

CITY OF MENLO PARK
STATE OF CALIFORNIA

REQUEST FOR PROPOSAL

FOR

2020 FREIGHTLINER M2 106 BASED EMERGENCY MOBILE COMMAND CENTER



Bids must be submitted by **Monday, October 21, 2019, by 3:00 p.m.:**

Mail delivery/ Hand delivery, FedEx, UPS, or other mail carriers

City of Menlo Park
Police Department

**Title: 2020 FREIGHTLINER M2 106 BASED EMERGENCY MOBILE COMMAND
CENTER**

701 Laurel Street

Menlo Park, CA 94025

Telephone: (650) 330-6359

Email: AMDixon@menlopark.org

Schedule of Events

Issue Date: Thursday, October 10, 2019

Questions Due: Monday, October 14, 2019

Answers to Questions Due: Friday, October 18, 2019

Due Date: Monday, October 21, 2019 by 3:00 p.m.

The City of Menlo Park reserves the right to change the Schedule of Events without prior notice or responsibility to Bidders. It shall be the bidder's sole responsibility to check the City's website on a consistent basis for changes. Website address: www.menlopark.org/bids

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1. INTRODUCTION

The City of Menlo Park is soliciting sealed bids from authorized vendors for the purchase and delivery of one new **2020 FREIGHTLINER M2 106 BASED EMERGENCY MOBILE COMMAND CENTER**, as specified herein.

2. BID SUBMISSION INSTRUCTIONS

Bids must be submitted in a sealed package, clearly marked with the bid title: “**2020 FREIGHTLINER M2 106 BASED EMERGENCY MOBILE COMMAND CENTER**”

Bids received after the due date and time specified in the Schedule of Events will not be accepted. Submittals must include:

- One (1) original;
- One (1) copy;

Bids submitted by telephone, fax, or email will be rejected. In the event that only one response is received, the City reserves the right to cancel the Bid, return the unopened response to the Bidder, and re-advertise.

Bids must be received in the Police Department in accordance with the published Schedule of Events and delivered to the following location:

Mail delivery/ Hand Delivery, FedEx, UPS, or other mail carriers

City of Menlo Park

Title: 2020 FREIGHTLINER M2 106 BASED EMERGENCY MOBILE COMMAND CENTER

Police Department

701 Laurel Street

Menlo Park, CA 94025

AMDixon@menlopark.org

Bids that are received by the due date **Monday, October 21, 2019 by 3:00 p.m.** and time specified in the Schedule of Events will be publicly opened and announced.

It shall be the Bidder's sole responsibility to check the City's website on a regular basis for award notices. Award notices are posted to the City's website after Council approval. Bidders will not receive any additional contact from the City regarding bid award.

3. INQUIRIES

Bidders must carefully examine the Bid document and any addenda that may be posted on the City's website and seek clarification of any ambiguity, conflict, or omission. Questions must be

submitted by email to AMDixon@menlopark.org by **Monday, October 14, 2019**, see the Schedule of Events for deadline. If an answer materially affects the Bid, the information will be incorporated into a document titled Answers To Questions and distributed to all bidders on **Friday, October 18, 2019** via the City's website.

Bidders will not receive any additional contact from the City regarding addenda. Prior to the bid due date and time, it shall be the bidder's sole responsibility to check the City's website on a regular basis to determine if any addenda have been posted.

All questions related to this bid must be directed to Aaron Dixon, Patrol Sergeant at (650) 330-6359 or via e-mail to AMDixon@menlopark.org.

4. SPECIFICATIONS

A. New 2020 Freightliner M2 106 based Conventional Chassis and Emergency Mobile Command Center Body:

The vehicle furnished to the City of Menlo Park shall be new and unused factory standard unless otherwise stated herein, and shall not have been operated prior to delivery to the City. Vehicle shall come equipped with all standard factory fittings, trim and accessories, unless otherwise noted in the specifications. Vehicle shall not have been used as demonstrators, or for any other prior service.

B. VEHICLE REGISTRATION:

The City will complete and file all necessary applications and transfer of ownership papers, and apply for exempt license plates. The contractor shall provide all documentation required for registration. The registered owner shall be shown exactly as follows on all forms where the registered owner is listed: City of Menlo Park, 701 Laurel Street, Menlo Park, CA 94025.

C. MANUALS:

One (1) complete set of parts, shop/service and electrical manuals for the 2020 Freightliner M2 106 based Conventional Chassis and Emergency Mobile Command Center Body will be provided; manuals on CD are acceptable.

D. KEYS:

Three (3) sets of ignition and door keys will be required, and if equipped, two (2) keyless-entry remotes.

E. WARRANTY:

The Manufacturer's regular new Vehicle Warranties shall apply to 2020 Freightliner M2 106 based Conventional Chassis and Emergency Mobile Command Center Body within this bid, and shall be honored by all franchised dealers. The City's established preventive maintenance procedures and practices shall be acceptable to the manufacturer's prescribed procedures which is a part of the warranty. A warranty certificate and/or card shall be supplied with vehicle delivered.

F. DELIVERY:

Vehicle shall be delivered to City of Menlo Park Corporation Yard, 333 Burgess Drive, Menlo Park, CA 94025.

G. QUALITY ASSURANCE PROVISIONS:

Prior to delivery, the 2020 Freightliner M2 106 based Conventional Chassis and Emergency Mobile Command Center Body shall be completely inspected and serviced by the delivering dealer and/or per the manufacturer's standard pre-delivery service. A checklist shall be completed for the vehicle, signed by a representative of the organization performing the inspection/service and delivered with the vehicle. In the event deficiencies are detected, the vehicle will be rejected and the delivering dealer will be required to make the necessary repairs, adjustments or replacements. Payment and/or the commencement of a discount period (if applicable) will not be made until defects are corrected and the vehicle re-inspected and accepted. Alternately, if the vehicle is inspected after delivery and rejected because of deficiencies, it shall be the dealer's responsibility to pick up the vehicle, make the necessary corrections and re-deliver the vehicle for re-inspection and acceptance.

H. SPECIFICATION WORKSHEETS:

The Specifications Worksheet is a requirement and must be submitted with the Bidder's response. The Worksheet is used to identify the Bidder's compliance to, or exceptions from the published specifications stated herein. Failure to complete and submit this Worksheet with the Bid response will render the Bid non-responsive, and will not be considered for award. **Any exceptions to the published specifications must be clearly identified and described in detail using the space provided herein.**

**THE FOLLOWING FORMS
ARE REQUIRED TO BE
SUBMITTED WITH BID**

5. BIDDER SUMMARY SHEET

Bidder's Name: _____

Bidder's Address: _____

Bidder's Main Telephone Number: _____ Fax Number: _____

Bid Contact (person responsible for answering questions related to the Bid response):

Name: _____ Title: _____

Telephone Number: _____ Fax: _____

Email: _____

Management Contact (person responsible for making contract decisions):

Name: _____ Title: _____

Telephone Number: _____ Fax: _____

Email: _____

Contract/Account Manager (Person responsible for the day-to-day servicing of the

Contract/Account):

Name: _____ Title: _____

Telephone Number: _____ Fax: _____

Email: _____

BID ITEM

The following specifications outline the minimum requirements for a custom manufactured Emergency Mobile Command Center for use by the Menlo Park Police Department (MPPD). The command center will have two (2) entrance doors and will be divided into three (3) distinct areas separated by interior doors. One area will have a minimum of four (4) work stations with overhead cabinets. The second area will have a galley, full height EIA equipment rack, full height storage closet, and full height cabinet with space for multi-function printer on a pull out tray. Area three will be a conference room with seating for up to eight (8) people. While all efforts have been made to fully detail the construction materials methods and equipment required to build this vehicle it remains the vendor's responsibility to choose components that will provide maximum performance, service life and safety and not just meet the minimum requirements.

