

FORM N: DETAILED SPECIFICATIONS 21030

5500 LBS. GVWR, 4WD, EXTENDED CAB PICK-UP TRUCK

1.0 DESCRIPTION OF EQUIPMENT

1.1 Shall be a 5500 lbs. GVWR, 4WD, Extended Cab Pick-up Truck. The Pick-up Truck shall be furnished complete and ready for use with all features and equipment as described herein.

1.2 **STATE YEAR, MAKE AND MODEL BEING BID:** _____

2. OTHER SPECIFICATIONS AND STANDARDS

2.1 All applicable SAE standards form an integral part of these specifications and shall have precedence in any conflict concerning minimum acceptable standards.

Society of Automotive Engineers, SAE:
http://en.wikipedia.org/wiki/Society_of_Automotive_Engineers

2.2 Where applicable, the pick-up truck shall comply with the following regulations:

- Canadian Motor Vehicle Safety Standards, CMVSS;
- Manitoba Highway Traffic Act regulations and requirements including, but not limited to, a Manitoba Government Inspection with Safety Sticker;
- Manitoba Safety and Health Regulations, Parts 12, 16, 22;
- Canadian Standards Association, CSA;
- Under Writers of Canada, U/L.

3. SERVICE FACILITY

3.1 For the purpose of warranty repairs, the manufacturer shall have an authorized service facility located within 10 km of the boundaries of the City of Winnipeg. The facility, or a portion thereof, shall be dedicated to the service and maintenance of the type equipment being offered. Further to B11, Bidders shall provide a description of the service facility including, but not limited to, number of qualified service staff, years of service experience, and general service capabilities within three (3) Business Days upon request of the Contract Administrator.

4. INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS

4.1 All items in these specifications must be answered indicating compliance or non-compliance. **Bidders shall, state “yes” for compliance or state deviation**, or give a reply where requested to do so. Deviations and/or equivalents shall be clearly stated and fully detailed. Deviations and/or equivalents will be considered subject to evaluation. In every instance where a brand name or design specification is used, the City will also consider deviations and/or equivalents.

4.2 Each Bidder is required to fill in every blank. **Failure to do so may be used as a basis for rejection of bid.**

ITEM 5.	SPECIFICATION	BIDDER TO STATE “YES” OR STATE DEVIATION
5.1	GVWR 5,500 lbs. approx., state	_____
5.2	Wheelbase 128 in. approx., state	_____
5.3	Cargo length 5.5 ft. approx., state	_____

DETAILED SPECIFICATIONS 21030 (continued)

5.4	Cargo box liner	OEM Factory supplied spray-on box liner covering complete inside of box including tailgate and top of side rails	_____
5.5	Cab configuration	Extended cab	_____
5.6	Door configuration	Four (4) doors	_____
5.7	Engine	4 or 6-cylinder gasoline, state displacement	_____
5.8	Horsepower	200 hp approx., state	_____
5.9	Torque	190 lb-ft approx., state	_____
5.10	Fuel consumption	State city rating, L/100km	_____
5.11	Block heater	Required, submersible type with cord through grille	_____
5.12	Coolant	Extended Life Coolant, -35°C	_____
5.13	Battery	550 CCA approx.	_____
5.14	Transmission	Automatic	_____
5.15	Steering	Power	_____
5.16	Brakes	Power with ABS	_____
5.17	Wheels	Standard manufacturer's wheels, without locking nuts	_____
5.18	Tires – front & rear	BSW Tier 1 or 2 all season, state size	_____
5.19	Spare wheel & tire	Required with underbody carrier	_____
5.20	Mudflaps	Required, front and rear, OEM, moulded	_____
5.21	Front axle	4WD with dash mounted electronic shift	_____
5.22	Rear axle	Limited slip or posi-traction, state ratio	_____
5.23	Floor covering	Black vinyl floor covering throughout with rubber floor mats fastened to the floor, front and rear	_____
5.24	Windshield	Tinted	_____
5.25	Windshield wipers	Intermittent	_____
5.26	Wiper blades	Winter blades with heavy duty rubber boot or Reflex style	_____
5.27	Mirrors	Interior rearview & dual exterior	_____
5.28	Ignition keys	Three (3) sets required	_____
5.29	Remote keyless entry	Two (2) required	_____
5.30	Air conditioning	Required	_____
5.31	Tilt steering	Required	_____
5.32	Cruise control	Required	_____
5.33	Door locks	Power	_____
5.34	Windows	Power	_____
5.35	Seat, front	Cloth-faced, split bench, 60/40 or 40/20/40	_____
5.36	Seat, rear	Cloth-faced, bench or dual, front facing rear seats	_____

DETAILED SPECIFICATIONS 21030 (continued)

5.37	Radio	AM-FM with USB and Aux. port	_____
5.38	12-Volt power point	Required	_____
5.39	Bluetooth® technology	Required for use with cellular phones, “hands-free” capable, voice command activated through vehicle’s radio circuit	_____
5.40	Air bags	Required, front driver’s and passenger	_____
5.41	Rear-view camera	OEM with dash mounted screen	_____
5.42	Fuel tank	70 Litre approx., fully fuelled upon delivery	_____
5.43	Bumper, rear	Rear step bumper	_____
5.44	Bumper, front	Required with license plate bracket and mounting hardware	_____
5.45	Colour - Exterior	White	_____
	- Interior	Grey	_____

Warranty

5.46	Vehicle warranty	The Contractor shall provide all detailed published warranty information (including all exclusions) at the time of delivery of the equipment. State the following warranties:	
5.46.1	Basic vehicle	State	_____
5.46.2	Batteries	State	_____
5.46.3	Drivetrain	State	_____
5.46.4	Cab structure	State	_____
5.46.5	Cab corrosion	State	_____
5.46.6	Frame & crossmembers	State	_____
5.46.7	Cab paint	State	_____
5.46.8	Engine	State	_____
5.46.9	Towing coverage	State	_____
5.46.10	Transmission	State	_____
5.46.11	Axles, front & rear	State	_____
5.46.12	Exhaust system	State	_____
5.47	Manuals	Parts, repair and technical service manuals including preventative maintenance schedules for life of unit, USB or online format preferred	_____
5.48	Delivery point	Vehicles shall be serviced, ready for operation and delivered F.O.B. with the freight prepaid, including N.V.I.S. to the WFMA 185 Tecumseh Street, Winnipeg MB	_____
5.49	Delivery time	Within 40-calendar weeks from the date of award. Equipment shall be delivered between 8:00 am and 2:00 pm on Business Days	_____

DETAILED SPECIFICATIONS 21030 (continued)

5.50 Delivery contact

The Contractor shall contact the Contract Administrator prior to delivery of the equipment

5.51 PDI

A pre-delivery inspection shall be performed by the Contractor on the equipment. Proof upon inspection including completed check list

FORM N: DETAILED SPECIFICATIONS 21031

5500 LBS. GVWR, 4WD, CREW CAB PICK-UP TRUCK

1.0 DESCRIPTION OF EQUIPMENT

1.1 Shall be a 5500 lbs. GVWR, 4WD, Crew Cab Pick-up Truck. The Pick-up Truck shall be furnished complete and ready for use with all features and equipment as described herein.

