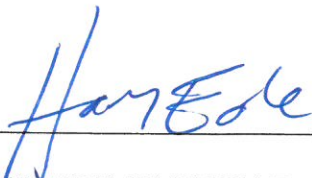



SPECIFICATION  
MOBILE COMMUNICATIONS TRUCK  
FOR THE  
TOWNSHIP OF GLOUCESTER

\_\_\_\_\_  
SOLICITOR

  
\_\_\_\_\_  
DEPARTMENT HEAD

  
\_\_\_\_\_  
BUSINESS ADMINISTRATOR

  
\_\_\_\_\_  
MAYOR

BID OPENING DATE:

SPECIFICATION: 2015 PD #3

SPECIFICATION DATE: 2/10/16

APPROVAL SIGNATURE PAGE

SPECIFICATIONS  
FOR THE  
PURCHASE OF  
MOBILE COMMUNICATIONS TRUCK  
INDEX

Cover Page  
Notice to Bidders  
Bid Proposal Form/Signature Page  
Instructions to Bidders  
Bid Bond/Surety Bond/Waiver/Consent  
Specifications  
Affirmative Action  
Non-Collusion/Proof of Registration/Form  
Construction Contract/Performance Contract/Contract Form  
Americans with Disabilities Act

**TOWNSHIP OF GLOUCESTER**  
**COUNTY OF CAMDEN, NEW JERSEY**  
**NOTICE TO BIDDERS**

**NOTICE** is hereby given that sealed proposals for: Mobile Communications Truck

**BID SPECIFICATION NUMBER:** PD 16-1

will be received no later than 10:00 AM prevailing time on February 10, 2016, at the Municipal Building, Chews-Clementon Road, Chews Landing, New Jersey

PROPOSALS must be addressed to the Township Council, PO Box 8, Blackwood, New Jersey, 08012 and will be opened and read publicly at the above time and date, and should be in a sealed envelope marked:

**DO NOT OPEN UNTIL: February 10, 2016 AT 10:00 AM.**

PROPOSAL forms, instructions to bidders, specifications and other bidding documents may be examined or obtained at the office of the Township Clerk, 1261 Chews Landing Road, Laurel Springs, New Jersey, during normal business hours.

The Township Council reserves the right to reject any or all proposals in whole or in part, and to waive such informalities as may be permitted by law.

BIDDERS are required to comply with the requirements of P.L. 1975, Chapter 127, and P.L. 1977, Chapter 33.

Information on Affirmative Action Program requirements is available at the office of the Township Clerk, Municipal Complex, Chews-Clementon Road, Laurel Springs, New Jersey.

Rosemary DiJosie  
Township Clerk

BID PROPOSAL FORM

\_\_\_\_\_  
(Contract Title and Bid Number, if applicable)

\_\_\_\_\_  
(Description of goods/services being bid)

The undersigned proposes to furnish and deliver the above goods/services pursuant to the bid specification and made part hereof:

\_\_\_\_\_  
Amount in words

\$

\_\_\_\_\_  
Amount in numbers

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Federal I.D. # or Social Security #

\_\_\_\_\_  
Address

\_\_\_\_\_  
Signature of Authorized Agent

\_\_\_\_\_  
Name Type or Print

\_\_\_\_\_  
Title

\_\_\_\_\_  
Telephone Number

\_\_\_\_\_  
Date



PROPOSAL FORM/SIGNATURE PAGES

To:

Township Council

Date: \_\_\_\_\_

Gloucester Township  
1261 Chews Landing Road  
Laurel Springs, NJ 08021

Council:

This proposal is submitted in accordance with your advertisement inviting proposals to be received for the project identified as: **Mobile Communications Truck**

Having carefully examined the "Advertisement for Bids:, Bidding Instruction", General Clauses", "Plans", etc. hereinafter, bulletins applying thereto, and being familiar with the various conditions affecting the work, the undersigned hereby agrees to furnish all materials, perform all labor, and all else necessary to complete the work in strict accordance with the specifications for prices as follows:

In case this proposal is accepted, the undersigned is hereby bound to enter into contract within ten(10) days after receipt of notice of acceptance for above mentioned work, in accordance with such specifications.

Subscribed and Sworn

before me this \_\_\_\_ day

\_\_\_\_\_  
(Type or Print Name)

of \_\_\_\_\_, 2 \_\_\_\_\_

Notary public of \_\_\_\_\_

\_\_\_\_\_  
Signature

My commission expires \_\_\_\_\_

(Seal)

## INSTRUCTIONS TO BIDDERS

### NO DEPOSIT OR FEE IS REQUIRED FOR SPECIFICATIONS

#### QUALIFICATIONS OF BIDDERS

All bidders must be prepared to present suitable evidence of their financial standing and to furnish a list of similar work recently completed.

No verbal instructions or information to bidders will be binding. The specifications will be considered as clear and complete unless written attention is called to any discrepancies or incompleteness before the opening of bids. Should any written inquiries be received by the Business Administrator, these inquiries will be answered in the form of bulletins and issued to all bidders. These bulletins shall be considered a part of these specifications.

Bids will be considered as conclusive evidence of complete examination of specifications and samples. It is understood that parties making bids accept all the terms and conditions expressed and contained in the specifications attached to the proposal submitted.

A proposal Form/Signature Page is provided in these specifications. This form must be used in submitting a proposal and all pages of the form must be completely filled out and signed by the bidder.

#### PRESENTATION OF BIDS

Each bid must be enclosed in a sealed envelope and clearly marked on the outside: "BID PROPOSAL\_\_\_\_2015 PD #3\_\_\_\_"(see advertisement, page 1), and delivered to the Office of the Township Clerk, 1261 Chews Landing Rd., Laurel Springs, New Jersey 08021.

