear, cloth, full width forward facing
- Spare tire and wheel, full size. Mfg. standard mounting
- Spray in bed liner (under rail)
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary
- Up fitter switches

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0051

LIGHT DUTY TRUCK II: PICK-UP BODY, EXTENDED CAB, FOUR DOOR
SINGLE REAR WHEEL

4 X 2, (8 Foot Box), (Payload-3,800 lbs., min.)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Axle; rear-limited slip.
- Battery; 12 Volt, 600 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Alarm; Back up
- Battery; 12 volt 650CCA, minimum
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Camera; rearview (in dash monitor)
- Differential; heavy duty locking rear
- Engine; V8 gas engine with 6 speed automatic transmission
- Fuel capacity; largest available from mfg.
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Seats: Front, cloth 40/20/40 split bench seat. Rear, cloth, full width forward facing
- Spare tire and wheel, full size. Mfg. standard mounting
- Spray in bed liner (under rail)
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary
- Up fitter switches

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3958-0051D**

LIGHT DUTY TRUCK II: PICK-UP BODY, EXTENDED CAB, FOUR DOOR
SINGLE REAR WHEEL, DIESEL

4 X 2, (8 Foot Box), (Payload-3,500 lbs., min.)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Axle; rear-limited slip.
- Battery; 12 Volt, 600 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Alarm; Back up
- Battery; 12 volt 650CCA, minimum
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Camera; rearview (in dash monitor)
- Differential; heavy duty locking rear
- Fuel capacity; largest available from mfg.
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Seats: Front, cloth 40/20/40 split bench seat. Rear, cloth, full width forward facing
- Spare tire and wheel, full size. Mfg. standard mounting
- Spray in bed liner (under rail)
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary
- Up fitter switches

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3905-0057

COMMERCIAL VANS: 10-PASSENGER, RAISED ROOF
(Payload-3,200 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY SPECIFICATIONS:

G.V.W.R. 8,600 (lbs.), minimum

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as "STANDARD FACTORY EQUIPPED" and are to be included on this vehicle.

- | | |
|---|---|
| ✓ | Battery; 12 Volt, 100-Ah |
| ✓ | Body; Finished interior (no exposed outside body sheet metal), full-length headliner. |
| ✓ | Brakes; Power. |
| ✓ | Bumper; Mfg. Std. |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Lug wrench |
| ✓ | Mirrors; Rear View, Inside. Outside R.H. and L.H. Power Heated |
| ✓ | Spare tire and wheel; Mfg. Std. mounting. |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3905-0058

COMMERCIAL VANS: CARGO, RAISED ROOF
(Payload-4,800 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

G.V.W.R. 8,600 (lbs.), minimum

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- | | |
|---|---|
| ✓ | Battery; 12 Volt, 100-Ah |
| ✓ | Body; Finished interior (no exposed outside body sheet metal), full-length headliner. |
| ✓ | Bumper; Mfg. Std. |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Lug wrench |
| ✓ | Mirrors; Rear View, Inside. Outside R.H. and L.H. Power Heated |
| ✓ | Spare tire and wheel; Mfg. Std. mounting. |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3958-0072**

MEDIUM DUTY TRUCK: CAB AND CHASSIS
G.V.W.R. 10,000 lbs. min., (Payload 4,700 lb. min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

Transmission: Automatic with Maximum capacity transmission oil cooler. Factory installed.

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Axle; rear-limited slip.
- Battery; 12 Volt, 600 CCA min.
- Fuel capacity; largest available from mfg.
- Lug wrench

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Battery; 12 volt 650CCA, minimum
- Camera; rearview (in dash monitor)
- Differential; heavy duty locking rear
- Engine; V8 gas engine with 6 speed automatic transmission
- Fuel capacity; largest available from mfg.
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Seats: Front, cloth 40/20/40 split bench seat.
- Spare tire and wheel, full size. Mfg. standard mounting
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Trailer brake controller; integrated
- Transmission cooler; external auxiliary
- Up fitter switches

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3958-0072D**

MEDIUM DUTY TRUCK: CAB AND CHASSIS, DIESEL
G.V.W.R. 12,500 lbs. min., (Payload 6,200 lb. min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

Transmission: Automatic with maximum capacity transmission oil cooler. Factory installed.