1.2 **STATE YEAR, MAKE AND MODEL BEING BID:** _____

2. OTHER SPECIFICATIONS AND STANDARDS

2.1 All applicable SAE standards form an integral part of these specifications and shall have precedence in any conflict concerning minimum acceptable standards.

Society of Automotive Engineers, SAE:
http://en.wikipedia.org/wiki/Society_of_Automotive_Engineers

2.2 Where applicable, the pick-up truck shall comply with the following regulations:

- Canadian Motor Vehicle Safety Standards, CMVSS;
- Manitoba Highway Traffic Act regulations and requirements including, but not limited to, a Manitoba Government Inspection with Safety Sticker;
- Manitoba Safety and Health Regulations, Parts 12, 16, 22;
- Canadian Standards Association, CSA;
- Under Writers of Canada, U/L.

3. SERVICE FACILITY

3.1 For the purpose of warranty repairs, the manufacturer shall have an authorized service facility located within 10 km of the boundaries of the City of Winnipeg. The facility, or a portion thereof, shall be dedicated to the service and maintenance of the type equipment being offered. Further to B11, Bidders shall provide a description of the service facility including, but not limited to, number of qualified service staff, years of service experience, and general service capabilities within three (3) Business Days upon request of the Contract Administrator.

4. INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS

4.1 All items in these specifications must be answered indicating compliance or non-compliance. **Bidders shall, state “yes” for compliance or state deviation**, or give a reply where requested to do so. Deviations and/or equivalents shall be clearly stated and fully detailed. Deviations and/or equivalents will be considered subject to evaluation. In every instance where a brand name or design specification is used, the City will also consider deviations and/or equivalents.

4.2 Each Bidder is required to fill in every blank. **Failure to do so may be used as a basis for rejection of bid.**

ITEM 5.	SPECIFICATION	BIDDER TO STATE “YES” OR STATE DEVIATION
5.1	GVWR	5,500 lbs. approx., state _____
5.2	Wheelbase	128 in. approx., state _____

DETAILED SPECIFICATIONS 21031 (continued)

5.3	Cargo length	5.5 ft. approx., state	_____
5.4	Cargo box liner	OEM Factory supplied spray-on box liner covering complete inside of box including tailgate and top of side rails	_____
5.5	Cab configuration	Extended cab	_____
5.6	Door configuration	Four (4) doors	_____
5.7	Engine	4 or 6-cylinder gasoline, state displacement	_____
5.8	Horsepower	200 hp approx., state	_____
5.9	Torque	190 lb-ft approx., state	_____
5.10	Fuel consumption	State city rating, L/100km	_____
5.11	Block heater	Required, submersible type with cord through grille	_____
5.12	Coolant	Extended Life Coolant, -35°C	_____
5.13	Battery	550 CCA approx.	_____
5.14	Transmission	Automatic	_____
5.15	Steering	Power	_____
5.16	Brakes	Power with ABS	_____
5.17	Wheels	Standard manufacturer's wheels, without locking nuts	_____
5.18	Tires – front & rear	BSW Tier 1 or 2 all season, state size	_____
5.19	Spare wheel & tire	Required with underbody carrier	_____
5.20	Mudflaps	Required, front and rear, OEM, moulded	_____
5.21	Front axle	4WD with dash mounted electronic shift	_____
5.22	Rear axle	Limited slip or posi-traction, state ratio	_____
5.23	Floor covering	Black vinyl floor covering throughout with rubber floor mats fastened to the floor, front and rear	_____
5.24	Windshield	Tinted	_____
5.25	Windshield wipers	Intermittent	_____
5.26	Wiper blades	Winter blades with heavy duty rubber boot or Reflex style	_____
5.27	Mirrors	Interior rearview & dual exterior	_____
5.28	Ignition keys	Three (3) sets required	_____
5.29	Remote keyless entry	Two (2) required	_____
5.30	Air conditioning	Required	_____
5.31	Tilt steering	Required	_____
5.32	Cruise control	Required	_____
5.33	Door locks	Power	_____
5.34	Windows	Power	_____
5.35	Seat, front	Cloth-faced, split bench, 60/40 or 40/20/40	_____

DETAILED SPECIFICATIONS 21031 (continued)

5.36	Seat, rear	Cloth-faced, bench or dual, front facing rear seats	_____
5.37	Radio	AM-FM with USB and Aux. port	_____
5.38	12-Volt power point	Required	_____
5.39	Bluetooth® technology	Required for use with cellular phones, “hands-free” capable, voice command activated through vehicle’s radio circuit	_____
5.40	Air bags	Required, front driver’s and passenger	_____
5.41	Rear-view camera	OEM with dash mounted screen	_____
5.42	Fuel tank	70 Litre approx., fully fuelled upon delivery	_____
5.43	Bumper, rear	Rear step bumper	_____
5.44	Bumper, front	Required with license plate bracket and mounting hardware	_____
5.45	Colour - Exterior	White	_____
	- Interior	Grey	_____

Warranty

5.46	Vehicle warranty	The Contractor shall provide all detailed published warranty information (including all exclusions) at the time of delivery of the equipment. State the following warranties:	_____
5.46.1	Basic vehicle	State	_____
5.46.2	Batteries	State	_____
5.46.3	Drivetrain	State	_____
5.46.4	Cab structure	State	_____
5.46.5	Cab corrosion	State	_____
5.46.6	Frame & crossmembers	State	_____
5.46.7	Cab paint	State	_____
5.46.8	Engine	State	_____
5.46.9	Towing coverage	State	_____
5.46.10	Transmission	State	_____
5.46.11	Axles, front & rear	State	_____
5.46.12	Exhaust system	State	_____
5.47	Manuals	Parts, repair and technical service manuals including preventative maintenance schedules for life of unit, USB or online format preferred	_____
5.48	Delivery point	Vehicles shall be serviced, ready for operation and delivered F.O.B. with the freight prepaid, including N.V.I.S. to the WFMA 185 Tecumseh Street, Winnipeg MB	_____