Drawings are not provided. It is in the best interest of MPPD to evaluate each vendor's configuration concepts based on the description above and the information included throughout these specifications.

Due to the complexity of the conversion vendors must provide detailed specifications. A general statement or letter stating that the vendor meets all specifications will not be acceptable. Additionally, photo copies of this specification will not be an accepted response. For ease of evaluation, all submitted specifications must follow the format of this document. Failure to meet these requirements may be deemed as nonresponsive.

To insure MPPD a source of service and parts over the anticipated life of the vehicle potential vendors must have established a permanency in the industry for a minimum of twenty (20) years. Vendors must include in the proposal a list of eight (8) vehicles of similar (or greater) size and complexity delivered within the last twelve (12) month period. Reference vehicles must have fully automatic vehicle automation systems with logic capabilities. Include Department name, contact name, contact telephone number, contact email, date of delivery and exterior vehicle photo on list. MPPD will be contacting references, if information on provided list is incorrect or named contacts are unreachable the vendors RFP response will be deemed non-responsive. No exceptions.

Note: References of a subcontractor or subsidiary will not be acceptable. All references must be for vehicles built and delivered by vendor.

The ability to have the Emergency Mobile Command Center fully operational in a minimum amount of time is of utmost importance, therefore a fully integrated vehicle automation system is required. The vehicle automation system must include an auto set up mode that will enable the command center to be fully operational/fully deployed in no more than ten minutes time by a single operator. This includes but is not limited to: generator startup, interior and exterior lighting powered on, HVAC systems powered on, galley equipment powered on, audio/video systems powered on, stabilizer system deployed, radio systems powered on, computer network equipment powered on, satellite dish launch, battery charging system powered on, and awning extended. Complete details for the vehicle automation system are listed throughout the specifications.

MPPD reserves the option to request, and the vendor shall agree to provide, an on-site demonstration and evaluation of a vehicle that has a fully integrated vehicle automation system prior to award. The demonstrator unit shall be made available at no additional cost.

MPPD will not make or accept terms that require a down payment, prepayments or progress payments. No exceptions.

Vendor must be on GSA Schedule 23V, SIN 190-03 and supply GSA 1-unit pricing with their response. No exceptions.

Vendor must be awarded ISO 9001:2015 certification and must include a copy of their certification certificate with response. ISO certification must be for design, fabrication, integration, up-fit and retrofit of emergency response and commercial specialty vehicles. Additionally, the ISO certificate must list the full address of all facilities that are covered by the certification and the vendor will be required to build the vehicle at the listed facilities. No exceptions to any of the ISO requirements.

Prototype and/or demonstrator vehicles will not be accepted under any circumstance. Additionally, the body is to be a standard commercially available production model and may not include any proprietary construction techniques or components. No exceptions.

Vendor must stock a complete line of special service equipment and parts for this vehicle. Vendor must be able to supply 90% of parts required to maintain this vehicle within 24 hours and have the balance available within 72 hours. Note: MPPD reserves the right to request certain items be shipped at vendor's expense to verify ability to comply. Failure to respond as stated will be cause for rejection.

Brand names are used to establish minimum standards. If an alternate brand or model is specified, equivalency must be demonstrated. All exceptions are to be listed on a separate sheet of paper with reasons for exceptions. If an item is to be purchased, rather than manufactured by the vendor, appropriate literature demonstrating equivalency must be provided. Failure to demonstrate equivalency will be cause for rejection.

In order to fairly evaluate each vendor's technical ability and design capability, drawings are to be provided. All drawings submitted will be on the same size paper and to the same scale.

The drawings are to be on "D" size paper, 24" x 36" in size, all views must be on 1/2" = 12" scale. CAD prints are preferred.

The drawings to be provided are as follows:

- Interior floor plan (overhead)
- Right hand section view interior
- Driver and passenger view exterior
- Front and rear view exterior
- Appropriate section views interior
- Left hand section view interior
- Roof top view exterior

In addition to the drawings each vendor must include a payload calculation work sheet showing the estimated as built front axle, rear axle and total vehicle weight of the proposed vehicle. These calculations must be based on previously built vehicles produced by the vendor. Failure to meet this requirement will result in response being deemed nonresponsive.

YES	NO	Please check Yes or No for each item below. Items checked Yes must meet specifications exactly. For all items checked No, please clearly note differences on a separate sheet of paper. The City reserves the right to review exceptions and judge the possibility of their acceptability. Failure to note exceptions will cause rejection of a said bid.
CHASSIS		
1 - 2020 Freightliner M2 106 conventional cab, minimum chassis features are listed below, include detailed Freightliner specifications with response.		
		Cummins B6.7 300EV HP @ 2600 RPM, 2600 GOV, 660 LB/FT @ 1600 RPM
		12V 200 amp pad mount alternator
		(2) 12 volt 1900 CCA threaded stud batteries
		Cummins exhaust brake integral with variable geometry turbo with On/Off dash switch
		Engine after treatment device, automatic over the road regeneration and dash mounted regeneration request switch
		RH standard horizontal tailpipe
		Antifreeze to -34F, OAT (nitrite and silicate free) extended life coolant
		Gates Blue Stripe coolant hoses or equivalent
		750 watt/115 volt block heater
		Allison 3000 EVS automatic transmission with PTO provision
		Synthetic transmission fluid (TES-295 compliant)
		10,000# single front axle
		10,000# taperleaf front suspension
		Front shock absorbers
		TRW THP-60 power steering
		17,500# single rear axle
		5.88 rear axle ratio
		18,000# rear air suspension
		Dual air rear suspension leveling valves
		Rear shock absorbers
		5/16 X 3.00 X 10-1/8 inch steel frame, 50KSI
		Three-piece 14 inch steel center bumper with flexible plastic ends
		Three-piece 14 inch chromed steel bumper with collapsible ends
		Front tow hooks - frame mounted
		Hydraulic brake package
		Hydraulic 4S/4M ABS without traction control
		50 gallon aluminum fuel tank - LH
		Michelin XZE2 275/80R22.5 14 ply radial front tires
		Michelin X Multi D 275/80R22.5 14 ply radial rear tires
		Accuride 22.5 x 9.00 10-hub pilot aluminum disc front wheels
		Accuride 22.5 x 8.25 10-hub pilot aluminum disc rear wheels
		Bright standard polish front wheels with Accu-shield finish
		Bright standard polish rear wheels with outer only Accu-shield finish
		106" BBC high-roof extended aluminum conventional cab
		Rubber cab mounts
		LH and RH grab handles
		Single electric horn