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- | | |
|---|--|
| ✓ | Axle; rear-limited slip. |
| ✓ | Battery; 12 Volt, 600 CCA min. |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Lug wrench |
| ✓ | Mirrors; Rear View, Inside. Outside R.H. and L.H., below eye level, extended reach, swing away type, 51 sq. in., minimum. Installed. |
| ✓ | Spare tire and wheel; Mfg. Std. mounting. |
| ✓ | Tires; Truck, Tubeless, Radial, to meet G.V.W.R. Rear duals, mud and snow, All Terrain Type, tread design shall be similar to Goodyear Wrangler AT, or Michelin XC-AT (Goodyear preferred) |

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- | | |
|---|---|
| ✓ | Battery; 12 volt 650CCA, minimum |
| ✓ | Differential; heavy duty locking rear |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery. |
| ✓ | Locks; power with remote |
| ✓ | Lug wrench and jack |
| ✓ | Mirrors; extendable trailering |
| ✓ | Power outlet; 110-volt |
| ✓ | Provisions for roof mounted beacon |
| ✓ | Radio; AM/FM w/Bluetooth |
| ✓ | Seats: Front, cloth 40/20/40 split bench seat. |
| ✓ | Spare tire and wheel, full size. Mfg. standard mounting |
| ✓ | Tires; all-terrain black walls, including spare, 17 inch |
| ✓ | Tow hooks; front |
| ✓ | Trailer brake controller; integrated |
| ✓ | Transmission cooler; external auxiliary |
| ✓ | Up fitter switches |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0077

MEDIUM DUTY TRUCK: CAB AND CHASSIS
G.V.W.R 11,000 lbs minimum (Payload-5,500 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

G.V.W.R. (11,000 lbs. min.)

Transmission: Automatic with maximum capacity transmission oil cooler. Factory installed.

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- | | |
|---|--|
| ✓ | Axle; rear-limited slip. |
| ✓ | Battery; 12 Volt, 600 CCA min. |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Lug wrench |

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- | | |
|---|--|
| ✓ | Battery; 12 volt 650CCA, minimum |
| ✓ | Differential; heavy duty locking rear |
| ✓ | Engine; V8 gas engine with 6 speed automatic transmission |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery |
| ✓ | Locks; power with remote |
| ✓ | Lug wrench and jack |
| ✓ | Mirrors; extendable trailering |
| ✓ | Power outlet; 110-volt |
| ✓ | Provisions for roof mounted beacon |
| ✓ | Radio; AM/FM w/Bluetooth |
| ✓ | Seats: Front, cloth 40/20/40 split bench seat. |
| ✓ | Spare tire and wheel, full size. Mfg. standard mounting |
| ✓ | Tires; all-terrain black walls, including spare, 17 inch |
| ✓ | Tow hooks; front |
| ✓ | Trailer brake controller; integrated |
| ✓ | Transmission cooler; external auxiliary |
| ✓ | Up fitter switches |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0077D

MEDIUM DUTY TRUCK: CAB AND CHASSIS, DIESEL
G.V.W.R. 11,000 lbs minimum (Payload-5,500 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

G.V.W.R. (11,000 lbs. min.)

Transmission: Automatic with maximum capacity transmission oil cooler. Factory installed.

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- | | |
|---|--|
| ✓ | Axle; rear-limited slip. |
| ✓ | Battery; 12 Volt, 600 CCA min. |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Lug wrench |
| ✓ | Mirrors; Rear View, Inside. Outside R.H. and L.H., below eye level, extended reach, swing away type, 51 sq. in., minimum. Installed. |
| ✓ | Spare tire and wheel; Mfg. Std. mounting. |

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- | | |
|---|--|
| ✓ | Battery; 12 volt 650CCA, minimum |
| ✓ | Differential; heavy duty locking rear |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery |
| ✓ | Locks; power with remote |
| ✓ | Lug wrench and jack |
| ✓ | Mirrors; extendable trailering |
| ✓ | Power outlet; 110-volt |
| ✓ | Provisions for roof mounted beacon |
| ✓ | Radio; AM/FM w/Bluetooth |
| ✓ | Seats: Front, cloth 40/20/40 split bench seat. |
| ✓ | Spare tire and wheel, full size. Mfg. standard mounting |
| ✓ | Tires; all-terrain black walls, including spare, 17 inch |
| ✓ | Tow hooks; front |
| ✓ | Trailer brake controller; integrated |
| ✓ | Transmission cooler; external auxiliary |
| ✓ | Up fitter switches |

**STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT**

Mich. Spec. # **3958-0078D**

MEDIUM DUTY TRUCK: CAB AND CHASSIS, DIESEL
G.V.W.R. 12,500 lbs minimum (Payload-6,675 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

G.V.W.R. (12,500 lbs. min.)