DETAILED SPECIFICATIONS 21031 (continued)

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|------|------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------|
| 5.49 | Delivery time | Within 40-calendar weeks from the date of award. Equipment shall be delivered between 8:00 am and 2:00 pm on Business Days | _____ |
| 5.50 | Delivery contact | The Contractor shall contact the Contract Administrator prior to delivery of the equipment | _____ |
| 5.51 | PDI | A pre-delivery inspection shall be performed by the Contractor on the equipment. Proof upon inspection including completed check list | _____ |

FORM N: DETAILED SPECIFICATIONS 21032

6500 LBS. GVWR, 4WD, EXTENDED CAB PICK-UP TRUCK

1.0 DESCRIPTION OF EQUIPMENT

1.1 Shall be a 6500 lbs. GVWR, 4wd, Extended Cab Pick-up Truck. The Pick-up Truck shall be furnished complete and ready for use with all features and equipment as described herein.

1.2 **STATE YEAR, MAKE AND MODEL BEING BID:** _____

2. OTHER SPECIFICATIONS AND STANDARDS

2.1 All applicable SAE standards form an integral part of these specifications and shall have precedence in any conflict concerning minimum acceptable standards.

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http://en.wikipedia.org/wiki/Society_of_Automotive_Engineers

2.2 Where applicable, the pick-up truck shall comply with the following regulations:

- Canadian Motor Vehicle Safety Standards, CMVSS;
- Manitoba Highway Traffic Act regulations and requirements including, but not limited to, a Manitoba Government Inspection with Safety Sticker;
- Manitoba Safety and Health Regulations, Parts 12, 16, 22;
- Canadian Standards Association, CSA;
- Under Writers of Canada, U/L.

3. SERVICE FACILITY

3.1 For the purpose of warranty repairs, the manufacturer shall have an authorized service facility located within 10 km of the boundaries of the City of Winnipeg. The facility, or a portion thereof, shall be dedicated to the service and maintenance of the type equipment being offered. Further to B11, Bidders shall provide a description of the service facility including, but not limited to, number of qualified service staff, years of service experience, and general service capabilities within three (3) Business Days upon request of the Contract Administrator.

4. INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS

4.1 All items in these specifications must be answered indicating compliance or non-compliance. **Bidders shall, state “yes” for compliance or state deviation**, or give a reply where requested to do so. Deviations and/or equivalents shall be clearly stated and fully detailed. Deviations and/or equivalents will be considered subject to evaluation. In every instance where a brand name or design specification is used, the City will also consider deviations and/or equivalents.

4.2 Each Bidder is required to fill in every blank. **Failure to do so may be used as a basis for rejection of bid.**

ITEM 5.	SPECIFICATION	BIDDER TO STATE “YES” OR STATE DEVIATION
5.1	GVWR	6,500 lbs. approx., state _____
5.2	Wheelbase	143 in. approx., state _____
5.3	Cargo length	6.5 ft. approx., state _____

DETAILED SPECIFICATIONS 21032 (continued)

5.4	Cargo box liner	OEM Factory supplied spray-on box liner covering complete inside of box including tailgate and top of side rails	_____
5.5	Cab configuration	Extended cab	_____
5.6	Door configuration	Four (4) doors	_____
5.7	Engine	V6 gasoline, state displacement	_____
5.8	Horsepower	280 hp, state	_____
5.9	Torque	250 lb-ft, state	_____
5.10	Fuel consumption	State city rating, L/100km	_____
5.11	Block heater	Required, submersible type with cord through grille	_____
5.12	Coolant	Extended Life Coolant, -35°C	_____
5.13	Battery	600 CCA approx.	_____
5.14	Transmission	Automatic	_____
5.15	Transmission cooling	As required for trailer towing	_____
5.16	Steering	Power	_____
5.17	Brakes	Power with ABS	_____
5.18	Wheels	Standard manufacturer's wheels, without locking nuts	_____
5.19	Tires – front & rear	BSW Tier 1 or 2 all season, state size	_____
5.20	Spare wheel & tire	Required with underbody carrier	_____
5.21	Mudflaps	Required, front and rear, OEM, moulded	_____
5.22	Front axle	4WD with dash mounted electronic shift	_____
5.23	Rear axle	Limited slip or posi-traction, axle ratio suitable for 5,000 lbs. towing capacity, state ratio	_____
5.24	Floor covering	Black vinyl floor covering throughout with rubber floor mats fastened to the floor, front and rear	_____
5.25	Windshield	Tinted	_____
5.26	Windshield wipers	Intermittent	_____
5.27	Wiper blades	Winter blades with heavy duty rubber boot or Reflex style	_____
5.28	Mirrors	Interior rearview & heated dual exterior	_____
5.29	Ignition keys	Three (3) keys required	_____
5.30	Remote keyless entry	Two (2) required	_____
5.31	Air conditioning	Required	_____
5.32	Tilt steering	Required	_____
5.33	Cruise control	Required	_____
5.34	Door locks	Power	_____
5.35	Windows	Power	_____

DETAILED SPECIFICATIONS 21032 (continued)

5.36	Seat, front	Cloth-faced, split bench, 60/40 or 40/20/40	_____
5.37	Seat, rear	Cloth-faced, bench	_____
5.38	Radio	AM-FM with USB and Aux. port	_____
5.39	12-Volt power point	Required	_____
5.40	Bluetooth® technology	Required for use with cellular phones, "hands-free" capable, voice command activated through vehicle's radio circuit	_____
5.41	Air bags	Required, front driver's and passenger	_____
5.42	Rear-view camera	OEM with dash mounted screen	_____
5.43	Fuel tank	100 Litre approx., fully fuelled upon delivery	_____
5.44	Tubular side steps	Dual, chrome finish, OEM	_____
5.45	Bumper, rear	Rear step bumper	_____
5.46	Bumper, front	Chrome with license plate bracket and mounting hardware	_____
5.47	Towing prep package	Class 3 or 4 c/w trailer plug wiring, receiver hitch and decal on rear bumper stating maximum towing capacity, state towing capacity	_____
5.48	Electric brake controller	Required, factory installed	_____
5.49	Colour - Exterior	White	_____
	- Interior	Grey	_____