		Dual West Coast bright finish heated mirrors with LH and RH remote
		LH and RH 8" bright finish convex mirrors mounted under primary mirrors
		Tinted door glass LH and RH with tinted non-operating wing windows
		RH and LH electric powered windows
		Heater, defroster and air conditioner
		LH and RH electric door locks
		(1) 12 volt power supply in dash
		High back air suspension driver seat with mechanical lumbar and integrated cushion extension
		High back air suspension passenger seat with mechanical lumbar and integrated cushion extension
		Adjustable tilt and telescoping steering column
		Electronic 3000 RPM tachometer
		Digital voltage display integral with driver display
		Chassis repair manuals
CHASSIS WARRANTY		
		Two (2)-year/unlimited miles Freightliner M2 chassis warranty.
		Two (2)-year/100,000 mile Cummins engine warranty
		Five (5)-year/unlimited miles Allison transmission warranty.
		1 - US DOT triangle reflector kit with three (3) triangles, for compliance with FMCSA regulations. Includes plastic storage case. Kit will be shipped loose in the vehicle.
BODY		
1 - All aluminum commercially available production model body (no exceptions). May not include any proprietary construction techniques or components. Built to the following specifications:		
		Over the cab attic
		Aluminum alloy double H wall beam, 6005-T5 alloy, 3" x 3" wide at the base, 1.5" wide at the top, 0.125" wall thickness 24" on center. Studs feature machined wire pass-throughs, and raised adhesive control features on base. Include photo documentation of body with proposal to verify that vendor can meet this requirement, photos must show interior structure and exterior of the body. Simply stating comply without the photo documentation will be deemed nonresponsive.
		I-beams chemically bonded to sidewalls eliminating the need for additional rivets. Buck-rivets will be used to fasten the top, bottom and rub rail. Use of two-sided tape is not acceptable.
		Body shall have 0.125" strain-hardened aluminum alloy 5052-H36 side panels. The upper panels shall be free of rivets allowing for smooth graphics application.
		Skirt supports, 1.5 x 1.5 x 0.125 angle to reinforce skirt edge and hold bottom edge in a straight line. 0.188 x 1.00" flat braces placed at 4' intervals and riveted to lower wall angle and floor to maintain sidewall skirt rigidity.

	Fender flares, 1.38" x 2.25" x 0.090" roll formed and radiused 5052-H32 aluminum sheet, mechanically fastened to wheel opening. Edges sealed against moisture.
	NFPA 1901 embossed 0.125" aluminum tread plate roof attached to 3" x 1.5" x 0.125" extruded aluminum roof bows on 16" centers. Bows are 2" skip welded every 12". Tread plate seams to be continuous welded - no exceptions. Bows feature machined wire pass-throughs, and raised adhesive control features on base - no exceptions. Perimeter of roof shall be chemically sealed. Include photo documentation of roof with proposal to verify that vendor can meet this requirement, photos must show interior structure and exterior rooftop. Simply stating comply without the photo documentation will be deemed nonresponsive.
	Extruded aluminum floor with interlocking planks, 1.88" high x various widths, 0.125" top surface. 6005-T5 alloy and temper. Heavy-duty thick-wall extruded planks fore and aft of all floor cutouts and every 5th plank in all other areas. Planks made of 6005-t5 alloy and temper, 0.250" thick top surface.
	Full width 12" deep heavy-duty aluminum rear bumper with center step, painted to match the body.
	Full length skirting below floor.
	All clearance and side marker lights to be LED.
	Standard structural warranty of 5 years or 50,000 miles and standard component warranty of 12 months or 12,000 miles.
	The vehicle shall be fully sanded on all exterior surfaces with no more than 150 grit to assure removal of imperfections in metal surface. All aluminum shall be chemically etched and primed prior to painting. Base body color shall be oven baked and painted to commercial truck standards.
	1 - Attic over cab, 2' high x 2' deep approximate overall dimensions.
	1 - 32" wide x 76" high 0.125" aluminum sedan door installed above floor. Includes 21.5" wide x 25.5" high fixed window. Door shall have continuous stainless steel piano hinge, two (2) nylon door straps and an aluminum drip rail. Interior window covering will be a mini blind.
	1 - 32" wide x 82" high 0.125" aluminum sedan door with 21.5" wide x 25.5" high fixed window. Door shall have continuous stainless steel piano hinge, two (2) nylon door straps and an aluminum drip rail. Interior window covering will be a mini blind.
	2 - Exterior heavy-duty fluted aluminum grab handle with rubber inserts and chrome plated stanchions installed at entry door.
	2 - Interior heavy-duty fluted aluminum grab handle with rubber inserts and chrome plated stanchions installed at entry door.
	1 - Automatic LED courtesy light at entry door.

		1 - Courtesy light to be controlled through vehicle automation system. Vehicle automation system will be configured to automatically illuminate light when the door is opened and will automatically turn off if the door is in the open position for more than 20 minutes. Touch screen(s) shall have a courtesy light on/off icon on the LIGHTING screen. No exceptions to any of these requirements.
		1 – Wire an overhead LED light to function as a courtesy light when rear entry door is opened.
		1 - Lippert Treadlite 30" wide - dual - automatic electric steel entry step with LED ground light. Step mounted under entry door. Step light will be tied into courtesy light defeat.
		1 - 30" wide aluminum flip-down step with diamondback planking step surface. Step shall lift and pivot to deploy and shall secure in stowed position without the need for mechanical latches.
		1 - LED Round combination stop/tail, turn and reverse lights.
		1 - Entire underside shall be undercoated. Includes chassis, floor extrusions, step wells and aluminum compartments.
		1 - Rear mud flaps. Includes anti-sail brackets when required.
PAINT		
		1 - Body base color shall be white.
DRIVER / PASSENGER CAB AREA		
		1 - Custom fabricated console in cab, for locating siren controller, police radio and/or other controls as specified elsewhere in this document.
		1 - Vehicle height sign on dash.
		1 - Vehicle shall have a Final Stage Vehicle Certification and Altered Vehicle Certification as required by Federal Motor Vehicle Safety Standards (FMVSS) 49 CFR Part 567.5 and 567.7
		1 - Payload sticker in cab area with vehicle axle load ratings and available axle payload as built.
		1 - Zone Defense color three (3) camera rear view system with 7" LCD monitor. System includes left, right, and rear vision day/night cameras. Rear camera includes a microphone for audio commands from a spotter to the driver during backing operations.
WALLS, CEILING AND FLOOR		
		1 - Insulate walls with a minimum of 2-1/2" of fiberglass with an R-11 rating. Cover interior body side posts with 1/2" plywood sub wall, structural plywood sub wall, Exposure 1-APA, 5 ply, face veneer plugged and sanded. Meets California Air Resources Board (CARB) phase 2 requirements.
		1 - Cover sub wall with smooth finish Kemlite 0.075" fiberglass reinforced plastic (FRP) lining. Wall covering shall be a continuous piece front to back, no seams acceptable. Include cross section photo of wall construction with bid response (photo must show outer skin, wall beam, insulation, inner sub wall and FRP wall covering - no exceptions.