Transmission: Automatic with maximum capacity transmission oil cooler. Factory installed.

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- | | |
|---|--|
| ✓ | Axle; rear-limited slip. |
| ✓ | Battery; 12 Volt, 600 CCA min. |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Lug wrench |
| ✓ | Mirrors; Rear View, Inside. Outside R.H. and L.H., below eye level, extended reach, swing away type, 51 sq. in., minimum. Installed. |

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- | | |
|---|--|
| ✓ | Battery; 12 volt 650CCA, minimum |
| ✓ | Differential; heavy duty locking rear |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery |
| ✓ | Locks; power with remote |
| ✓ | Lug wrench and jack |
| ✓ | Mirrors; extendable trailering |
| ✓ | Power outlet; 110-volt |
| ✓ | Provisions for roof mounted beacon |
| ✓ | Radio; AM/FM w/Bluetooth |
| ✓ | Seats: Front, cloth 40/20/40 split bench seat. |
| ✓ | Spare tire and wheel, full size. Mfg. standard mounting |
| ✓ | Tires; all-terrain black walls, including spare, 17 inch |
| ✓ | Tow hooks; front |
| ✓ | Trailer brake controller; integrated |
| ✓ | Transmission cooler; external auxiliary |
| ✓ | Up fitter switches |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0083

LIGHT DUTY TRUCKS AND UTILITY 4X4: UTILITY 4-WHEEL DRIVE, 4-DOOR
(Payload-900 lbs., min.)

MODEL-2018 CURRENT

PRELIMINARY REQUIREMENTS:

Transmission: Automatic, maximum capacity transmission oil cooler, Factory installed.

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- | | |
|-------------------------------------|---|
| <input checked="" type="checkbox"/> | Battery; 12 Volt, 600 CCA min. |
| <input checked="" type="checkbox"/> | Bumper; Mfg. Std. |
| <input checked="" type="checkbox"/> | Defogger; rear window. |
| <input checked="" type="checkbox"/> | Lug wrench |
| <input checked="" type="checkbox"/> | Spare tire and wheel; Mfg. Std. mounting. |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0083A

LIGHT DUTY TRUCKS AND UTILITY 4X4: UTILITY 2-WHEEL DRIVE, 4-DOOR
ALTERNATE FUEL VEHICLES
(Payload-900 lbs., min.)

MODEL-2018 CURRENT

PRELIMINARY REQUIREMENTS:

Transmission: Automatic

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- | | |
|---|---|
| ✓ | Battery; 12 Volt, 500 CCA min. |
| ✓ | Bumper; Mfg. Std. |
| ✓ | Defogger; rear window. |
| ✓ | Lug wrench |
| ✓ | Spare tire and wheel; Mfg. Std. mounting. |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0084

LIGHT DUTY TRUCKS AND UTILITY 4X4: PICK-UP BODY MIDSIZE,
(Approx. 7' Box) (Payload-1,000 lbs., min.)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as "STANDARD FACTORY EQUIPPED" and are to be included on this vehicle.

- Battery; 12 Volt, 500 CCA min.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Mfg. Std. mounting.

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3905-0085**

**LIGHT DUTY TRUCKS AND UTILITY 4X4: UTILITY, 4-DOOR, 6-PASSENGER, FULL
SIZE**

(Payload-1,480 lbs., min.)

MODEL-2018 CURRENT NEW

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- | | |
|---|--|
| ✓ | Battery; 12 Volt, 600 CCA min. |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Lug wrench |
| ✓ | Spare tire and wheel; Mfg. Std. mounting. |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0086

LIGHT DUTY TRUCKS AND UTILITY 4X4: PICK-UP BODY, EXTENDED CAB
(8 Foot Box) (Payload-1,300 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

Transmission: Automatic with 2 speed Transfer Case, and maximum capacity transmission oil cooler, Factory installed.