Warranty

5.50	Vehicle warranty	The Contractor shall provide all detailed published warranty information (including all exclusions) at the time of delivery of the equipment. State the following warranties:	_____
5.50.1	Basic vehicle	State	_____
5.50.2	Batteries	State	_____
5.50.3	Drivetrain	State	_____
5.50.4	Cab structure	State	_____
5.50.5	Cab corrosion	State	_____
5.50.6	Frame & crossmembers	State	_____
5.50.7	Cab paint	State	_____
5.50.8	Engine	State	_____
5.50.9	Towing coverage	State	_____
5.50.10	Transmission	State	_____
5.50.11	Axles, front & rear	State	_____
5.50.12	Exhaust system	State	_____
5.51	Delivery point	Vehicles shall be serviced, ready for operation and delivered F.O.B. with the freight prepaid, including N.V.I.S. to the WFMA 185 Tecumseh Street, Winnipeg MB	_____

DETAILED SPECIFICATIONS 21032 (continued)

- | | | | |
|------|------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------|
| 5.52 | Delivery time | Within 40-calendar weeks from the date of award. Equipment shall be delivered between 8:00 am and 2:00 pm on Business Days | _____ |
| 5.53 | Delivery contact | The Contractor shall contact the Contract Administrator prior to delivery of the equipment | _____ |
| 5.54 | PDI | A pre-delivery inspection shall be performed by the Contractor on the equipment. Proof upon inspection including completed check list | _____ |

FORM N: DETAILED SPECIFICATIONS 21033

6500 LBS. GVWR, 4WD, CREW CAB PICK-UP TRUCK

1.0 DESCRIPTION OF EQUIPMENT

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4.2 Each Bidder is required to fill in every blank. **Failure to do so may be used as a basis for rejection of bid.**

ITEM 5.	SPECIFICATION	BIDDER TO STATE “YES” OR STATE DEVIATION
5.1	GVWR	6,500 lbs. approx., state _____
5.2	Wheelbase	142 in. approx., state _____
5.3	Cargo length	6.0 ft. approx., state _____

DETAILED SPECIFICATIONS 21033 (continued)

5.4	Cargo box liner	OEM Factory supplied spray-on box liner covering complete inside of box including tailgate and top of side rails	_____
5.5	Cab configuration	Crew cab	_____
5.6	Door configuration	Four (4), front hinged doors	_____
5.7	Engine	V6 gasoline, state displacement	_____
5.8	Horsepower	280 hp, state	_____
5.9	Torque	250 lb-ft, state	_____
5.10	Fuel consumption	State city rating, L/100km	_____
5.11	Block heater	Required, submersible type with cord through grille	_____
5.12	Coolant	Extended Life Coolant, -35°C	_____
5.13	Battery	600 CCA approx.	_____
5.14	Transmission	Automatic	_____
5.15	Transmission cooling	As required for trailer towing	_____
5.16	Steering	Power	_____
5.17	Brakes	Power with ABS	_____
5.18	Wheels	Standard manufacturer's wheels, without locking nuts	_____
5.19	Tires – front & rear	BSW Tier 1 or 2 all season, state size	_____
5.20	Spare wheel & tire	Required with underbody carrier	_____
5.21	Mudflaps	Required, front and rear, OEM, moulded	_____
5.22	Front axle	4WD with dash mounted electronic shift	_____
5.23	Rear axle	Limited slip or posi-traction, axle ratio suitable for 5,000 lbs. towing capacity, state ratio	_____
5.24	Floor covering	Black vinyl floor covering throughout with rubber floor mats fastened to the floor, front and rear	_____
5.25	Windshield	Tinted	_____
5.26	Windshield wipers	Intermittent	_____
5.27	Wiper blades	Winter blades with heavy duty rubber boot or Reflex style	_____
5.28	Mirrors	Interior rearview & heated dual exterior	_____
5.29	Ignition keys	Three (3) keys required	_____
5.30	Remote keyless entry	Two (2) required	_____
5.31	Air conditioning	Required	_____
5.32	Tilt steering	Required	_____
5.33	Cruise control	Required	_____
5.34	Door locks	Power	_____
5.35	Windows	Power	_____

DETAILED SPECIFICATIONS 21033 (continued)

5.36	Seat, front	Cloth-faced, split bench, 60/40 or 40/20/40	_____
5.37	Seat, rear	Cloth-faced, bench	_____
5.38	Radio	AM-FM with USB and Aux. port	_____
5.39	12-Volt power point	Required	_____
5.40	Bluetooth® technology	Required for use with cellular phones, "hands-free" capable, voice command activated through vehicle's radio circuit	_____
5.41	Air bags	Required, front driver's and passenger	_____
5.42	Rear-view camera	OEM with dash mounted screen	_____
5.43	Fuel tank	100 Litre approx., fully fuelled upon delivery	_____
5.44	Tubular side steps	Dual, chrome finish, OEM	_____
5.45	Bumper, rear	Rear step bumper	_____
5.46	Bumper, front	Chrome with license plate bracket and mounting hardware	_____
5.47	Towing prep package	Class 3 or 4 c/w trailer plug wiring, receiver hitch and decal on rear bumper stating maximum towing capacity, state towing capacity	_____
5.48	Electric brake controller	Required, factory installed	_____
5.49	Colour - Exterior	White	_____
	- Interior	Grey	_____

Warranty

5.50	Vehicle warranty	The Contractor shall provide all detailed published warranty information (including all exclusions) at the time of delivery of the equipment. State the following warranties:	_____
5.50.1	Basic vehicle	State	_____
5.50.2	Batteries	State	_____
5.50.3	Drivetrain	State	_____
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5.50.5	Cab corrosion	State	_____
5.50.6	Frame & crossmembers	State	_____
5.50.7	Cab paint	State	_____
5.50.8	Engine	State	_____
5.50.9	Towing coverage	State	_____
5.50.10	Transmission	State	_____
5.50.11	Axles, front & rear	State	_____
5.50.12	Exhaust system	State	_____
5.51	Delivery point	Vehicles shall be serviced, ready for operation and delivered F.O.B. with the freight prepaid, including N.V.I.S. to the WFMA 185 Tecumseh Street, Winnipeg MB	_____