		1 - Ceiling shall be 3-piece modular design to allow easy access for future wiring additions and/or maintenance. Modular ceiling panels to be covered in silver fabric. Include photos of modular ceiling construction with response. No exceptions.
		1 - Floor underlayment to be 5/8" exterior grade tongue and groove structural plywood, Exposure 1-APA, 6 ply, face veneer plugged and sanded. Meets California Air Resources Board (CARB) phase 2 requirements.
		1 - Lonseal Loncoin II Flecks 150 Onyx non-skid commercial grade PVC flooring. The flooring shall be continuous, one piece full length, full width, no seams.
		1 - Vinyl cove molding (mop board) at base of wall, 2-1/2" high. Installed where required.
		2 - 30" FRP covered pocket door installed on heavy-duty aluminum track with two (2) four-wheel roller trucks. Pocket door shall have recessed handles and must be flush with bulkhead when in open position.
		1 - All bulkheads shall be covered with Kemlite 0.075" FRP. Trim exposed edges of bulkheads with rounded anodized aluminum trim where applicable.
		2 - Cover load space door with powder coated aluminum panel with heavy-duty rubber grab handle. Powder coat color will be black.
GALLEY		
		1 - Magic Chef MCM1110B (or current model) 1.1 cu.ft. 1000-watt microwave oven.
		1 - Keurig Coffee maker.
		1 - Norcold NR751B (or current model) AC and DC powered refrigerator.
SEATING		
		4 - Task swivel chair 7701 (or current model) with no armrests.
		1 - Fabricate and install fixed bench seating with removable cushions. Bench seat cushions shall be covered in heavy-duty vinyl. Bench seat specifications:
		Foam for seat backs and bottoms shall be firm density.
		All bench seating material must meet Federal Motor Vehicle Safety Standards part 571.302 Flammability of Interior Materials.
		Material corners shall be squared or angled to fit precise cut of foam.
		Foam shall be bonded to plywood backer with industrial grade adhesive.
		Attachment of fabric/vinyl to backer shall utilize industrial grade upholstery staples
		Include photos of bench seating with response.
CABINETS		
		1 - Custom fabricated powder coated aluminum cabinets, include photos of upper cabinets and base cabinets with response - no exceptions. Cabinet specifications:
		Base cabinets constructed of 0.080" powder coated aluminum with anodized aluminum frames.
		Base cabinet doors are double shell, formed from a single sheet of 0.080" aluminum, with a 0.040" aluminum door back attached.

		Overhead cabinets constructed of 0.064" powder coated aluminum with anodized aluminum frames.
		Overhead cabinet doors are double shell, formed from a single sheet of 0.064" aluminum, with a 0.040" aluminum door back attached.
		Overhead cabinet doors swing up on a full-length aluminum hinge, and are held open with a locking door stay.
		No exceptions to cabinet construction.
		2 - Overhead cabinets with dry erase doors and 1 adjustable shelf located above workstations. Cabinets to be full length and have a minimum of three (3) doors.
		1 - Gas spring lift supports on all overhead cabinet doors.
		5 - LED light under overhead cabinet.
		1 - Full height cabinet minimum 26" wide with double door upper, slide out printer tray and double door lower storage.
		1 - Full height cabinet minimum 24" wide with single door and 3 adjustable shelves.
		3 - Custom sized magnetic dry erase board framed in aluminum. Includes aluminum clip frame for easy board replacement.
		1 - Wilsonart laminate countertops over workstations, galley, and base cabinets. 0.040" laminate shall be bonded to substrate and exposed edges shall be covered with heavy duty flexible PVC T-molding.
		1 - Wilsonart laminate conference table top. 0.040" laminate shall be bonded to substrate and exposed edges shall be covered with heavy duty flexible PVC T-molding.
		1 - Custom fabricated conference table base constructed of powder coated 0.125" aluminum.
		1 - Install a key display board inside overhead cabinet and clearly tag all keys for the vehicle as to their purpose.
		1 - Custom fabricated console to house electrical distribution components and control panels.

HVAC SYSTEM		
		<p>3 - Ducted Coleman Polar Mach 8 series low profile air conditioners with power and thermostat controlled by the vehicle automation system. No exceptions.</p> <ul style="list-style-type: none"> • Vehicle automation system HVAC screen shall have a digital temperature display and an icon to increase or decrease the temperature setting for each air conditioner, there shall also be icons to choose fan high/low speed. Touch screen(s) will also have icons to select Auto, Cool or Heat modes - no exceptions. • Vehicle automation system touch pad(s) with digital displays in rooms that do not have a touch screen to provide local control of the temperature setting. • High Capacity Air Duct manufactured from polystyrene foam laminated with 99% pure polished aluminum inside and out, internally mounted in ceiling • 13,500 nominal Btu/hr air conditioner with condensate pump. • Chill Grille Assembly with 6,000 Btu/hr heat strip • Louvered Ceiling Vents, as required
		<p>2 - Broan model 174 wall mount 5,120 Btu/hr electric heater. Vehicle automation system HVAC screen shall have a digital temperature display and an icon to increase or decrease the temperature setting for heater. Additionally there shall be system touch pad(s) with digital displays in rooms that do not have a touch screen to provide local control of the temperature setting. No exceptions.</p>
		<p>1 - Broan model 112 kick space mount 5,120 Btu/hr electric heater. Vehicle automation system HVAC screen shall have a digital temperature display and an icon to increase or decrease the temperature setting for each heater. Additionally there shall be system touch pad(s) with digital displays in rooms that do not have a touch screen to provide local control of the temperature setting. No exceptions.</p>
CUSTOM PROGRAMMED VEHICLE AUTOMATION SYSTEM		
<p>Note: All of the vehicle automation system components must be commercially available for purchase. If a vendor proposes a proprietary vehicle automation system their response will be deemed non-responsive. No exceptions.</p>		

1 - Furnish and install a multiplexed vehicle automation system incorporated into common touch screen(s) that are custom programmed to monitor and control onboard systems as described throughout these specifications. The automation system software must allow simultaneous distribution of information to multiple onboard control/monitoring stations and the software must be updateable and configurable as required. This system is mandatory as it simplifies start up procedures, contains fewer operating components, reduces operational start-up time, reduces the total amount of wiring in the vehicle and has error detection protocols and troubleshooting features.

Automation system includes:

- One (1), 10" LCD touch screens with custom graphics for control and monitoring
- Two (2), 3" Touch panel for dedicated local control and monitoring of specific vehicle automation system features. Includes control layout and indicators where applicable
- Two (2), 3" Touch panel with numeric display for dedicated local control and monitoring of specific vehicle automation system features including room HVAC. Display shows current room temperature and HVAC setpoint when adjusted. Includes control layout and indicators where applicable
- AC power distribution control and monitoring for the generator with power management
- DC power distribution control and monitoring with I/O channels and 3 battery banks
- Manual or automatic generator control
- HVAC and temperature control in each section of the truck
- Lighting control in each section of the truck and exterior
- Automatic power transfer switches
- Automated startup and shutdown mode that will enable the command center to be fully operational/fully deployed in no more than ten minutes time by a single operator. This includes but is not limited to: generator startup, interior and exterior lighting powered on, HVAC systems powered on, galley equipment powered on, audio/video systems powered on, slide outs deployed, stabilizers deployed, radio systems powered on, computer network equipment powered on, battery charging system powered on, satellite data dish launched, satellite TV dish launched, mast raised, and awning extended.
- Storage mode configuration to ensure auxiliary and chassis battery systems are maintained at full charge capacity. Storage mode must also control heating and air conditioning systems at a preset level to maintain interior vehicle temperature.
- Battery Tend mode that automatically starts the generator and charges all battery banks when voltage drops below a user definable voltage setting. The generator will run for approximately two hours to fully charge the battery banks and then shut down.
- Travel mode to maintain interior vehicle temperature and power to critical equipment, such as computers and radios, as the vehicle is traveling to and from the incident