#### WITHDRAWALS

No proposal may be withdrawn later than 4:30 p.m. prevailing time on the day of the opening of the bids. No modifications or explanations of any bid will be allowed after the same is sealed and delivered to the Township Clerk. The proposals will be opened and read publicly by the Township Council.

The Township Council reserves the right to reject any or all bids or parts thereof as deemed to be in the best interest of the Township and to waive any immaterial informalities as may be permitted by law.

## FORM OF CONTRACT

The successful bidder will be required to execute a written contract with the Township Council within ten(10) days after notice of the acceptance of their proposal.

## SURETY BOND

The successful bidder will be required to furnish a surety bond in the amount of one hundred percent (100%) of the contract price, the condition of which shall be in the full and complete execution and performance of each and all of the terms contained in the contract, proposal, specifications and instructions to bidders. The bond shall meet all requirements of the Township Council.

NOTE: Surety bond is automatically required when the contract price exceeds nine hundred ninety nine dollars and ninety nine cents, (\$999.99); when the contract price is under \$999.99, surety bond may be required by the Township Council if they deem it necessary and in the best interest of the Township.

Entire cost of bond(s) shall be paid for by the individuals, firms, or corporations with whom the contract(s) are entered into for the execution of any other purchases, or the furnishing or hiring of any materials or supplies.

## CONSENT OF SURETY

A performance bond will be required from the successful contractor on this project, and consequent, all bidders shall, with their bid, a certificate in substantially the following form:

TO: \_\_\_\_\_  
(Owner)

RE: \_\_\_\_\_  
(Contractor)

\_\_\_\_\_  
(Project Description)

This is to certify that the

\_\_\_\_\_  
(Surety Company)

will provide to \_\_\_\_\_ a performance bond  
(Owner)

in the full amount of awarded contract in the event that said contractor is awarded a contract for the above project.

\_\_\_\_\_  
(CONTRACTOR)

\_\_\_\_\_  
(Authorized Agent of Surety Company)

Date: \_\_\_\_\_

**CERTIFICATE OF SURETY MUST BE SIGNED BY AN AUTHORIZED AGENT  
OR REPRESENTATIVE OF A SURETY COMPANY AND NOT BY THE  
INDIVIDUAL OR COMPANY REPRESENTATIVE SUBMITTING THE BID.**

**Specifications for purchase of a Mobile Communications Truck for the  
Gloucester Township Police Department.**

QTY	<u>BID OVERVIEW</u>
	<p>The following specifications outline the minimum requirements for a custom manufactured Mobile Command and Communications Center to be utilized by The Gloucester Township Police Department. The vehicle will be utilized in the most critically sensitive operations and must be designed and constructed for its intended use and be of heavy-duty construction for a life expectancy to exceed 30 years. While all efforts have been made to fully detail the construction materials, methods and equipment required to accomplish this task, 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. Any item necessary for the normal and intended use of the vehicle will be supplied by the Vendor even if it is not fully detailed by the specifications.</p>
	<p>Due to the complexity of the conversion, life expectancy, and the sensitive electronics equipment the vehicle will carry, prospective vendors must provide detailed specifications. A general statement or letter stating that the vendor meets all specifications will not be acceptable. Additionally, photocopies of this specification will not be an accepted response. Your proposed detailed specification shall be in the same order as the below bid specifications for ease of review. Failure to meet this requirement will result in disqualification.</p> <p>Vendors are required to include a minimum of twelve (12) references of Mobile Command and Communications Centers of similar design delivered in the last 12 months. Twelve (12) references shall be included of Mobile Command and Communications Centers that have been in service for a minimum of ten years. (include Department name, contact name and telephone number). Failure to meet this requirement will result in disqualification.</p>
	<p>Brand names are used to establish minimum standards. If an alternate brand or model is bid, equivalency must be demonstrated. All exceptions are to be listed on a separate sheet of paper with reasons for exceptions. If item is to be purchased rather than made by bidder, appropriate literature demonstrating equivalency must be provided. Failure to demonstrate equivalency will be cause for rejection. Vendor may be requested to demonstrate the merits of the items by means agreed to user.</p>

	<p>No drawings are provided with this request for bid. It is up to the individual vendor to supply their own design for submission. The interior layout shall include two front work stations. A large private conference area to seat a minimum of fourteen people. Storage closets and cabinets, two center work stations, electronics rack, communications closet with printer on slide-out tray, area to charge hand held radios. There shall be an additional conference room that holds a minimal of six people. It is understood that each manufacturer has certain features they incorporate into the design of their vehicles. It is in the best interest of Gloucester Township to evaluate each vendor's configuration concepts based on the description above and the information included throughout the specifications. The final interior item placement in the design of all areas (interior and exterior) shall be agreed upon during the pre-construction meeting and shall not change the bid price.</p>
	<p>In order to fairly evaluate each vendor's technical ability and design capability, blueprints are to be provided with your bid response. The 2D blueprints are to be scaled for "D" size paper, 24" x 36" in size, all views must be on 1/2" = 12" scale.</p> <p>The blueprints are to be provided as follows:</p> <ul style="list-style-type: none"> <li>• Interior floor plan (overhead)</li> <li>• Right hand section view interior</li> <li>• Left hand section view interior</li> <li>• Appropriate section views interior</li> <li>• Driver and passenger view exterior showing vehicle overall height</li> <li>• Front and rear view exterior</li> <li>• Roof view exterior</li> </ul> <p>3D renderings showing all areas of proposed interior design shall be included with bid response.</p>
	<p><b>PHOTOS, LITERATURE</b></p> <p>Descriptive literature and photos of similar designed vehicles must be provided with bid response to show that supplier has built vehicles of this size and complexity.</p>
	<p><b>ENGINEERING DOCUMENTS:</b></p> <ul style="list-style-type: none"> <li>• As built weight calculations to be supplied with bid showing proposed vehicle, front axle, rear axle, and total weight.</li> <li>• Electrical load calculations showing power draw for all installed 120/240VAC and 12VDC systems to be supplied with bid.</li> <li>• HVAC calculation showing proper heating and cooling based on occupants, equipment, square footage, vehicle construction, windows, doors to be supplied with bid.</li> </ul>