DETAILED SPECIFICATIONS 21033 (continued)

- | | | |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------|
| 5.52 Delivery time | Within 40-calendar weeks from the date of award. Equipment shall be delivered between 8:00 am and 2:00 pm on Business Days | <hr/> |
| 5.53 Delivery contact | The Contractor shall contact the Contract Administrator prior to delivery of the equipment | <hr/> |
| 5.54 PDI | A pre-delivery inspection shall be performed by the Contractor on the equipment. Proof upon inspection including completed check list | <hr/> |

FORM N: DETAILED SPECIFICATIONS 21045

9500 LBS. GVWR, 4WD, REGULAR CAB PICK-UP TRUCK

1.0 DESCRIPTION OF EQUIPMENT

1.1 Shall be a 9500 lbs. GVWR, Regular Cab Pick-up Truck. The Pick-up Truck shall be furnished complete and ready for use with all features and equipment as described herein.

1.2 **STATE YEAR, MAKE AND MODEL BEING BID:** _____

2. OTHER SPECIFICATIONS AND STANDARDS

2.1 All applicable SAE standards form an integral part of these specifications and shall have precedence in any conflict concerning minimum acceptable standards.

Society of Automotive Engineers, SAE:

http://en.wikipedia.org/wiki/Society_of_Automotive_Engineers

2.2 Where applicable, the pick-up truck shall comply with the following regulations:

- Canadian Motor Vehicle Safety Standards, CMVSS;
- Manitoba Highway Traffic Act regulations and requirements including, but not limited to, a Manitoba Government Inspection with Safety Sticker;
- Manitoba Safety and Health Regulations, Parts 12, 16, 22;
- Canadian Standards Association, CSA;
- Under Writers of Canada, U/L.

3. SERVICE FACILITY

3.1 For the purpose of warranty repairs, the manufacturer shall have an authorized service facility located within 10 km of the boundaries of the City of Winnipeg. The facility, or a portion thereof, shall be dedicated to the service and maintenance of the type equipment being offered. Further to B11, Bidders shall provide a description of the service facility including, but not limited to, number of qualified service staff, years of service experience, and general service capabilities within three (3) Business Days upon request of the Contract Administrator.

4. INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS

4.1 All items in these specifications must be answered indicating compliance or non-compliance. **Bidders shall, state “yes” for compliance or state deviation**, or give a reply where requested to do so. Deviations and/or equivalents shall be clearly stated and fully detailed. Deviations and/or equivalents will be considered subject to evaluation. In every instance where a brand name or design specification is used, the City will also consider deviations and/or equivalents.

4.2 Each Bidder is required to fill in every blank. **Failure to do so may be used as a basis for rejection of bid.**

ITEM 5.	SPECIFICATION	BIDDER TO STATE “YES” OR STATE DEVIATION
5.1	GVWR	9500 lbs. approx., state _____
	Note:	If vehicle is over 10,000 lbs. (4536 kg) GVWR, the unit shall be equipped with a current MGI sticker, Truck-Lite 798 flare kit or equal, and Manitoba Provincial approved kit, P36 or equal

DETAILED SPECIFICATIONS 21045 (continued)

5.2	Wheelbase	142 in. approx., state	_____
5.3	Cargo length	8 ft. nominal	_____
5.4	Cargo box liner	OEM Factory supplied spray-on box liner covering complete inside of box including tailgate and top of side rails	_____
5.5	Cab configuration	Regular cab	_____
5.6	Door configuration	Two (2) doors	_____
5.7	Engine	Gasoline, state displacement	_____
5.8	Block heater	Required, submersible type with cord through grille	_____
5.9	Coolant	Extended Life Coolant, -35°C	_____
5.10	Battery	650 CCA approx.	_____
5.11	Transmission	Automatic	_____
5.12	Transmission cooling	As required for trailer towing	_____
5.13	Steering	Power	_____
5.14	Brakes	Power with ABS	_____
5.15	Wheels	Standard manufacturer's wheels, without locking nuts	_____
5.16	Tires – Front & rear	LT, BSW Tier 1 or 2 all-terrain mud and snow, state size	_____
5.17	Spare wheel & tire	Required with underbody carrier	_____
5.18	Mudflaps	Required, front and rear, OEM, moulded	_____
5.19	Front axle	4WD with dash mounted electronic shift	_____
5.20	Rear axle	Limited slip or posi-traction, axle ratio suitable for 12,500 lbs. towing capacity, state ratio	_____
5.21	Floor covering	Black vinyl floor covering throughout with rubber floor mats fastened to the floor, front and rear	_____
5.22	Windshield	Tinted	_____
5.23	Windshield wipers	Intermittent	_____
5.24	Wiper blades	Winter blades with heavy duty rubber boot or Reflex style	_____
5.25	Windows	Power	_____
5.26	Mirrors	Interior rearview & heated dual exterior	_____
5.27	Ignition keys	Four (4) keys required	_____
5.28	Remote keyless entry	Two (2) required	_____
5.29	Door locks	Power	_____
5.30	Air conditioning	Required	_____
5.31	Tilt steering	Required	_____
5.32	Cruise control	Required	_____

DETAILED SPECIFICATIONS 21045 (continued)

5.33	Seat, front	Cloth-faced, split bench, 60/40 or 40/20/40	_____
5.34	Seats, rear	60-40 split-bench	_____
5.35	Radio	AM-FM with USB and Aux. port	_____
5.36	12-Volt power point	Required	_____
5.37	Bluetooth® technology	Required for use with cellular phones, "hands-free" capable, voice command activated through vehicle's radio circuit	_____
5.38	Air bags	Required, front driver's and passenger	_____
5.39	Rear-view camera	OEM with dash mounted screen	_____
5.40	Fuel tank	110 Litre approx., fully fuelled upon delivery	_____
5.41	Tubular side steps	Dual, chrome finish, OEM	_____
5.42	Bumper, rear	Rear step bumper	_____
5.43	Bumper, front	Chrome with license plate bracket and mounting hardware	_____
5.44	Towing prep package	Class 4 c/w trailer plug wiring, receiver hitch and decal on rear bumper stating maximum towing capacity, state towing capacity	_____
5.45	Electric brake controller	Required, factory installed	_____
5.46	Colour - Exterior	White	_____
	- Interior	Grey	_____
Warranty			
5.47	Vehicle warranty	The Contractor shall provide all detailed published warranty information (including all exclusions) at the time of delivery of the equipment. State the following warranties:	
5.47.1	Basic vehicle	State	_____
5.47.2	Batteries	State	_____
5.47.3	Drivetrain	State	_____
5.47.4	Cab structure	State	_____
5.47.5	Cab corrosion	State	_____
5.47.6	Frame & crossmembers	State	_____
5.47.7	Cab paint	State	_____
5.47.8	Engine	State	_____
5.47.9	Towing coverage	State	_____
5.47.10	Transmission	State	_____
5.47.11	Axles, front & rear	State	_____
5.47.12	Exhaust system	State	_____
5.48	Delivery point	Vehicles shall be serviced, ready for operation and delivered F.O.B. with the freight prepaid, including N.V.I.S. and MGI (if applicable) to the WFMA 185 Tecumseh Street, Winnipeg MB	_____