	<p>Vehicle automation touch screen(s) to have a minimum of four tabs, POWER (home), LIGHTING, HVAC and MISC. The POWER screen will display the main power control icon, AC power source (i.e. generator, shore power or auto-eject) and all AC/DC information as described elsewhere in these specifications. The power screen will also include the Auto Startup, Auto Shutdown, Storage Mode and Battery Tend Mode icons. The LIGHTING screen will display all lighting control icons as described elsewhere in these specifications. The HVAC screen will display HVAC control icons and settings as described elsewhere in these specifications. The MISC screen will display miscellaneous information as described elsewhere in these specifications. Include photos of touch screen control panel with response.</p>
	<p>Vehicle automation touch screen(s) to have a Utility page that when accessed will show the status of system modules, gen hour meter adjustment, AC system override, and other system control features.</p>
	<p>Vehicle automation touch screen(s) will automatically time out to a digital clock after 10 minutes of nonuse. Digital clock is to have 12 and 24 hour modes that are user definable.</p>
	<p>Vehicle automation system must be completely upgradeable. Additional components may be added into system with a simple software modification.</p>
	<p>Vehicle automation system must include electronic over-current protection (no fuses permitted) with fault indication and automatic restoration.</p>
	<p>Vehicle automation system capabilities are not to be achieved with use of multiple monitoring systems designed for specific use i.e. water monitors, battery monitors etc.</p>
	<p>SRPD reserves the option to request an on-site demonstration and evaluation of offerers vehicle automation system before acceptance of contract. If requested, a demonstrator vehicle shall be made available at no additional cost. Time and amount of hours required for such evaluation shall be determined by SRPD.</p>
	<p>None of the above components and systems may be proprietary.</p>
	<p>No exceptions to any of the vehicle automation system requirements.</p>

AC ELECTRICAL SYSTEM		
		<p>1 - 25-kW 120/240Vac liquid-cooled diesel generator installed in a custom fabricated compartment. Generator specifications:</p> <ul style="list-style-type: none"> • Kubota T4i water cooled diesel engine • Radiator cooled, remote mounted for lower compartment height • 4 pole rotating field alternator with 300% short circuit capability • Air bag mounting <p>Compartment shall be constructed to the following specifications:</p> <ul style="list-style-type: none"> • 0.187" aluminum with all welded seams. • 2" deep 0.125" aluminum box pan doors and 0.125" aluminum frames. • Door frames riveted to the body and welded to the compartments. • Stainless steel door hinges attached with stainless steel machine screws. • Flush mounted door handles with slam latches. • 0.125" perforated aluminum panels on interior door surfaces. • Gas charged lift/support cylinders to hold doors open at 90° . • Industrial grade neoprene gasket door seals. • Sound barrier lining on interior compartment walls, ceiling and doors. Sound barrier material consists of metalized Mylar facing, 1" sound absorbing foam, 1.0#/sf barrier, 1/4" foam decoupler and a 3 mil. acrylic pressure sensitive adhesive with a 76# Kraft paper liner.
		1 - Generator exhaust shall be routed to the street side of the vehicle.
		<p>1 - ACData surge suppressor for protection of entire AC power system. Product features:</p> <ul style="list-style-type: none"> • UL listed: UL1449 3rd Edition • LED visual verification of status
		1 - Kussmaul Auto Eject 20, 20A-120Vac shore power inlet with 25-ft. 20A-120Vac shore power cord controlled through the vehicle automation system - no exceptions.
		1 - Marinc 100A-125/250Vac waterproof shore power controlled through the vehicle automation system - no exceptions. Includes 25-ft. 100A-125/250Vac shore power cord and 6-ft. 100A-125/250Vac pigtail.
		6 - 20A-125Vac duplex receptacle with two (2) USB charging inputs, USB output to be 3A, 5VDC. Receptacle is not dedicated to any installed equipment. Controlled through the vehicle automation system - no exceptions.
		1 - 20A-125Vac GFCI duplex receptacle. These receptacles are not dedicated to any installed equipment. Controlled through the vehicle automation system - no exceptions.

		2 - 20A-125Vac exterior GFCI duplex receptacle with weatherproof PVC cover. Controlled through the vehicle automation system - no exceptions.
		<p>1 - Wire chase wire management raceway system. Product features:</p> <ul style="list-style-type: none"> • Satin anodized finish. The finish resists rust, corrosion and fading. Material extruded from 6063-T5 aluminum alloy. • Removable dual cover. Makes wiring easy and accessible and provides maximum flexibility for adding or relocating outlets and circuits. The cover retention is 45 lbs. straight pull for one minute. • UL Listed multioutlet assemblies. File E68073 Guide PVGT, Fittings: File E121188 Guide RJPR. Meets Article 380 of NEC and meets Section 12-3032 of CEC. • UL and cUL Listed component raceways. File E73943 Guide RJBT, Fittings: File E74343 Guide RJPR. Meets Article 386 of NEC and meets Section 12-600 of CEC. • UL5 and ADA compliant. Raceway and fittings meet UL5 specifications and can be installed in conformance with ADA requirements
AC WIRING REQUIREMENTS		
		All AC main wiring shall be stranded THHN wire and run in non-metallic Carlon Carflex liquid tight conduit.
		All AC branch circuit wiring shall be stranded THHN wire (AWG 12 minimum) and run in non-metallic Carlon Carflex liquid tight and Carlon Flex-Plus blue ENT conduit.
		All electrical circuits and appliances shall conform to applicable national electrical codes.
DC ELECTRICAL SYSTEM		
		4 - Lead acid deep-cycle 6Vdc batteries. Batteries shall be installed underbody in slide out weather resistant compartment. Two (2) batteries will be separated for auxiliary equipment and two (2) batteries will be for communications equipment.
		<p>2 - Electronic converter/chargers, 80 amp minimum output each installed underbody in weather resistant climate controlled. Compartment to draw ambient air from interior of truck and will have thermostatically controlled exhaust fan to circulate warm air to exterior (no exceptions). Converter/charger features:</p> <ul style="list-style-type: none"> • Charges three banks of batteries at the same time. • UL listed for safety. • Manual reset circuit breaker. • Reverse battery protection. • Electronic current limiting. • High voltage protection.
		1 - All DC electrical shall be controlled and monitored through the vehicle automation system. The POWER (home) screen shall display the chassis battery voltage and amperage load, auxiliary battery bank voltage and amperage load, and the communications battery bank voltage and amperage load.

		15 - 6" round neutral white LED light fixtures with polished bezel located on ceiling throughout vehicle. Lights to be divided into three (3) zones and switched through automation controls in any of the three rooms in the vehicle. Vehicle automation system LIGHTING screen to have light on/off icon with indicators for each room. There shall also be an option to reduce the light level on the touch screen. No exceptions.
		9 - 6" round neutral red/white LED light fixtures with polished bezel located on ceiling throughout vehicle. Lights to be divided into three (3) zones and switched through automation controls in any of the three rooms in the vehicle. Vehicle automation system LIGHTING screen to have light on/off icon with indicators for each room. There shall also be an option to reduce the light level on the touch screen. No exceptions.
		6 - Whelen M6ZC Gradient LED Scene Light. Lights to be divided into three (3) zones and switched through automation control touchscreens and at exterior TV work station. Vehicle automation system LIGHTING screen to have light on/off icon with indicators for each zone. No exceptions.
12VDC WIRING REQUIREMENTS		
		2-gauge minimum copper stranded battery cable shall be used for 12Vdc main supply lines. All cable runs shall be full length, no splices. All cable terminals shall be staked and soldered. All cable shall be enclosed in convoluted polyethylene tubing and the ends of the cable shall be sealed with color-coded shrink-wrap identifying the function of the cable.
		All added electrical branch circuits shall be protected from over-current by resettable circuit breakers appropriately rated for the load. Only circuit breakers shall be used in the installation of added electrical branch circuit wiring (plug type fuses are unacceptable).
		Circuit breaker functions shall be identified by engraved or printed labels.
		All added wiring for load runs of AWG 10, 12, 14, and 18, shall conform to MIL-W-16878/2 and/or UL1007/1569"
		All added wiring for load runs of AWG 8, shall conform to MIL-W-16878/3 and/or UL1028
		Wire terminals for added circuits must conform to MIL-T-7928. Terminals shall be insulated, insulation grip, TYPE II, CLASS 2 and shall be crimped with tooling recommended by the terminal manufacturer.
		All wiring shall be numbered or lettered on 6" centers minimum.
		Wiring shall be protected from chafing and abrasion with convoluted polyethylene tubing (wire loom) as required.
		Where wire passes through sheet metal, bulkheads and structural supports, plastic grommets shall be used to protect both wiring and wire looms.
		All wire bundles shall be tied with trimmed nylon ties.
		Extreme care shall be exercised to provide for easy serviceability of the system in future years.