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- | | |
|---|--|
| ✓ | Battery; 12 Volt, 540 CCA min. |
| ✓ | Bumper; Rear, step down type, Heaviest Avail. Towing Capacity, Mfg. Std. |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Lug wrench |
| ✓ | Spare tire and wheel; Mfg. Std. mounting. |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0086A

LIGHT DUTY TRUCKS AND UTILITY 4X4: PICK-UP BODY, EXTENDED CAB
ALTERNATIVE FUEL
(8 Foot Box) (Payload-1,300 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

Transmission: Automatic with 2 speed Transfer Case, and maximum capacity transmission oil cooler, Factory installed.

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Battery; 12 Volt, 540 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Alarm; Back up
- Battery; 12 volt 650CCA, minimum
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Differential; heavy duty locking rear
- Engine; V8 gas engine with 6 speed automatic transmission
- Fuel capacity; largest available from mfg.
- Hubs; automatic locking on front or axle shaft disconnect system
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Rearview camera (in dash monitor)
- Seats: Front, cloth 40/20/40 split bench seat. Rear, cloth, full width forward facing
- Skid Plates
- Spare tire and wheel, full size. Mfg. standard mounting
- Spray in bed liner (under rail)
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary
- Up fitter switches

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0087

LIGHT DUTY TRUCKS AND UTILITY 4X4: PICK-UP BODY, EXTENDED CAB
(6 Foot Box) (Payload-1,300 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

Transmission: Automatic with 2 speed Transfer Case, and maximum capacity transmission oil cooler Factory installed.

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- | | |
|---|--|
| ✓ | Battery; 12 Volt, 540 CCA min. |
| ✓ | Bumper; Rear, step down type, Heaviest Avail. Towing Capacity, Mfg. Std. |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Lug wrench |
| ✓ | Spare tire and wheel; Mfg. Std. mounting. |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3958-0087A**

LIGHT DUTY TRUCKS AND UTILITY 4X4: PICK-UP BODY, EXTENDED CAB
ALTERNATIVE FUEL
(6 Foot Box) (Payload-1,300 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

Transmission: Automatic with 2 speed Transfer Case, and maximum capacity transmission oil cooler, Factory installed.

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Battery; 12 Volt, 540 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Alarm; Back up
- Battery; 12 volt 730CCA, minimum
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Differential; heavy duty locking rear
- Engine; V8 gas engine with 6 speed automatic transmission
- Fuel capacity; largest available from mfg.
- Hubs; automatic locking on front or axle shaft disconnect system
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Rearview camera (in dash monitor)
- Seats: Front, cloth 40/20/40 split bench. Rear, cloth, full width forward facing. Seat adjuster; driver 10-way power.
- Skid Plates
- Spare tire and wheel, full size. Mfg. standard mounting
- Spray in bed liner (under rail)
- Step bars; Steel
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3958-0088**

LIGHT DUTY TRUCKS AND UTILITY 4X4: PICK-UP BODY, EXTENDED CAB
(8 Foot Box) (Payload-2,500 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

G.V.W.R. 8,600 (lbs.), minimum

Transmission: Automatic with 2 speed Transfer Case and maximum capacity transmission oil cooler,
Factory installed.

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Battery; 12 Volt, 600 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Alarm; Back up
- Battery; 12 volt 730CCA, minimum
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Differential; heavy duty locking rear
- Fuel capacity; largest available from mfg.
- Hubs; automatic locking on front or axle shaft disconnect system
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Rearview camera (in dash monitor)
- Seats: Front, cloth 40/20/40 split bench. Rear, cloth, full width forward facing. Seat adjuster; driver 10-way power.
- Skid Plates
- Spare tire and wheel, full size. Mfg. standard mounting
- Spray in bed liner (under rail)
- Step bars; Steel
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary
- Up fitter switches

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3958-0088D**

LIGHT DUTY TRUCKS AND UTILITY 4X4: PICK-UP BODY, EXTENDED CAB, DIESEL
(8 Foot Box) (Payload-2,350 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

G.V.W.R. 8,600 (lbs.), minimum

Transmission: Automatic with 2 speed Transfer Case and maximum capacity transmission oil cooler.

Factory installed.