DETAILED SPECIFICATIONS 21045 (continued)

- | | | | |
|------|------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------|
| 5.49 | Delivery time | Within 40-calendar weeks from the date of award. Equipment shall be delivered between 8:00 am and 2:00 pm on Business Days | _____ |
| 5.50 | Delivery contact | The Contractor shall contact the Contract Administrator prior to delivery of the equipment | _____ |
| 5.51 | PDI | A pre-delivery inspection shall be performed by the Contractor on the equipment. Proof upon inspection including completed check list | _____ |

FORM N: DETAILED SPECIFICATIONS 21034

9500 LBS. GVWR, 4WD, EXTENDED CAB PICK-UP TRUCK

1.0 DESCRIPTION OF EQUIPMENT

1.1 Shall be a 9500 lbs. GVWR, Extended Cab Pick-up Truck. The Pick-up Truck shall be furnished complete and ready for use with all features and equipment as described herein.

1.2 **STATE YEAR, MAKE AND MODEL BEING BID:** _____

2. OTHER SPECIFICATIONS AND STANDARDS

2.1 All applicable SAE standards form an integral part of these specifications and shall have precedence in any conflict concerning minimum acceptable standards.

Society of Automotive Engineers, SAE:

http://en.wikipedia.org/wiki/Society_of_Automotive_Engineers

2.2 Where applicable, the pick-up truck shall comply with the following regulations:

- Canadian Motor Vehicle Safety Standards, CMVSS;
- Manitoba Highway Traffic Act regulations and requirements including, but not limited to, a Manitoba Government Inspection with Safety Sticker;
- Manitoba Safety and Health Regulations, Parts 12, 16, 22;
- Canadian Standards Association, CSA;
- Under Writers of Canada, U/L.

3. SERVICE FACILITY

3.1 For the purpose of warranty repairs, the manufacturer shall have an authorized service facility located within 10 km of the boundaries of the City of Winnipeg. The facility, or a portion thereof, shall be dedicated to the service and maintenance of the type equipment being offered. Further to B11, Bidders shall provide a description of the service facility including, but not limited to, number of qualified service staff, years of service experience, and general service capabilities within three (3) Business Days upon request of the Contract Administrator.

4. INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS

4.1 All items in these specifications must be answered indicating compliance or non-compliance. **Bidders shall, state “yes” for compliance or state deviation**, or give a reply where requested to do so. Deviations and/or equivalents shall be clearly stated and fully detailed. Deviations and/or equivalents will be considered subject to evaluation. In every instance where a brand name or design specification is used, the City will also consider deviations and/or equivalents.

4.2 Each Bidder is required to fill in every blank. **Failure to do so may be used as a basis for rejection of bid.**

ITEM 5.	SPECIFICATION	BIDDER TO STATE “YES” OR STATE DEVIATION
5.1	GVWR	
	Note:	
	9500 lbs. approx., state	_____
	If vehicle is over 10,000 lbs. (4536 kg) GVWR, the unit shall be equipped with a current MGI sticker, Truck-Lite 798 flare kit or equal, and Manitoba Provincial approved kit, P36 or equal	

DETAILED SPECIFICATIONS 21034 (continued)

5.2	Wheelbase	155 in. approx., state	_____
5.3	Cargo length	6.5 ft. nominal	_____
5.4	Cargo box liner	OEM Factory supplied spray-on box liner covering complete inside of box including tailgate and top of side rails	_____
5.5	Cab configuration	Extended cab	_____
5.6	Door configuration	Four (4) doors	_____
5.7	Engine	Gasoline, state displacement	_____
5.8	Block heater	Required, submersible type with cord through grille	_____
5.9	Coolant	Extended Life Coolant, -35°C	_____
5.10	Battery	650 CCA approx.	_____
5.11	Transmission	Automatic	_____
5.12	Transmission cooling	As required for trailer towing	_____
5.13	Steering	Power	_____
5.14	Brakes	Power with ABS	_____
5.15	Wheels	Standard manufacturer's wheels, without locking nuts	_____
5.16	Tires – Front & rear	LT, BSW Tier 1 or 2 all-terrain mud and snow, state size	_____
5.17	Spare wheel & tire	Required with underbody carrier	_____
5.18	Mudflaps	Required, front and rear, OEM, moulded	_____
5.19	Front axle	4WD with dash mounted electronic shift	_____
5.20	Rear axle	Limited slip or posi-traction, axle ratio suitable for 12,500 lbs. towing capacity, state ratio	_____
5.21	Floor covering	Black vinyl floor covering throughout with rubber floor mats fastened to the floor, front and rear	_____
5.22	Windshield	Tinted	_____
5.23	Windshield wipers	Intermittent	_____
5.24	Wiper blades	Winter blades with heavy duty rubber boot or Reflex style	_____
5.25	Windows	Power	_____
5.26	Mirrors	Interior rearview & heated dual exterior	_____
5.27	Ignition keys	Three (3) keys required	_____
5.28	Remote keyless entry	Two (2) required	_____
5.29	Door locks	Power	_____
5.30	Air conditioning	Required	_____
5.31	Tilt steering	Required	_____
5.32	Cruise control	Required	_____

DETAILED SPECIFICATIONS 21034 (continued)