		Extreme care must be taken in the installation to avoid the engine manifold, engine exhaust, and muffler, which could expose the wiring to severe overheating during long periods of operation. Proper insulation and heat deflection panels must be installed in such areas.
		A high-current 12Vdc system wiring schematic shall be provided.
		These are the minimum acceptable 12Vdc wiring requirements.
EMERGENCY LIGHTING / SIRENS		
		1 - Whelen 295SLSA6 siren with 9 low current lighting control switches. California Title 13 compliant
		1 - Whelen SA315P high performance speaker, with SAK9 bracket.
		2 - Whelen TLIR ION-T- Series™ Linear Super-LED® Red with clear outer lens & TIONFC chrome flange.
		2 - Whelen TLIB ION-T- Series™ Linear Super-LED® White with clear outer lens & TIONFC chrome flange.
		14 - Whelen M6 series Linear Super-LED lighthouse with internal flasher, Split Red/White LED's with clear outer lens, model M6D (or current model). Includes chrome flange M6FC (or current model).
AUDIO / VIDEO		
		3 - Samsung UN43J5200AFXZA - 43" LED TV (or current model) with wall mount bracket.
		1 - Weatherproof single door exterior work station and TV/monitor compartment. Constructed from 0.125" aluminum with all welded seams and hinged at the top. Includes: <ul style="list-style-type: none"> • Internal flip down work surface • LED strip light (illuminates when door is opened) • Gas charged lift support and locking latch
		1 - Winegard TRAV'LER DirecTV HD SWM 3 Slimline automatic satellite system. Vehicle automation system to automatically stow antenna when the AUTO SHUTDOWN feature is activated. No exceptions.
		2 - DirecTV H25 HD Commercial Satellite Receiver.
		1 - JACK® model OA8500 Digital HDTV Antenna + Mount with SureLock™ DTV Signal Meter.
		1 - Extron DXP 44HD 4K PLUS 4X4 HDMI Matrix Switcher. 60-1493-21 Matrix Inputs: Two (2) DSS receivers and two (2) mast cameras. Matrix outputs: Three (3) 43" TV's.
		2 - Extron MKP 2000 X-Y Remote Control Panel for Extron Matrix Switchers

MAST AND MAST MOUNTED EQUIPMENT		
		<p>1 - Heavy-duty non-locking telescoping pneumatic mast. Mast features:</p> <ul style="list-style-type: none"> • 265 lb. max top load capacity (no exceptions) • 26' 2" extended height • 6' 1" nested height <p>Includes:</p> <ul style="list-style-type: none"> • KEY-WAY breakaway nylon key prevents tower rotation. Easily replaceable. • Air safety valve for over pressure release and condensation drainage. • Water drainage holes to avoid freezing at low temperatures. • Interlock to prevent vehicle from being driven with mast raised. • Tower does not require routine lubrication. • Mast cap covers the top of all tower sections when the tower is in the retracted position keeping dirt and moisture out of the tower when stowed.
		1 - Thomas Ultra Air-Pac 1/2-hp compressor with 2 gallon air tank.
		1 - Custom fabricated 0.125" aluminum Nycoil cylinder painted to match body color.
		1 - Custom fabricated 0.125" aluminum mast cover painted to match body color.
		1 - Custom fabricated bracket on mast to mount two individual camera systems.
		1 - Mast lookup light mounted on mast.
		1 - Weatherproof mast up/down control switch on exterior of vehicle. Vehicle automation system to automatically lower mast when the AUTO SHUTDOWN feature is activated. No exceptions.
		<p>2 - AXIS Q6155-E PTZ Dome Network Camera with Lightfinder technology.</p> <ul style="list-style-type: none"> • HDTV 1080p and 30x optical zoom • Axis Sharpdome technology with Speed Dry • Lightfinder technology performs in low lighting conditions, extremely sensitive to low light • Built-in laser that provides instant focus in challenging lighting conditions and in complete darkness
		2 - Axis T8705 Video Decoder.
		2 - SD Memory Card for mast IP camera. The SD card shall record mast camera allowing it to be downloaded and viewable via an IP address.

RADIOS		
		1 - Primary 12Vdc power leads for communications radios shall be minimum 2-gauge copper stranded wire with soldered crimp-on end connectors (gauge based on radio requirements). Cables shall be enclosed in convoluted tubing and function identified with colored shrink-wrap. Power to radios shall be controlled through the vehicle automation system – no exceptions.
		8 - Prewire and make installation provisions for communications radio. Installation includes: <ul style="list-style-type: none"> • NMO-style base on the roof or antenna raceway, as applicable. • LMR195 antenna cable routed to radio transceiver location in Carlon Carflex ENT conduit. • 12Vdc power routed to radio transceiver location.
		1 - Install hinged panels under countertops to conceal radio transceivers where applicable.
		1 - Fabricate and install 3" x 3" square aluminum tubing antenna raceway on the roof of the vehicle. Antenna raceway will penetrate the roof on each side of the truck at radio box locations. Includes: <ul style="list-style-type: none"> • 3" high x 3" long aluminum access cover at each antenna base location on the side of the tubing for access to antenna base and coax cable. • Access covers with watertight gasket and attached with four (4) stainless steel machine screws. Raceway tube to have nut-serts installed for access cover attachment. <p>No exceptions to any of the antenna raceway requirements. Include photos detailing raceway fabrication and installation with response – no exceptions.</p>
COMPUTER NETWORK AND EQUIPMENT		
		8 - RJ-45 Cat6 computer network jack with Cat6 cable routed through Carlon Flex-Plus ENT conduit or raceway (as applicable).
		1 - Leviton 69270-U24 24-port Cat6 rack mount patch panel.
		1 - Certified 18" Cat6 patch cord. As Required.
		1 - Certified 36" Cat6 patch cord. As Required.
		1 - Cable Certification Report confirming that network wiring complies with CAT6 specifications. Certification report to be generated using Agilent Technologies WireScope 350 (or equivalent). Report must include the cable length for each CAT6 cable in the vehicle and must indicate that each cable passes the following test: <ul style="list-style-type: none"> • Attenuation (dB) • PowerSum NEXT (dB) • Return Loss (dB) • PowerSum ELFEXT (dB) <p>Include a sample cable certification report with response - no exceptions.</p>