	<p>Prospective bidders for this project are required to be ISO 9001:2008 certified, the ISO 9001:2008 standard, which is recognized around the world, is extremely comprehensive. This reassures Gloucester Township that the supplier maintains consistency in all phases of their operations.</p> <p>The International Organization for Standardization was established in 1947 and is an association of 170 members, with each representing their own country. ISO employs a system of technical committees, sub-committees and working groups to develop international standards. Its ISO 9001 standard is a quality assurance model made up of 20 sets of quality system requirements. This business management system allows the manufacture to monitor processes to ensure they are effective; keep adequate records; check output for defects, with appropriate and corrective action where necessary; regularly review individual processes and the quality system itself for effectiveness; and facilitate continual improvement. Gloucester Township feels this system also insures that the supplier can assist with technical support and technology upgrades for the life of the vehicle.</p>
	<u>CHASSIS:</u>
1	<p>Brand new current model Freightliner MT-55 forward control chassis.  26,000-lb GVWR Air Ride Suspension Hydraulic Brakes  Cummins ISB 6.7 300HP Engine - Allison 2200 EVS Transmission</p>
	<ul style="list-style-type: none"> <li>• Allison 2200 EVS automatic transmission with park pawl with PTO provision</li> <li>• Water to oil transmission cooler</li> <li>• 10,000# single front axle</li> <li>• Front oil seals</li> <li>• Synthetic 75w-90 front axle lube</li> <li>• TRW TAS-65 power steering</li> <li>• 10,000# taperleaf front suspension</li> <li>• Front shock absorbers</li> <li>• Front stabilizer bar</li> </ul>
	<ul style="list-style-type: none"> <li>• 17,500# Single rear axle</li> <li>• 5.13 rear axle ratio</li> <li>• Synthetic 75w-90w axles lube</li> <li>• Rear oil seals</li> <li>• Airliner 18,000# rear suspension</li> <li>• Manual dump valve for air suspension with indicator light, without gauge</li> <li>• Dual instant response rear suspension leveling valves</li> <li>• Rear sway bar</li> <li>• Rear shock absorbers</li> <li>• Bosch hydraulic brake package</li> </ul>



	<ul style="list-style-type: none"> <li>• Wabco hydraulic 4S/4M without traction control</li> </ul>
	<ul style="list-style-type: none"> <li>• 60 gal / 227 liter rectangular steel fuel tank - between rails</li> <li>• Length of auxiliary pickup tubes (generators, furnaces etc.) shall prevent these devices from using more than 75% of vehicle's fuel tank capacity.</li> <li>• Michelin XZE 255/70R22.5 16ply front radial tires</li> <li>• Michelin XDE M/S 255/70R22.5 16ply rear radial tires</li> <li>• 22.5x8.25 10-hub pilot aluminum front wheels</li> <li>• 22.5x8.25 alum outside; Accuride 10-hub pilot inside rear wheels</li> <li>• Polished front wheels (outside only) with 'half moon' bright wheel covers</li> <li>• Polished rear wheels (outside of outer wheels only), with bright wheel covers</li> <li>• Hood mounted chromed plastic grille</li> <li>• Dual electric horns</li> </ul>
	<ul style="list-style-type: none"> <li>• Sanden compact air conditioner compressor</li> <li>• Auto self-reset circuit breakers and fuses</li> <li>• TRW tilt/3.00" telescopic steering column with foot actuated pedal</li> <li>• Driver message center w/LCD display, 24 warning lamps, data linked, AMI</li> <li>• Electronic mph speedometer with secondary kph scale, without odometer</li> <li>• Electric engine coolant temp gauge w/warning lamp and alarm</li> <li>• Digital voltage display integral with driver display</li> <li>• Automatic transmission oil temp gauge w/warning lamp</li> <li>• Engine hour meter, integral to message center LCD</li> <li>• Intake mounted air restriction indicator with graduations</li> <li>• 97 db backup alarm</li> <li>• Cruise control switches</li> <li>• Programmable RPM ctrl w/low voltage auto high idle &amp; RPM ctrl switches</li> <li>• Wagner 7212 turn signal flasher</li> </ul>
	<ul style="list-style-type: none"> <li>• Three (3)-year/50,000 mile Freightliner MT-55 chassis warranty.</li> <li>• Two (2)-year/unlimited miles Cummins engine warranty.</li> <li>• Five (5)-year/unlimited miles Allison EVS transmission warranty.</li> </ul>
1	Block heater operated through Vehicle Automation System touch screen and be powered by shorepower or generator.
1	DOT triangle reflector kit with three (3) triangles