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Battery; 12 Volt, 600 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Alarm; Back up
- Battery; 12 volt 730CCA, minimum
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Differential; heavy duty locking rear
- Fuel capacity; largest available from mfg.
- Hubs; automatic locking on front or axle shaft disconnect system
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Rearview camera (in dash monitor)
- Seats: Front, cloth 40/20/40 split bench. Rear, cloth, full width forward facing. Seat adjuster; driver 10-way power.
- Skid Plates
- Spare tire and wheel, full size. Mfg. standard mounting
- Spray in bed liner (under rail)
- Step bars; Steel
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary
- Up fitter switches

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3958-0089**

LIGHT DUTY TRUCKS AND UTILITY 4X4: PICK-UP BODY, EXTENDED CAB
(6 Foot Box) (Payload-2,500 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

G.V.W.R. 8,600 (lbs.), minimum

Transmission: Automatic with 2 speed Transfer Case and maximum capacity transmission oil cooler.

Factory installed.

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Battery; 12 Volt, 600 CCA min.
- Bumper; Rear, step down type, Heaviest Avail. Towing Capacity, Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Alarm; Back up
- Battery; 12 volt 730CCA, minimum
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Differential; heavy duty locking rear
- Fuel capacity; largest available from mfg.
- Hubs; automatic locking on front or axle shaft disconnect system
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Rearview camera (in dash monitor)
- Seats: Front, cloth 40/20/40 split bench. Rear, cloth, full width forward facing. Seat adjuster; driver 10-way power.
- Skid Plates
- Spare tire and wheel, full size. Mfg. standard mounting
- Spray in bed liner (under rail)
- Step bars; Steel
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary
- Up fitter switches

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3958-0089D**

LIGHT DUTY TRUCKS AND UTILITY 4X4: PICK-UP BODY, EXTENDED CAB, DIESEL
(6 Foot Box) (Payload-2,500 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

G.V.W.R. 8,600 (lbs.), minimum

Transmission: Automatic with 2 speed Transfer Case and maximum capacity transmission oil cooler.

Factory installed.

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Battery; 12 Volt, 600 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Alarm; Back up
- Alternator; 220 Amp
- Battery; 12 volt 730CCA, minimum and additional 12 volt 730CCA auxiliary
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Differential; heavy duty locking rear
- Fuel capacity; largest available from mfg.
- Hubs; automatic locking on front or axle shaft disconnect system
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Rearview camera (in dash monitor)
- Seats: Front, cloth 40/20/40 split bench seat. Rear, cloth, full width forward facing. Seat adjuster; driver 10-way power.
- Skid Plates
- Spare tire and wheel, full size. Mfg. standard mounting
- Spray in bed liner (under rail)
- Step bars; Steel
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary
- Up fitter switches

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0090

LIGHT DUTY TRUCKS AND UTILITY 4X4: PICK-UP BODY
(6 Ft. Box) (Payload-1,300 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

Transmission: Automatic with 2-speed transfer case and maximum capacity transmission oil cooler. Factory installed.

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as "STANDARD FACTORY EQUIPPED" and are to be included on this vehicle.

- | | |
|---|--|
| ✓ | Battery; 12 Volt, 540 CCA min. |
| ✓ | Bumper; Mfg. Std. |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Lug wrench |
| ✓ | Spare tire and wheel; Mfg. Std. mounting. |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3958-0090A**

LIGHT DUTY TRUCKS AND UTILITY 4X4: PICK-UP BODY
ALTERNATIVE FUEL

(6 Ft. Box) (Payload-1,300 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

Transmission: Automatic with 2-speed transfer case and maximum capacity transmission oil cooler.
Factory installed.

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Battery; 12 Volt, 540 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Alarm; Back up
- Alternator; 220 Amp
- Battery; 12 volt 730CCA, minimum and additional 12 volt 730CCA auxiliary
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Differential; heavy duty locking rear
- Engine; V8 gas engine with 6 speed automatic transmission
- Fuel capacity; largest available from mfg.
- Hubs; automatic locking on front or axle shaft disconnect system
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Rearview camera (in dash monitor)
- Seats: cloth 40/20/40 split bench seat. Seat adjuster; driver 10-way power.
- Skid Plates
- Spare tire and wheel, full size. Mfg. standard mounting
- Spray in bed liner (under rail)
- Step bars; Steel
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary
- Up fitter switches

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0091

LIGHT DUTY TRUCKS AND UTILITY 4X4: PICK-UP BODY
(8 Ft. Box) (Payload-1,300 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

Transmission: Automatic with 2-speed transfer case and maximum capacity transmission oil cooler. Factory installed.