5.33	Seat, front	Cloth-faced, split bench, 60/40 or 40/20/40	_____
5.34	Seats, rear	60-40 split-bench	_____
5.35	Radio	AM-FM with USB and Aux. port	_____
5.36	12-Volt power point	Required	_____
5.37	Bluetooth® technology	Required for use with cellular phones, "hands-free" capable, voice command activated through vehicle's radio circuit	_____
5.38	Air bags	Required, front driver's and passenger	_____
5.39	Rear-view camera	OEM with dash mounted screen	_____
5.40	Fuel tank	110 Litre approx., fully fuelled upon delivery	_____
5.41	Tubular side steps	Dual, chrome finish, OEM	_____
5.42	Bumper, rear	Rear step bumper	_____
5.43	Bumper, front	Chrome with license plate bracket and mounting hardware	_____
5.44	Towing prep package	Class 4 c/w trailer plug wiring, receiver hitch and decal on rear bumper stating maximum towing capacity, state towing capacity	_____
5.45	Electric brake controller	Required, factory installed	_____
5.46	Colour - Exterior	White	_____
	- Interior	Grey	_____
Warranty			
5.47	Vehicle warranty	The Contractor shall provide all detailed published warranty information (including all exclusions) at the time of delivery of the equipment. State the following warranties:	
5.47.1	Basic vehicle	State	_____
5.47.2	Batteries	State	_____
5.47.3	Drivetrain	State	_____
5.47.4	Cab structure	State	_____
5.47.5	Cab corrosion	State	_____
5.47.6	Frame & crossmembers	State	_____
5.47.7	Cab paint	State	_____
5.47.8	Engine	State	_____
5.47.9	Towing coverage	State	_____
5.47.10	Transmission	State	_____
5.47.11	Axles, front & rear	State	_____
5.47.12	Exhaust system	State	_____
5.48	Delivery point	Vehicles shall be serviced, ready for operation and delivered F.O.B. with the freight prepaid, including N.V.I.S. and MGI (if applicable) to the WFMA 185 Tecumseh Street, Winnipeg MB	_____

DETAILED SPECIFICATIONS 21034 (continued)

- 5.49 Delivery time Within **40-calendar weeks** from the date of award. Equipment shall be delivered between 8:00 am and 2:00 pm on Business Days _____
- 5.50 Delivery contact The Contractor shall contact the Contract Administrator prior to delivery of the equipment _____
- 5.51 PDI A pre-delivery inspection shall be performed by the Contractor on the equipment. Proof upon inspection including completed check list _____

Options:

Note: Options to be priced only as indicated on Form B: Prices.

- 5.52 Opt. 1: Box length 8' box length _____
- 5.53 Opt. 2: SPPP Snow Plow Prep Package w/5400 lbs. capacity front GAWR or higher, **state** front GAWR _____

FORM N: DETAILED SPECIFICATIONS 21034

9500 LBS. GVWR, 4WD, CREW CAB PICK-UP TRUCK

1.0 DESCRIPTION OF EQUIPMENT

1.1 Shall be a 9500 lbs. GVWR, 4wd, Crew Cab Pick-up Truck. The Pick-up Truck shall be furnished complete and ready for use with all features and equipment as described herein.

1.2 **STATE YEAR, MAKE AND MODEL BEING BID:** _____

2. OTHER SPECIFICATIONS AND STANDARDS

2.1 All applicable SAE standards form an integral part of these specifications and shall have precedence in any conflict concerning minimum acceptable standards.

Society of Automotive Engineers, SAE:
http://en.wikipedia.org/wiki/Society_of_Automotive_Engineers

2.2 Where applicable, the pick-up truck shall comply with the following regulations:

- Canadian Motor Vehicle Safety Standards, CMVSS;
- Manitoba Highway Traffic Act regulations and requirements including, but not limited to, a Manitoba Government Inspection with Safety Sticker;
- Manitoba Safety and Health Regulations, Parts 12, 16, 22;
- Canadian Standards Association, CSA;
- Under Writers of Canada, U/L.

3. SERVICE FACILITY

3.1 For the purpose of warranty repairs, the manufacturer shall have an authorized service facility located within 10 km of the boundaries of the City of Winnipeg. The facility, or a portion thereof, shall be dedicated to the service and maintenance of the type equipment being offered. Further to B11, Bidders shall provide a description of the service facility including, but not limited to, number of qualified service staff, years of service experience, and general service capabilities within three (3) Business Days upon request of the Contract Administrator.

4. INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS

4.1 All items in these specifications must be answered indicating compliance or non-compliance. **Bidders shall, state “yes” for compliance or state deviation**, or give a reply where requested to do so. Deviations and/or equivalents shall be clearly stated and fully detailed. Deviations and/or equivalents will be considered subject to evaluation. In every instance where a brand name or design specification is used, the City will also consider deviations and/or equivalents.

4.2 Each Bidder is required to fill in every blank. **Failure to do so may be used as a basis for rejection of bid.**

ITEM 5.	SPECIFICATION	BIDDER TO STATE “YES” OR STATE DEVIATION
5.1	GVWR	9500 lbs. approx., state _____
	Note:	If vehicle is over 10,000 lbs. (4536 kg) GVWR, the unit shall be equipped with a current MGI sticker, Truck-Lite 798 flare kit or equal, and Manitoba Provincial approved kit, P36 or equal

DETAILED SPECIFICATIONS 21034 (continued)

5.2	Wheelbase	155 in. approx., state	_____
5.3	Cargo length	6.5 ft. approx., state	_____
5.4	Cargo box liner	OEM Factory supplied spray-on box liner covering complete inside of box including tailgate and top of side rails	_____
5.5	Cab configuration	Crew cab	_____
5.6	Door configuration	Four (4) full sized, front hinged doors	_____
5.7	Engine	Gasoline, state displacement	_____
5.8	Block heater	Required, submersible type with cord through grille	_____
5.9	Coolant	Extended Life Coolant, -35°C	_____
5.10	Battery	650 CCA approx.	_____
5.11	Transmission	Automatic	_____
5.12	Transmission cooling	As required for trailer towing	_____
5.13	Steering	Power	_____
5.14	Brakes	Power with ABS	_____
5.15	Wheels	Standard manufacturer's wheels, without locking nuts	_____
5.16	Tires – Front & rear	LT, BSW Tier 1 or 2 all-terrain mud and snow, state size	_____
5.17	Spare wheel & tire	Required with underbody carrier	_____
5.18	Mudflaps	Required, front and rear, OEM, moulded	_____
5.19	Front axle	4WD with dash mounted electronic shift	_____
5.20	Rear axle	Limited slip or posi-traction, axle ratio suitable for 12,500 lbs. towing capacity, state ratio	_____
5.21	Floor covering	Black vinyl floor covering throughout with rubber floor mats fastened to the floor, front and rear	_____
5.22	Windshield	Tinted	_____
5.23	Windshield wipers	Intermittent	_____
5.24	Wiper blades	Winter blades with heavy duty rubber boot or Reflex style	_____
5.25	Windows	Power	_____
5.26	Mirrors	Interior rearview & heated dual exterior	_____
5.27	Ignition keys	Three (3) required	_____
5.28	Remote keyless entry	Two (2) required	_____
5.29	Door locks	Power	_____
5.30	Air conditioning	Required	_____
5.31	Tilt steering	Required	_____
5.32	Cruise control	Required	_____
5.33	Seat, front	Cloth-faced, split bench, 60/40 or 40/20/40	_____