1	Horizontal exhaust on streetside.
	<u>BODY:</u>
1	<ul style="list-style-type: none"> <li>• Body work space area shall be 83" high x 93" wide x 30' long all aluminum step van body. Include interior and exterior photos of raw body with bid.</li> </ul>
	<ul style="list-style-type: none"> <li>• Driver sedan door with slider window, door skin shall be chemically bonded to door frame structure. Door shall have continuous stainless steel piano hinge and two (2) nylon straps.</li> <li>• Passenger sedan door with slider window, door skin shall be chemically bonded to door frame structure. Door shall have continuous stainless steel piano hinge and two (2) nylon straps.</li> <li>• Sedan doors shall have a 0.125" aluminum tread plate step well for 18" skirt depth.</li> <li>• Sedan doors shall have black non-skid tape on all door entry sills.</li> <li>• Sedan doors shall have polished aluminum Tri-mark flush mounted locking hardware with self-aligning rotary latch and matching key locks. Outside door handles not to exceed 50" from ground.</li> </ul>
	<ul style="list-style-type: none"> <li>• Aluminum one piece extruded 6005-T5 alloy 3" x 3" wall beams on 24" centers, 0.125 wall thickness. Studs feature machined wire pass-throughs, and raised adhesive control features on base.</li> <li>• Beams shall be chemically bonded to sidewalls eliminating the need for rivets. Buck-rivets will be used to fasten the top and bottom rub rail. Use of two-sided tape is not acceptable.</li> <li>• 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.</li> <li>• 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.</li> </ul>
	<ul style="list-style-type: none"> <li>• NFPA 1901 embossed 0.125" aluminum tread plate roof attached to 3" x 3" extruded aluminum roof beams on 16" centers. Bows shall be 2" skip welded every 12". Tread plate seams to be continuous welded. Perimeter of roof shall be chemically sealed.</li> <li>• Lift-up molded fiberglass hood with non-corrosive grill insert. Hood shall have integrated headlamps and turn signal indicators and dual assist gas charged lift shocks. The use of mechanical assist springs is not acceptable.</li> <li>• 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.</li> </ul>

	<ul style="list-style-type: none"> <li>• Bright polished front bumper.</li> </ul>
	<ul style="list-style-type: none"> <li>• Tinted safety plate glass windshield chemically bonded to body with driver and passenger sun visors.</li> <li>• Full width 12" deep heavy-duty one piece aluminum rear bumper with center step, painted to match the body.</li> <li>• Integral cab air conditioning and heating system with dash controls.</li> <li>• Velvac heated remote control rear view mirrors with dash controls. Upper mirror has 62-sq.in. of flat surface and lower mirror has 30-sq.in. of convex surface. Mirror has a fold-away arm.</li> <li>• Driver seat shall be a Seats Inc. Magnum 200 mechanical suspension seat on fixed pedestal. Seat shall be covered in black cloth and have arm rests, lumbar support, tilt back and 3-point seat belt.</li> <li>• Passenger seat shall be a Seats Inc. Magnum 200 mechanical suspension seat on fixed pedestal. Seat shall be covered in black cloth and have arm rests, lumbar support, tilt back and 3-point seat belt.</li> <li>• Intermittent windshield wiper/washer with single heavy-duty windshield wiper motor.</li> </ul>
	<ul style="list-style-type: none"> <li>• Rear frame-mounted tow eyes extending past body.</li> <li>• Aluminum engine box cover with acoustical and thermal insulation. Black molded ABS composite engine box over-lay.</li> <li>• Acoustical and thermal insulation with heat shield on exterior fire-wall.</li> <li>• Full length skirting. Skirt shall extend 18" down from the bottom of floor extrusions.</li> <li>• Dash shall be vacuum formed ABS composite with integrated control pod located left of dash.</li> <li>• All clearance and side marker lights to be LED.</li> <li>• Standard structural warranty of 5 years or 50,000 miles and standard component warranty of 12 months or 12,000 miles.</li> <li>• 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.</li> </ul>

1	32" wide x 82" high 0.125" aluminum sedan door with 21.5" wide x 25.5" high fixed window and mini-blind. Door shall have continuous stainless steel piano hinge, two (2) nylon door straps, aluminum drip rail. Note: Suicide swing (left hinge)
3	Heavy-duty fluted aluminum grab handle with rubber inserts and chrome plated stanchions installed at each exterior entry door location.
1	Heavy-duty fluted aluminum grab handle with rubber inserts and chrome plated stanchions installed inside entry door.
3	Automatic LED courtesy lights at all entry doors.
1	Courtesy light defeat feature on front touch screen and main screen in body entry area.
1	24" Single C manually operated exterior entrance step.
1	Maxxima LED Round combination stop/tail, turn and reverse lights.
	Entire underside of the apparatus shall be undercoated. Includes chassis, floor extrusions, step wells and aluminum compartments.
	Rear rubber mud flaps with anti-sail brackets.
	<u>SLIDE-OUT:</u>
2	Flat floor slide-out room extension 101" fabricated with a structurally rigid welded aluminum tube design with a fully bonded aluminum shell. During deployment an electronic control system automatically expands the room extension and lowers the floor to flush position. Include photos of slide-out tubs with bid. Features: <ul style="list-style-type: none"> <li>• Electric over hydraulic control system programmed to lower the slide out to floor height after full extension of 26".</li> <li>• Awning that automatically extends and retracts over the top of the room to protect from weather and debris.</li> <li>• Full perimeter double rubber bulb seal with an additional seal in the fully extended and fully retracted positions.</li> <li>• No track or hardware shall be attached to the ceiling of the body.</li> <li>• All cables and wiring shall be enclosed in the track which has a powder coated aluminum cover.</li> </ul>
	<u>PAINT:</u>
	Body paint color shall be White.