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- | | |
|---|--|
| ✓ | Battery; 12 Volt, 540 CCA min. |
| ✓ | Bumper; Rear, step down type, Heaviest Avail. Towing Capacity, Mfg. Std. |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Lug wrench |
| ✓ | Skid Plate(s) |
| ✓ | Spare tire and wheel; Mfg. Std. mounting. |
| ✓ | Tow hooks; front, frame mounted. |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3958-0091A**

LIGHT DUTY TRUCKS AND UTILITY 4X4: PICK-UP BODY
ALTERNATIVE FUEL
(8 Ft. Box) (Payload-1,300 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

Transmission: Automatic with 2-speed transfer case and maximum capacity transmission oil cooler.
Factory installed.

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Battery; 12 Volt, 540 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Alarm; Back up
- Alternator; 220 Amp
- Battery; 12 volt 730CCA, minimum and additional 12 volt 730CCA auxiliary
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Differential; heavy duty locking rear
- Engine; V8 gas engine with 6 speed automatic transmission
- Fuel capacity; largest available from mfg.
- Hubs; automatic locking on front or axle shaft disconnect system
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Rearview camera (in dash monitor)
- Seats: cloth 40/20/40 split bench seat. Seat adjuster; driver 10-way power.
- Skid Plates
- Spare tire and wheel, full size. Mfg. standard mounting
- Spray in bed liner (under rail)
- Step bars; Steel
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary
- Up fitter switches

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3958-0092**

LIGHT DUTY TRUCKS AND UTILITY 4X4: PICK-UP BODY
8 FT. Box (Payload 2,800 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

G.V.W.R. 8,600 (lbs.), minimum

Transmission: Automatic with 2-speed transfer case and maximum capacity transmission oil cooler.
Factory installed.

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Battery; 12 Volt, 600 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Alarm; Back up
- Alternator; 220 Amp
- Battery; 12 volt 730CCA, minimum and additional 12 volt 730CCA auxiliary
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Differential; heavy duty locking rear
- Engine; V8 gas engine with 6 speed automatic transmission
- Fuel capacity; largest available from mfg.
- Hubs; automatic locking on front or axle shaft disconnect system
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Rearview camera (in dash monitor)
- Seats: cloth 40/20/40 split bench seat. Seat adjuster; driver 10-way power.
- Skid Plates
- Spare tire and wheel, full size. Mfg. standard mounting
- Spray in bed liner (under rail)
- Step bars; Steel
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary
- Up fitter switches

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3958-0092D**

LIGHT DUTY TRUCKS AND UTILITY 4X4: PICK-UP BODY, DIESEL
8 Ft. Box (Payload 2,800 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

G.V.W.R. 8,600 (lbs.), minimum

Transmission: Automatic with 2-speed transfer case and maximum capacity transmission oil cooler.

Factory installed.

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Battery; 12 Volt, 600 CCA min.
- Bumper; Mfg. Std.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare tire and wheel; Mfg. Std. mounting.

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Alarm; Back up
- Alternator; 220 Amp
- Battery; 12 volt 730CCA, minimum and additional 12 volt 730CCA auxiliary
- Bed liner; spray in (under rail)
- Bumper; rear, step down type, heaviest available towing capacity, Mfg. Std.
- Differential; heavy duty locking rear
- Fuel capacity; largest available from mfg.
- Hubs; automatic locking on front or axle shaft disconnect system
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Rearview camera (in dash monitor)
- Seats: cloth 40/20/40 split bench seat. Seat adjuster; driver 10-way power
- Skid Plates
- Spare tire and wheel, full size. Mfg. standard mounting
- Step bars; Steel
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Towing Package; heaviest duty available from mfg.
- Trailer brake controller; integrated
- Trailer hitch; class IV receiver type
- Transmission cooler; external auxiliary
- Up fitter switches

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0093

LIGHT DUTY TRUCKS AND UTILITY 4X4: CAB AND CHASSIS, DUAL REAR WHEELS
(G.V.W.R. 10,000 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

Transmission: Automatic: with 2-speed transfer case and maximum capacity transmission oil cooler. Factory installed.

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- Battery; 12 Volt, 540 CCA min.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare wheel

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- Battery; 12 volt 650CCA, minimum
- Differential; heavy duty locking rear
- Engine; V8 gas engine with 6 speed automatic transmission
- Fuel capacity; largest available from mfg.
- Hubs; automatic locking on front or axle shaft disconnect system
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Seats: cloth 40/20/40 split bench seat.
- Skid Plates
- Spare tire and wheel, full size. Mfg. standard mounting
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Trailer brake controller; integrated
- Transmission cooler; external auxiliary
- Up-fitter switches

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3958-0093D**

LIGHT DUTY TRUCKS AND UTILITY 4X4: CAB AND CHASSIS, DUAL REAR WHEELS,
DIESEL, (G.V.W.R. 10,000 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

Transmission: Automatic: with 2-speed transfer case and maximum capacity transmission oil cooler. Factory installed.