		<p>1 - Allied Telesyn AT-GS910/16-10 16-port 10/100/1000T Unmanaged Gigabit Switch. Product features:</p> <ul style="list-style-type: none"> • Wirespeed performance • Auto-negotiation Gigabit ports • Auto MDI/MDIX on TX ports • Full duplex flow control
		1 - Asus® RT-N12 D1 Wireless-N300 3-in-1 Router.
		1 - Pre-wire and make installation provisions for MPPD installed printer/fax/scanner.
		4 - Install MPPD supplied computer and monitor.
		<p>1 - AvL Technologies model 1278K, 1.2 meter auto deploy two-way broadband satellite communications system.</p> <ul style="list-style-type: none"> • AvL1278K 1.2 meter precision composite mobile VSAT satellite antenna • AvL AAQ antenna controller with “one button” auto-acquisition • AvL universal BUC mounting kit • iDirect X7 satellite router • NJR 6 Watt universal Ku-band BUC • NJR-2835S Ku band LNB <p>Vehicle automation system to automatically stow satellite antenna when the AUTO SHUTDOWN feature is activated. No exceptions.</p> <p>Note: Vendor to confirm system is fully operational using a temporary service plan for testing. MPPD will purchase and activate service contract after delivery.</p>
		1 - Prewire and make installation provisions for MPPD supplied 4G wireless router with single modem. Includes two (2) roof mounted NMO antenna bases with rain caps.
MISCELLANEOUS ELECTRONICS		
		<p>1 - Custom fabricated mounting system to secure forty-space 19" wide x 26.5" depth (24" useable depth) open framed electronics equipment rack with caster base. Rack to easily roll out from its fixed position to allow full access to side and rear of rack mounted equipment. Includes:</p> <ul style="list-style-type: none"> • Top fan panel, with four (4) 50 cfm ventilation fans • Vented front door with key lock. • Two (2) 20 amp power strip with 6 outlets each. • Include photos showing rack system in fixed and extended positions – no exceptions.
EXTERIOR STORAGE COMPARTMENTS		
		1 - Single door underbody storage compartment with approximate interior dimensions 21" high x up to 36" wide x 25" deep constructed from 0.125" aluminum with all welded seams.
		2 - Single door underbody storage compartment with approximate interior dimensions 21" high x up to 48" wide x 25" deep constructed from 0.125" aluminum with all welded seams.

		<p>Compartments listed above will be constructed to the following specifications:</p> <ul style="list-style-type: none"> • Sweep out type bottoms with 1/2" drain holes. • 2" box pan doors and door frames fabricated from 0.125" aluminum. • Door frames shall be riveted to the body and welded to the compartments. • Compartments shall have an LED light that illuminates when the door is opened. <p>Compartment doors will be constructed to the following specifications:</p> <ul style="list-style-type: none"> • Stainless steel hinges attached with stainless machine screws. • Slam latches and flush mounted handles. • 0.100" bright polished aluminum diamond plate on interior surfaces fastened with stainless hardware. • All doors shall be sealed with industrial grade neoprene gasket.
MISCELLANEOUS OTHER		
		<p>1 - Automatic Awning 18' Cadet Grey acrylic fabric electric awning with the following features:</p> <ul style="list-style-type: none"> • Solid-state sensor automatically closes awning after detecting sustained winds • Exclusive Knee-Action Design prevents damage from sudden wind gusts • Heavy duty motor is fully contained in the roller tube, self-locks awning in travel position • Unique spring-arm mechanism automatically dumps accumulating rain water <p>Vehicle automation system to automatically stow awning when the AUTO SHUTDOWN feature is activated. No exceptions.</p>
		<p>1 - Zico Quic-Ladder swing out and down vehicle ladder. Product features:</p> <ul style="list-style-type: none"> • Cast aluminum rungs with flat, non-skid surface • Steps are 3" deep • Handrails are 1-1/4" heavy-walled aluminum tubing
		<p>1 - Heavy-duty Quadra Mfg. Bigfoot© four point fully automatic one-touch leveling system. Includes:</p> <ul style="list-style-type: none"> • Four (4) QEII-26 jacks with 17,000-lb. capacity each, 26" long with 20" stroke • Air ride dump valve • Leveling system to be controlled through vehicle automation touchscreen. No exceptions. • Interlock through the vehicle automation system to prevent moving the vehicle with jacks deployed. Vehicle automation system to give audible and visual alert if ignition is turn to on position. No exceptions.
		<p>2 - 5 pound dry chemical fire extinguisher.</p>
		<p>3 - Battery powered combination Carbon Monoxide and Smoke alarm.</p>

		1 - Four (4) complete sets of keys supplied with vehicle.
		<p>1 - Complete manual set, including the following loaded on USB flash drive:</p> <ul style="list-style-type: none"> • As-built specifications with interior and exterior drawings as used for production of the vehicle. • Chassis and body owner's manuals. • 12Vdc and 120Vac legends showing wire gauge, color, number and function. • 12Vdc high current wiring diagram illustrating the battery system, isolators, power converters, alternator, disconnect switches and control panels. • Roof top antenna placement drawing and legend identifying antenna placements and termination points. • Audio/Video cabling diagram. • Warranty and Return Authorization procedures. • Chassis and generator maintenance and service logs. • Battery maintenance information. • All individual component manuals and warranty registration cards as provided by component manufacturers.
		<p>1 - At time of delivery to MPPD facility a factory trained employee of the manufacturer will provide up to eight (8) hours of orientation on manufacturer installed systems. Includes:</p> <ul style="list-style-type: none"> • Vehicle automation system operation • Generator start up and shut down procedure • Stabilizer system operation • AC and DC electrical systems operation • HVAC systems operation • Mast operation • Audio/Video system operation • Satellite data system operation • Awning operation
		1 - One (1) year warranty from manufacturer defects in materials and workmanship. Include warranty statement with response.

Bid Item	2020 FREIGHTLINER M2 106 BASED EMERGENCY MOBILE COMMAND CENTER
Bid Price	
Doc Fee	
9.25% Sales Tax	
Tire Fee	
Additional Fees	
Three (3) sets of keys	
Delivery Fee	
Total Price	
Total Price amount in words	

In case of discrepancy between an item price in words and the price in figures, the price in words shall prevail.

***Please note prices will be valid for 120 days from bid opening date.**

Any and All options ordered with factory option codes shall be installed by factory and shall be covered under warranty by all factory owned and franchise dealers.

6. ACKNOWLEDGEMENT AND SIGNATURE OF AUTHORIZATION

I _____, _____ have read and understand the
(Full Printed Name) (Title)

the Bid Document, and I am duly authorized to commit my company to sell goods or perform services specified herein. I understand by signing this bid I am not obligating the City to make this procurement, nor am I signing a contract to sell goods or perform services. By signing this document I agree to comply with all specifications, scope of services, requirements, terms and conditions described herein, unless specifically noted. This bid is firm for 120 days from the due date identified in the Schedule of Events of this Bid.

Authorized Representative:

Signature

Date

7. REFERENCES

1. Company's Name _____

Address _____

City _____ State _____ Zip _____

Telephone _____ Email _____

Numbers of years goods or services were provided or are currently provided: _____

2. Company's Name _____

Address _____

City _____ State _____ Zip _____

Telephone _____ Email _____

Numbers of years goods or services were provided or are currently provided: _____

3. Company's Name _____

Address _____

City _____ State _____ Zip _____

Telephone _____ Email _____

Numbers of years goods or services were provided or are currently provided: _____

8. CONTRACT TERM

The Contract will terminate upon final payment to the Contractor. The Contract will not be extended.

9. CONTRACT EXTENSION

Not Applicable

10. CONTRACT TERMINATION

Termination for Convenience: Either the City or the Contractor may terminate this contract at any time without cause by giving thirty (30) calendar days written notice to the other of such termination and specifying the effective date thereof. If this contract is terminated as provided herein, Contractor shall be paid only the total amount equal to the goods and/or services Contractor has provided as of the termination date. In no event shall the amount payable upon termination exceed the total maximum compensation provided for in this contract or the value of goods and/or services provided as of date of termination.