	<p><u>INDEPENDENCE ONYX INTERIOR:</u></p> <ul style="list-style-type: none"> <li>• Wall Covering: #66 Silver Smooth FRP</li> <li>• Ceiling Fabric: A97 Silver Haze</li> <li>• Floor Covering: #150 Onyx PVC Flooring</li> <li>• Office Chairs: Black</li> <li>• Vinyl Coverings: #ATM-1804 Atmosphere Iron with #PFN-1904 Perfection Iron</li> <li>• Cabinets: #EBT-2-2002 Black Powder Coated Aluminum</li> <li>• Counters and Tables: #4760-60 Mystique Night Laminate</li> </ul>
	<u>DRIVER/PASSENGER CAB AREA:</u>
	<ul style="list-style-type: none"> <li>• Cover cab doors with custom powder coated panels.</li> <li>• Heavy-duty rubber grab handle on each door.</li> <li>• Custom made panels above driver and passenger doors.</li> <li>• Vehicle height sign on dash.</li> <li>• Insulated black rubber mat in driver and passenger toe plate area. Insulate walls in toe plate area and install carpeted panels.</li> <li>• 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</li> <li>• Payload sticker in cab area with vehicle axle load ratings and available axle payload as built.</li> </ul>
1	Work area on passenger side in front cab area shall be covered in laminate.
1	Overhead console with lockable storage doors shall be installed above driver and passenger area. The entire console shall be constructed of 3/4" plywood. The face shall be finished with black laminate and the bottom shall be covered with padded vinyl.
1	Red LED/Clear incandescent dome light with 3-position switch, red/off/white mounted under center of console.
1	Pioneer DEH-P4800MP (or current model) MOSFET 50-watt x 4, CD/MP3/WMA/WAV Receiver with 3-band parametric EQ, and one (1) pair of Pioneer TS-A6971R (or current model) 6" x 9" three-way speakers mounted in cab.
1	Zone Defense color back up camera system with 7" LCD monitor with day/night camera.
	<u>WALLS, CEILING AND FLOOR:</u>
	Insulate walls with a minimum 3" of fiberglass insulation. Cover interior body side posts with 1/2" plywood sub wall,
	Cover sub wall with smooth finish <i>Kemlite</i> 0.075" fiberglass reinforced plastic (FRP) lining. Wall covering shall be a continuous piece front to back, no

	seams acceptable.
	Insulate ceiling with a minimum of 3" of fiberglass insulation. Cover interior roof beams with three (3) piece modular panel ceiling. Panels to be made with 1/2" structural plywood, Exposure 1-APA, 5 ply, face veneer plugged and sanded. Meets California Air Resources Board (CARB) phase 2 requirements. Modular ceiling panels to be covered with Silver Haze fabric. Center section from front of truck to rear of truck shall be layed over the side panels and be removable for future upgrades. Include photos with bid.
	5/8" exterior grade tongue & groove plywood with a water proof moisture barrier underlayment for floor.
	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.
	2-1/2" vinyl cove molding where walls meet floor.
2	30" pocket door covered with silver smooth FRP and cap all sides with anodized extruded aluminum. All screws shall be stainless steel. Pocket door shall be installed on heavy-duty aluminum tracks with two (2) four-wheel roller trucks. Pocket door shall have recessed handles and a key lock.
	All bulkheads and cab divider shall be covered with Kemlite 0.075" silver smooth FRP. Cap all sides with anodized extruded aluminum. All screws shall be stainless steel.
1	Cover load space door with black powder coated aluminum panel, install 10" high 0.100" bright aluminum tread plate kick plate at bottom of door and heavy-duty rubber grab handle.
1	Curb side mounted 36" wide x 24" high flush mount deep-tint horizontal sliding egress window with mini-blind.
	Window features: <ul style="list-style-type: none"> <li>• Black baked aluminum frame construction</li> <li>• Unique Flush Mount frame offers automotive style frameless appearance</li> <li>• Hidden water drainage system</li> <li>• Windows have 2.5" radius comers (3.25" on Egress models)</li> <li>• Glass is tempered with 31% light transmission</li> <li>• All glazing materials are DOT approved</li> <li>• 2-piece clamp ring installation allows for easy replacement in the event of breakage</li> </ul>
	<b>SEATING:</b>
8	Space Air Grid office chairs 5560 black (or current model) with armrests, five caster spider base, and adjustable height. Strap installed under counters to secure chair for travel.



	Fabricate and install fixed bench seating with removable cushions. Bench seat cushions shall be covered in heavy-duty vinyl.
	Fabricate and install flip-down bench seating on passenger side of truck. Bench seat cushions shall be covered in heavy-duty vinyl. Bottom seat cushion will be installed on Zico Quic-Seat® fold down spring loaded seat brackets and covered with heavy-duty vinyl.
	<u><b>BENCH SEAT REQUIREMENTS:</b></u> <ul style="list-style-type: none"> <li>• Foam for seat backs and bottoms shall be firm density</li> <li>• All bench seating material must meet Federal Motor Vehicle Safety Standards part 571.302 Flammability of Interior Materials.</li> <li>• Material corners shall be squared or angled to fit precise cut of foam.</li> <li>• Foam shall be bonded to plywood backer with industrial grade adhesive.</li> <li>• Double stapling of fabric/vinyl to backer with industrial grade upholstery staples.</li> </ul>
	<u><b>CABINETS:</b></u>
	<p>Custom fabricated aluminum cabinets. Cabinet specifications:</p> <ul style="list-style-type: none"> <li>• Base cabinets to be constructed of 0.080" powder coated aluminum with anodized aluminum frames.</li> <li>• Base cabinet doors shall be double shell, formed from a single sheet of 0.080" aluminum, with a 0.040" aluminum door back attached.</li> <li>• Overhead cabinets constructed of 0.064" powder coated aluminum with anodized aluminum frames.</li> <li>• Overhead cabinet doors are double shell, formed from a single sheet of 0.064" aluminum, with a 0.040" aluminum door back attached.</li> <li>• Overhead cabinet doors swing up on a full-length aluminum hinge.</li> <li>• Overhead cabinet to have one adjustable shelf per door (24" high and taller cabinets only) - locked in place to your selected height. Shelves are formed from a single sheet of 0.064" mill finish aluminum, with 1 1/8" hemmed edges.</li> </ul>
1	26" width Communications Closet with vented upper doors, solid lower doors and slide out printer tray in the middle.
	All countertops shall be covered in 0.040" Wilsonart laminate. All exposed edges shall be covered with heavy duty flexible PVC T-molding.
	Conference table covered in 0.040" Wilsonart laminate. All exposed edges shall be covered with heavy duty flexible PVC T-molding.
2	Powder coated aluminum conference table base with built-in receptacles and network jacks.
10	Custom fabricated anodized aluminum framed dry erase marker board with pin strips shall be installed to cover all open wall areas in conference room.