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as "STANDARD FACTORY EQUIPPED" and are to be included on this vehicle.

- Battery; 12 Volt, 600 CCA min.
- Fuel capacity; largest available from mfg.
- Lug wrench
- Spare wheel

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as "STANDARD FACTORY EQUIPPED" and are to be included on this MDOT vehicle.

- Battery; 12 volt 650CCA, minimum
- Differential; heavy duty locking rear
- Fuel capacity; largest available from mfg.
- Hubs; automatic locking on front or axle shaft disconnect system
- Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery
- Locks; power with remote
- Lug wrench and jack
- Mirrors; extendable trailering
- Power outlet; 110-volt
- Provisions for roof mounted beacon
- Radio; AM/FM w/Bluetooth
- Seats: cloth 40/20/40 split bench seat.
- Skid Plates
- Spare tire and wheel, full size. Mfg. standard mounting
- Tires; all-terrain black walls, including spare, 17 inch
- Tow hooks; front
- Trailer brake controller; integrated
- Transmission cooler; external auxiliary
- Up-fitter switches

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3905-0094

LIGHT DUTY TRUCKS AND UTILITY 4X4: UTILITY VEHICLE, LARGE, 6-8
PASSENGER
(Payload-1,500 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

Transmission: Automatic: w/2-speed Transfer Case.

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as "STANDARD FACTORY EQUIPPED" and are to be included on this vehicle.

✓	Alternator; 80 amp., min.
✓	Battery; 12 Volt; 600 CCA, min.
✓	Body; Finished interior (no exposed outside body sheet metal), full-length headliner.
✓	Brakes; Power.
✓	Bumper; Rear, Mfg. Std.
✓	Fuel tank; largest single tank available from mfg.
✓	Mirrors; Rear View, Inside. Outside R.H. and L.H. below eye level, swing away type, 54 square in minimum, Installed.
✓	Spare tire and wheel; Mfg. Std. mounting.
✓	Steering; Power.
✓	Lug wrench

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3905-0094A**

LIGHT DUTY TRUCKS AND UTILITY 4X4: UTILITY VEHICLE, LARGE, 6-8
PASSENGER
ALTERNATIVE FUEL
(Payload-1,500 lbs., min.)

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

Transmission: Automatic: w/2-speed Transfer Case.

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Passenger Vehicle Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page A).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this vehicle.

- | | |
|---|--|
| ✓ | Battery; 12 Volt; 600 CCA, min. |
| ✓ | Bumper; Rear, Mfg. Std. |
| ✓ | Fuel tank; largest single tank available from mfg. |
| ✓ | Spare tire and wheel; Mfg. Std. mounting. |
| ✓ | Lug wrench |

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as “STANDARD FACTORY EQUIPPED” and are to be included on this MDOT vehicle.

- | | |
|---|--|
| ✓ | Battery; 12 volt 650CCA, minimum |
| ✓ | Camera; rearview (in dash monitor) |
| ✓ | Differential; heavy duty locking rear |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery |
| ✓ | Locks; power with remote |
| ✓ | Lug wrench and jack |
| ✓ | Power outlet; 110-volt |
| ✓ | Radio; AM/FM w/Bluetooth |
| ✓ | Seats: Front, cloth 40/20/40 split bench seat. Rear, cloth, full width forward facing |
| ✓ | Skid Plates |
| ✓ | Spare tire and wheel, full size. Mfg. standard mounting |
| ✓ | Tow hooks; front |
| ✓ | Transmission cooler; external auxiliary |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # 3958-0098D

MEDIUM DUTY TRUCK 4X4: CAB AND CHASSIS, DIESEL
G.V.W.R. 12,000 lbs. min., (Payload 5,800 lb. min.), 60" Min. C.A.

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

Transmission: Automatic with Maximum capacity transmission oil cooler, Factory installed.

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as "STANDARD FACTORY EQUIPPED" and are to be included on this vehicle.