Termination for Cause: If for any reason, Contractor fails to fulfill in a timely and proper manner its obligation under this contract, or if Contractor violates any of the covenants or stipulations of this contract, City shall then have the right to terminate this agreement by giving a five (5) calendar day written notice to Contractor. The notice shall refer to this clause, shall specify the nature of the alleged default, and shall specify the effective date of the termination. The Contractor will be paid a total amount equal to the goods and/or services Contractor has provided as of the termination date. In no event shall the amount payable upon termination exceed the total maximum compensation provided for in this contract.

11. REQUIRED FORMS

Forms included in the Required Forms section of this bid must be completed and signed by a company principal or officer. All completed forms must be returned with the Bid response. Bids submitted without the Required Forms may be deemed as non-responsive and may be rejected. In order to maintain uniformity, bid responses must be organized and submitted using the following format:

- Bidder Summary Sheet
- Bid Sheet
- References Form
- Acknowledgment and Signature of Authorization

12. SELECTION CRITERIA

The following selection criteria will be used when evaluating bid responses and selecting the successful bidder.

- General Provision – Contract award shall be at the sole discretion of the City. It is the intent to make an award to one bidder for all items, although the City reserves the right to make multiple awards depending on the needs and best interests of the City. The City may accept or reject any or all bids in whole or in parts and may waive informalities in the process. The contents of the Bid response submitted by the selected Bidder will become the basis for a contractual obligation when the award is made.
- General Goods and Services – Award will be made to the lowest, responsive, and responsible bidder. The City may make an award without further discussion of the bids submitted; therefore, the bid response must be submitted on the most favorable terms that the Bidder can offer.

13. RESERVATION OF RIGHTS

The City reserves the right to:

- Reject any and all bids at its discretion;
- Cancel the entire bid;
- Waive any minor errors or informalities in any bid to the extent permitted by law.

14. TERMS AND CONDITIONS

a) Addendum to the Bid – If it becomes necessary to revise any part the Bid, an addendum will be posted on the City’s website. If an answer materially affects the Bid, the information will be incorporated into an addendum and will be posted to the City’s website for download. All addenda issued during the time of bidding will be incorporated into the resulting contract.

Bidders will not receive any additional contact from the City regarding addenda. Prior to the bid due date and time, it shall be the bidder’s sole responsibility to check the City’s website on a regular basis to determine if any addenda have been posted.

b) Applicable Laws – The laws of the State of California will govern the Contract. The applicable law for any legal dispute arising out of the Contract shall be the law of the State of California. The Bidder shall comply with all federal, state, county and local laws concerning this type of goods and/or services. All systems provided by the Bidder shall comply with all applicable federal, state, and local building, fire, safety, and electrical codes and all relevant industry standards.

c) Assignment – The Bidder shall, under no circumstances, assign any contract issued as a result of this bid by any means whatsoever, or any part thereof to another party without express written permission of the City of Menlo Park.

d) Award of Contract – A contract may be awarded as a result of this bid and may require approval by the City of Menlo Park City Council as prescribed by City Ordinances and Codes. All awarded contracts must be issued a City of Menlo Park Purchase Order prior to delivering goods or performing services. If the awarded Contractor imposes additional terms or conditions after the award of a contract, the award may be rescinded and the Contract will be canceled.

e) Bidder's Cost to Develop a Response – Costs for developing a response to this solicitation are entirely the obligation of the Bidder and shall not be chargeable in any manner to the City of Menlo Park.

- f) Conflict of Interest – Except for items that are clearly promotional in nature, mass produced, trivial in value and not intended to invoke any form of reciprocation, employees of the City of Menlo Park may not accept gratuities, entertainment, meals of anything of value whatsoever from current or potential suppliers.
- g) Default of Contractor - The City of Menlo Park shall hold the Contractor responsible for any damage, which may be sustained because of the failure or neglect of the Contractor to comply with any term or condition, listed herein.
- h) Equal Employment Opportunity – The Bidder shall comply with all applicable state and federal laws addressing Equal Employment Opportunity.
- i) General Services – Award will be made to the lowest, responsive, and responsible bidder. The City may make an award without further discussion of the bids submitted; therefore, the bid should be submitted with the most favorable terms that the Bidder can offer.
- j) Independent Contractor Status – It is expressly understood that the Bidder named in any contract entered into by the City is acting as an “independent contractor” and not as an agent or employee of the City of Menlo Park.
- k) Late Submission of Bid – Any bids received after the due date and time specified in this bid will not be accepted. The City will not return late submittals.
- l) Permits and Licenses – The Bidder shall secure or maintain in force during the period covered by any contract resulting from this bid all licenses and permits required by law for the operation of their business including a Menlo Park Business License when required.
- m) Public Information – After the date specified for the opening of the bid, all materials received relative to general service bids become public information and are available for inspection. Professional service bids become public upon award of contract. The City reserves the right to retain all bids submitted, whether or not the bid was selected or judged to be responsive.
- n) Rejection of Bids – This bid does not commit the City of Menlo Park to award a contract. The City reserves the right, at its sole discretion, to reject any or all bids without penalty, to waive irregularities in any bid response or in the bid procedures, and to be the final judge in determining a responsive and responsible bid.
- The City reserves the right, at its sole discretion, to reject any or all bids that include items not specified, incorrect specifications and/or scope of services, incomplete schedule of required items, additional terms and conditions, and bids that are not responsive to the published specifications and/or scope of services. Bids received by telephone, email or facsimile will be considered non-responsive and will be rejected. Bids offering less than 120 days for acceptance from the published closing date may be considered non-responsive and may be rejected.
- o) Signatures – Bid responses must be signed in longhand by the Bidder with his/her usual signature in the designated areas within the bid documents. Submission of bids must be signed by any and all representatives legally authorized to contractually bind the Corporation.
- p) Withdrawal of Bids – Bid responses received by the Purchasing Division may be withdrawn. An authorized representative of the Bidder must submit a signed, written request to the Purchasing Manager, formally requesting their bid to be withdrawn from the bid process.

15. DEFINITIONS

Lowest responsible bidder. In addition to price, the "lowest responsible bidder" will be determined by consideration of the following factors:

- (1) The quality, availability and suitability of the supplies, equipment or services to the particular use required.
- (2) The ability, capacity and skill of the bidder to perform the service required.
- (3) Whether the bidder has the financial resources and facilities to perform or provide the service promptly, or within the time specified, without delay or interference.
- (4) The character, integrity, reputation, judgment, experience and efficiency of the bidder.
- (5) The bidder's record of performance or previous contracts or services, including compliance by the bidder with laws and ordinances relating to such contracts or services.
- (6) The ability of the bidder to provide future maintenance and service for the use of the equipment or materials to be purchased.
- (7) The scope of conditions attached to the bid by the bidder.

Nonresponsive bidder means an offer, submitted by a bidder, to furnish supplies, equipment or services that are not in conformity with the specifications, delivery terms or conditions or other requirements specified in the invitation for bids.

Non-responsible bidder is a bidder that provides a bid but fails to demonstrate their capacity (financial or otherwise) to provide the supplies, equipment or service as specified in the bid.

Responsive bid means a bid, submitted by a responsible bidder, to furnish supplies, equipment or services in conformity with the specifications, delivery terms and conditions and other requirements specified in the invitation for bids.