	Frames shall be hinged and held closed with tension clips.
6	Computer cable pass-thru grommets located in Conference table.
	All multi-plex modules shall be installed in a floor to ceiling laminated cabinet with two locking doors.
	<u>HVAC SYSTEM:</u>
1	Fan-tastic Vent model 4000 R (or current model) 3-speed reversible 12" power roof ventilator.
2	12,000-16,000 Btu/hr direct discharge, 12Vdc powered, diesel-fired furnace with individual thermostat control. Exhaust shall be routed to the street side.
3	<p>Ducted Coleman Polar Mach 8 series low profile air conditioner thermostat controlled through the Vehicle Automation System. Includes:</p> <ul style="list-style-type: none"> <li>• 9223-C876 13,500 nominal BTU air conditioner with condensate pump.</li> <li>• 8330C635 Chill Grille Assembly with 5,600 BTU heat strip</li> <li>• 22080079 High Capacity Air Duct manufactured from polystyrene foam laminated with 99% pure polished aluminum inside and out, internally mounted in ceiling</li> <li>• 22120010 Louvered Ceiling Vents, as required</li> </ul>
1	Broan model 174 wall mount 5,120 Btu/hr electric heaters. Each heater shall be zoned and temp set from any of the touch screens which shall read current room temp and set temp. Front room, rear room, and cab.
	<u>120/240VAC ELECTRICAL SYSTEM:</u>
1	<p>Wrico Platinum 25-kW 120/240Vac Low Boy liquid-cooled diesel generator installed in a custom fabricated compartment. Generator features:</p> <ul style="list-style-type: none"> <li>• Kubota T4i water cooled diesel engine</li> <li>• Radiator cooled, remote mounted for lower compartment height</li> <li>• 4 pole rotating field alternator with 300% short circuit capability</li> </ul>
	<p>Compartment shall be constructed to the following specifications:</p> <ul style="list-style-type: none"> <li>• 0.187" aluminum with all welded seams.</li> <li>• 2" deep 0.125" aluminum box pan doors and 0.125" aluminum frames.</li> <li>• Door frames riveted to the body and welded to the compartments.</li> <li>• Stainless steel door hinges attached with stainless steel machine screws.</li> <li>• Flush mounted door handles with slam latches.</li> <li>• 0.125" perforated aluminum panels on interior door surfaces.</li> <li>• Gas charged lift/support cylinders to hold doors open at 90° .</li> <li>• Industrial grade neoprene gasket door seals.</li> <li>• Sound barrier lining on interior compartment walls, ceiling and doors.</li> </ul> <p>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</p>

	sensitive adhesive with a 76# kraft paper liner.
1	<p>ACData AC2060 Whole House Surge Suppressors protection for entire AC power system.</p> <ul style="list-style-type: none"> <li>• UL US listed: UL1449 3rd Edition</li> <li>• NEMA 4 plastic enclosure: 5.14"(H) x 4.00"(W) x 2.45"(D)</li> <li>• LED Visual verification of status</li> </ul>
1	<p>A Vehicle Automation System controlled power and data electronics system incorporated into a common touch screen with the ability to distribute and control strategic on board systems. It also simultaneously allows distribution of the information to multiple onboard control/monitoring stations. This system is required 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.</p>



	<p><u>Vehicle Automation System features:</u></p> <ul style="list-style-type: none"> <li>• Two (2), 10" LCD touch screens with custom graphics for control and monitoring of separate control stations. Include photos with bid.</li> <li>• Touch pads with custom graphics for local control of HVAC and lighting in front conference room area, and rear workstation area.</li> <li>• AC power distribution control and monitoring for the generator with power management</li> <li>• DC power distribution control and monitoring with I/O channels and three battery banks</li> <li>• Manual or automatic generator control</li> <li>• HVAC temperature control in each section of the truck and on front and rear LCD touch screens</li> <li>• Lighting control Day/Night and reduced lighting mode in each section of truck.</li> </ul> <p>Note: Three (3) modes: #1 all white, #2 reduced white and #3 red</p> <ul style="list-style-type: none"> <li>• Automatic power transfer switches</li> <li>• Automated startup and shutdown procedures which allow all operators to get all systems operational in the same order everytime in less than 10 minutes</li> <li>• Seamless control of generators, lighting, awnings and additional devices</li> <li>• Mast control</li> <li>• Safety interlocks will not allow vehicle to start when exterior equipment is deployed up, out, or down</li> <li>• System shall identify wrong AC voltage plugged into vehicle and stop power from leaving system and reaching equipment</li> </ul> <p>Note: Include storage mode to maintain battery chargers, interior temperature and selected outlets to maintain radio charger/portable camera.</p>
	<ul style="list-style-type: none"> <li>• The system is completely upgradeable with power modules located throughout vehicle. Additional components may be added to system with a simple software modification</li> </ul> <p>System capability is not to be achieved with use of multiple monitoring systems designed for specific use i.e. water monitors, battery monitors etc.</p>
1	Kussmaul Auto Eject 20, 20A-120Vac shore power inlet with 25-ft. 20A-120Vac shore power cord. #091-20WP-120RD
1	Marinco 50A-125/250Vac waterproof shore power inlet, 50-ft. 50A-125/250Vac shore power cord and 6-ft. 50A-125/250Vac pigtail.
7	Specification grade 20A-125Vac duplex receptacle with USB inputs for charging. Receptacle is not dedicated to any installed equipment.