- | | |
|---|--|
| ✓ | Axle, rear-limited slip. |
| ✓ | Battery; 12 Volt; 600 CCA, min. |
| ✓ | Fuel tank; largest single tank available from mfg. |
| ✓ | Lug wrench |

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as "STANDARD FACTORY EQUIPPED" and are to be included on this MDOT vehicle.

- | | |
|---|--|
| ✓ | Battery; 12 volt 650CCA, minimum |
| ✓ | Differential; heavy duty locking rear |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Hubs; auto locking on front |
| ✓ | Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery |
| ✓ | Locks; power with remote |
| ✓ | Lug wrench and jack |
| ✓ | Mirrors; extendable trailering |
| ✓ | Power outlet; 110-volt |
| ✓ | Provisions for roof mounted beacon |
| ✓ | Radio; AM/FM w/Bluetooth |
| ✓ | Seats: cloth 40/20/40 split bench seat. |
| ✓ | Spare tire and wheel, full size. Mfg. standard mounting |
| ✓ | Tires; all-terrain black walls, including spare, 17 inch |
| ✓ | Tow hooks; front |
| ✓ | Trailer brake controller; integrated |
| ✓ | Transmission cooler; external auxiliary |
| ✓ | Up-fitter switches |

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET - PROCUREMENT

Mich. Spec. # **3958-0099D**

MEDIUM DUTY TRUCK 4X4: CAB AND CHASSIS
(Payload-5,930 lbs., min.), 84" Min. C.A.

MODEL-2018 CURRENT NEW

PRELIMINARY REQUIREMENTS:

G.V.W.R. (12,500 lbs. min.)

Transmission: Automatic with maximum capacity transmission oil cooler, Factory installed.

TO BE STANDARD FACTORY EQUIPPED AS FOLLOWS:

The items listed in the general specifications for Truck Equipment are to be supplied on all vehicles, even though they may be optional with the manufacturer (refer to page B).

ADDITIONAL OPTIONS:

These options are in addition to the options listed above as "STANDARD FACTORY EQUIPPED" and are to be included on this vehicle.

- | | |
|---|--|
| ✓ | Alternator; 80 amp., min. |
| ✓ | Axle, rear-limited slip. |
| ✓ | Battery; 12 Volt; 600 CCA, min. |
| ✓ | Fuel tank; largest single tank available from mfg. |
| ✓ | Lug wrench |

ADDITIONAL MDOT OPTIONS:

These options are in addition to the options listed above as "STANDARD FACTORY EQUIPPED" and are to be included on this MDOT vehicle.

- | | |
|---|--|
| ✓ | Battery; 12 volt 650CCA, minimum |
| ✓ | Differential; heavy duty locking rear |
| ✓ | Fuel capacity; largest available from mfg. |
| ✓ | Hubs; auto locking on front |
| ✓ | Keys; (1) added set (total = 3 sets) w/ code numbers; incl. with vehicle upon delivery |
| ✓ | Locks; power with remote |
| ✓ | Lug wrench and jack |
| ✓ | Mirrors; extendable trailering |
| ✓ | Power outlet; 110-volt |
| ✓ | Provisions for roof mounted beacon |
| ✓ | Radio; AM/FM w/Bluetooth |
| ✓ | Seats: cloth 40/20/40 split bench seat. |
| ✓ | Spare tire and wheel, full size. Mfg. standard mounting |
| ✓ | Tires; all-terrain black walls, including spare, 17 inch |
| ✓ | Tow hooks; front |
| ✓ | Trailer brake controller; integrated |
| ✓ | Transmission cooler; external auxiliary |
| ✓ | Up-fitter switches |

Schedule C

AFFIDAVIT FOR DRIVER DELIVERY

Domestic Vehicle Dealers – Patrol, Passenger, Trucks, and Vans

Vehicles may be driven to the final delivery destination if the following conditions are met:

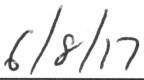
1. The drivers of the vehicles are correctly licensed and trained in proper vehicle operation.
2. The contractor accepts all responsibility and liability for vehicles in transit.
3. The requesting contractor should sign the affidavit below and submit this with the bid.

The contractor accepts all responsibility and liability for vehicles in transit and guarantees the vehicles shall be transported in a safe, proper, and efficient manner.

I understand that the State may cancel approval of this affidavit at any time during the contract if the contractor fails to meet the above obligations.



Signed



Date



Title



Contractor