DETAILED SPECIFICATIONS 21034 (continued)

5.34	Seats, rear	60-40 split-bench	_____
5.35	Radio	AM-FM with USB and Aux. port	_____
5.36	12-Volt power point	Required	_____
5.37	Bluetooth® technology	Required for use with cellular phones, “hands-free” capable, voice command activated through vehicle’s radio circuit	_____
5.38	Air bags	Required, front driver’s and passenger	_____
5.39	Rear-view camera	OEM with dash mounted screen	_____
5.40	Fuel tank	110 Litre approx., fully fuelled upon delivery	_____
5.41	Tubular side steps	Dual, chrome finish, OEM	_____
5.42	Bumper, rear	Rear step bumper	_____
5.43	Bumper, front	Chrome with license plate bracket and mounting hardware	_____
5.44	Towing prep package	Class 4 c/w trailer plug wiring, receiver hitch and decal on rear bumper stating maximum towing capacity, state towing capacity	_____
5.45	Electric brake controller	Required, factory installed	_____
5.46	Colour - Exterior	White	_____
	- Interior	Grey	_____

Warranty

5.47	Vehicle warranty	The Contractor shall provide all detailed published warranty information (including all exclusions) at the time of delivery of the equipment. State the following warranties:	_____
5.47.1	Basic vehicle	State	_____
5.47.2	Batteries	State	_____
5.47.3	Drivetrain	State	_____
5.47.4	Cab structure	State	_____
5.47.5	Cab corrosion	State	_____
5.47.6	Frame & crossmembers	State	_____
5.47.7	Cab paint	State	_____
5.47.8	Engine	State	_____
5.47.9	Towing coverage	State	_____
5.47.10	Transmission	State	_____
5.47.11	Axles, front & rear	State	_____
5.47.12	Exhaust system	State	_____
5.48	Delivery point	Vehicles shall be serviced, ready for operation and delivered F.O.B. with the freight prepaid, including N.V.I.S. and MGI (if applicable) to the WFMA 185 Tecumseh Street, Winnipeg MB	_____

DETAILED SPECIFICATIONS 21034 (continued)

5.49	Delivery time	Within 40-calendar weeks from the date of award. Equipment shall be delivered between 8:00 am and 2:00 pm on Business Days	_____
5.50	Delivery contact	The Contractor shall contact the Contract Administrator prior to delivery of the equipment	_____
5.51	PDI	A pre-delivery inspection shall be performed by the Contractor on the equipment. Proof upon inspection including completed check list	_____

Options:

Note: Options to be priced only as indicated on Form B: Prices.

5.52	Opt. 1: Box Length	8' cargo box	_____
5.53	Opt. 2: SPPP	Snow Plow Prep Package w/5400 lbs. capacity front GAWR or higher, state front GAWR	_____
5.54	Opt. 3: WFPS Package	Winnipeg Fire Paramedic Service options	_____
5.54.1	Splash guards	Front and rear	_____
5.54.2	Skid plates	Off-road skid plates	_____
5.54.3	Exterior mirrors	Wide load, extendable	_____
5.54.4	Rear window	Electric rear window defogger	_____
5.54.5	Seats, front	High back front bucket seats with 6-way power driver seat adjustment	_____
5.54.6	Air bag system	Head curtain side impact	_____
5.54.7	Ignition keys	Five (5) required	_____
5.54.8	Exterior colour	Bright red, state Order Code	_____

FORM N: DETAILED SPECIFICATIONS 21035

SUPPLY & INSTALLATION OF WARNING LIGHTS AND EQUIPMENT

1. INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS

- 1.1 All items in these specifications must be answered indicating compliance or non-compliance. **Bidders shall, state “yes” for compliance or state deviation**, or give a reply where requested to do so. Deviations and/or equivalents shall be clearly stated and fully detailed. Deviations and/or equivalents will be considered subject to evaluation. In every instance where a brand name or design specification is used, the City will also consider deviations and/or equivalents.
- 1.2 Each Bidder is required to fill in every blank. **Failure to do so may be used as a basis for rejection of bid.**

2. LIGHTING SPECIFICATIONS

- 2.1 Cargo rack – Backrack® or Headrack® equivalent, supplied and installed. _____
- 2.2 Utility light bracket – 16"x7", centre-mounted, required for mounting mini light bar. _____
- 2.3 Mini light bar – Grote 67983 or SWS 16311, mounted to top-centre of Backrack/Headrack, 360° visibility, wired “hot”, i.e., able for actuation while vehicle is turned-off, fused as per manufacturer’s recommendations. _____
- 2.4 Actuation switch – backlit, labelled “beacon” with a permanent type label. Exact mounting location to be determined at time of installation. _____
- 2.5 L-bracket – required for actuation switch. _____
- 2.6 All wiring for warning light and switch shall be colour coded, loomed and properly secured. _____
- 2.6.1 All electrical connectors shall be crimped and soldered, then sealed using heat shrink tubing. _____
- 2.6.2 All joining of wires shall be soldered and sealed using heat shrink tubing or approved OEM weathertight connections (crimp-on electrical connectors for joining of wires are not acceptable). _____
- 2.6.3 Any holes required to run wires through shall be drilled (not punched), grommeted and sealed as required. _____

Options:

Note: Options to be priced only as indicated on Form B: Prices.

- 2.7 Option 4: Directional Arrow – SWS 57748-2 c/w in-cab controller, to be supplied and installed on Backrack/Headrack *and* mini light bar described above. _____