	<p>Locations:</p> <ul style="list-style-type: none"> <li>• One (1) in Cab Area</li> <li>• One (1) each at Work Stations 1-2</li> <li>• Two (2) in Conference table leg</li> </ul>
3	Specification grade 20A-125Vac duplex receptacle. Receptacle is not dedicated to any installed equipment.
	<p>Locations:</p> <ul style="list-style-type: none"> <li>• One (1) printer location</li> <li>• One (1) each at Work Stations 1-2 [below counter]</li> </ul>
3	Specification grade 20A-125Vac exterior GFCI duplex receptacle with weatherproof PVC cover. GFCI receptacles will be wired in pairs to 20A circuit breakers located in the 120Vac electrical load distribution center.
1	Specification grade 20A-125Vac exterior GFCI duplex receptacle <u>located in exterior compartment</u> . GFCI receptacles will be wired in pairs to 20A circuit breakers located in the 120Vac electrical load distribution center.
	<p><u>120/240VAC WIRING REQUIREMENTS:</u></p> <ul style="list-style-type: none"> <li>• All 120/240Vac main wiring shall be stranded THHN wire and run in non-metallic Carlon Carflex liquid tight conduit.</li> <li>• All electrical circuits and appliances shall conform to applicable national electrical codes.</li> </ul>
	<u>12VDC ELECTRICAL SYSTEM:</u>
	<ul style="list-style-type: none"> <li>• Four (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.</li> </ul>
	<ul style="list-style-type: none"> <li>• Two (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).</li> </ul> <p>Converter/charger features:</p> <ul style="list-style-type: none"> <li>• Charges three banks of batteries at the same time.</li> <li>• UL listed for safety.</li> <li>• Manual reset circuit breaker.</li> <li>• Reverse battery protection.</li> <li>• Electronic current limiting.</li> <li>• High voltage protection.</li> <li>• All DC electrical and metering switched and monitored through the Vehicle Automation System.</li> </ul>
18	Ceiling lights shall be, Orion 6" LED, neutral white with polished bezel.

8	Light, Orion 6" LED, neutral white / red with polished bezel.
7	Whelen 600 Series 12 diode Opti-Scenelight 6SC0ENZR surface mounted.
	Locations: <ul style="list-style-type: none"> <li>• Three (3) curbside upper</li> <li>• Three (3) streetside upper</li> <li>• One (1) rear upper</li> </ul>
7	Low profile LED lower perimeter light with stainless steel bracket installed under body
	Locations: <ul style="list-style-type: none"> <li>• Three (3) curbside upper</li> <li>• Three (3) streetside upper</li> <li>• One (1) rear upper</li> </ul>
6	15A-12Vdc power outlets at each work station and in conference table base.
	Locations: <ul style="list-style-type: none"> <li>• One (1) at each WS #1-#2</li> <li>• Two (2) in front room Conference table base.</li> <li>• One (1) in rear room Conference table above counter.</li> <li>• One (1) in Exterior TV Compartment</li> </ul>
1	Whelen 295HFSA5 siren with 9 low current lighting control switches. Slide Bar Positions Control: 1. Rear Upper 2. Rear (Upper and Lower), All Upper, "Light bar" 3. All
1	Whelen SA315P (or current model) high performance speaker, with bracket.
	<u>12VDC EMERGENCY LIGHTING:</u>
4	Whelen ION Surface Mount Series Super LED split Red/Blue with black housing. Locate: Grill
12	Whelen 900 series Super-LED light head with 1/2 red, 1/2 blue, over/under with clear outer lens, model 90RB5FCR (or current model). Includes chrome flange 90FLANGC (or current model).
	Locations: <ul style="list-style-type: none"> <li>• Three (3) street side high</li> <li>• Three (3) curb side high</li> <li>• Two (2) rear high towards corner</li> <li>• Four (4) front high toward corners</li> </ul>
1	Custom fabricated bracket to mount Whelen 900 series lights above windshield, painted to match body.

	<p><u>12VDC WIRING REQUIREMENTS:</u></p> <ul style="list-style-type: none"> <li>• 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.</li> <li>• All added electrical 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 wiring (plug type fuses are unacceptable).</li> <li>• Circuit breaker functions shall be identified by engraved or printed labels.</li> </ul>
	<ul style="list-style-type: none"> <li>• All added wiring for load runs shall be AWG 8, 10, 12, 14 and 18 and must conform to MIL-W-16878F.</li> <li>• 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.</li> <li>• All wiring shall be numbered or lettered on 6" centers minimum.</li> <li>• Wiring shall be protected from chafing and abrasion with convoluted polyethylene tubing (wire loom) as required.</li> <li>• Where wire passes through sheet metal, bulkheads and structural supports, plastic grommets shall be used to protect both wiring and wire looms.</li> <li>• All wire bundles shall be tied with trimmed nylon ties.</li> </ul>
	<ul style="list-style-type: none"> <li>• Extreme care shall be exercised to provide for easy serviceability of the system in future years.</li> <li>• 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.</li> <li>• A high-current 12Vdc system wiring schematic shall be provided.</li> <li>• These are the minimum acceptable 12Vdc wiring requirements.</li> </ul>
	<u>AUDIO/VIDEO:</u>
2	<p>Samsung - 40" LED - 1080p - Smart - HDTV - UN40H5203AFXZA (or current model) Black, with wall mount bracket. Product features:</p> <ul style="list-style-type: none"> <li>• Resolution 1080p</li> <li>• Smart TV</li> <li>• Built-in Wi-Fi</li> <li>• (2) HDMI, (1) USB</li> <li>• (2) speakers</li> <li>• Built in tuner</li> <li>• Dimensions: 36.5"(W) x 21.75"(H) x 3.75"(D) Weight 24lbs</li> </ul>

	Location: Front wall of front conference room
3	<p>Samsung - 32" LED - 1080p - Smart -HDTV - UN32H5203AFXZA (or current model) Black, with wall mount bracket. Product features:</p> <ul style="list-style-type: none"> <li>• Resolution 1080p</li> <li>• Smart TV</li> <li>• Built-in Wi-Fi</li> <li>• (2) HDMI, (1) USB</li> <li>• (2) speakers</li> <li>• Built in tuner</li> <li>• Dimensions: 29.13"(W) x 17.5"(H) x 3.75"(D) Weight 14.3lbs</li> </ul> <p>Location: Streetside of front conference room.</p>
2	<p>Samsung - 32" LED - 1080p - Smart -HDTV - UN32H5203AFXZA (or current model) Black, with wall mount bracket. Product features:</p> <ul style="list-style-type: none"> <li>• Resolution 1080p</li> <li>• Smart TV</li> <li>• Built-in Wi-Fi</li> <li>• (2) HDMI, (1) USB</li> <li>• (2) speakers</li> <li>• Built in tuner</li> <li>• Dimensions: 29.13"(W) x 17.5"(H) x 3.75"(D) Weight 14.3lbs</li> </ul> <p>Location: Rear wall of rear conference room.</p>
2	<p>Samsung 22" LED-backlit LED TV Black HG22NA470BF (or current model)</p> <p>Product features:</p> <ul style="list-style-type: none"> <li>• 21.5" Widescreen LED-backlit LCD TV</li> <li>• Built-in digital TV tuner</li> <li>• HDMI digital connection</li> <li>• PC VGA connection</li> <li>• Display Resolution 1080p</li> <li>• Dimensions: 20.6"(W) x 12.7"(H) x 1.2"(D) 7.9 lbs.</li> </ul> <p>Location: Workstation #1</p>

2	<p><i>Samsung 22" LED-backlit LED TV Black HG22NA470BF (or current model)</i></p> <p>Product features:</p> <ul style="list-style-type: none"> <li>• 21.5" Widescreen LED-backlit LCD TV</li> <li>• Built-in digital TV tuner</li> <li>• HDMI digital connection</li> <li>• PC VGA connection</li> <li>• Display Resolution 1080p</li> <li>• Dimensions: 20.6"(W) x 12.7"(H) x 1.2"(D) 7.9 lbs.</li> </ul> <p>Location: Workstation #2</p>
4	Vesa-standard 75 mm TV wall mount with quick-release for each TV.
1	Sony DVD Player Model:DVPSR210P (or current model)
1	<p>Honeywell Performance Series HRGX81 1TB 8-Channel DVR (or current model)</p> <ul style="list-style-type: none"> <li>• 1TB DVR with 960H Real-Time Recording</li> <li>• H.264 Video Compression</li> <li>• Dual Streaming Supported</li> <li>• Manual/Continuous/Event Recording</li> <li>• HDMI/VGA/BNC Video Outputs</li> <li>• Expandable Storage up to 2 SATA HDD</li> <li>• 4-Zone Privacy Masking</li> <li>• 4 Audio Inputs/1 Audio Output</li> <li>• 8 Alarm Inputs/4 Alarm Relay Outputs</li> <li>• PTZ Cameras and Controls Supported</li> </ul>
1	Middle Atlantic rack mount kits (custom fitted for, Blu-ray players, DVD players and DSS receivers).
1	<p>Exterior audio/video input (RCA audio jack, BNC video jack).</p> <p>Note: For customer supplied portable camera.</p>
1	<p>Audio/video splitter. Exterior A/V input split between to DVR and Modulated Video System. Note: For customer's portable camera.</p>
1	<p>King Control, JACK® Digital HDTV Antenna with SureLock™ DTV Signal Meter.</p> <ul style="list-style-type: none"> <li>• Static roof mount</li> <li>• No Crank Handle</li> <li>• Full 360° Rotation</li> <li>• Built-in Amplifier</li> </ul>
	Modulated audio/video system to enable any audio/video source (i.e. camera, VCR, DVD player, DSS receiver) and up to four local off-air channels to be viewed on designated TV channels.
1	Drake EH244 Encoder Host (6 card chassis). Modulated Video Equipment.



1	Drake SDE24 Encoder (2 standard definition inputs) (regular channels) • One (1) DVD player • One (1) exterior a/v input for robot
1	HDE24 Encoder (1 High Definition Input) • One (1) HDMI input at front conference table Note: to modulate customer installed laptop
1	HDE24 Encoder (1 High Definition Input) • One (1) HDMI input at rear conference table Note: to modulate customer installed laptop
1	HDE24 Encoder (1 High Definition Input) • One (1) DVR
1	HDE24 Encoder (1 High Definition Input) • One (1) Mast Camera
2	BT HDE-CHV-QAM (1 High definition PC Input). Note: To integrate workstation computers into modulated video system. Locate: Workstation #1 and workstation #2
2	Axis P7701 decoder. Translates HD video through modulated system. Note: two (2) required for mast camera to DVR and Modulated Video system
2	HE Series 12 position Passive Combiners
	All RF cable for DSS antenna systems (when specified) shall be Belden #9116 series 6 broadband coaxial cable. All other video cabling shall be Belden #1505A RG-59/U precision video cable.
	<u>MAST AND MAST MOUNTED EQUIPMENT:</u>

1	<p>Tempest 2200 series CH.3718N (or current model) heavy-duty non-locking telescoping pneumatic mast.</p> <p>Mast features:</p> <ul style="list-style-type: none"> <li>• 265 lb. max top load capacity</li> <li>• 26' 5" extended height</li> <li>• 6' 1" nested height</li> </ul> <p>Includes:</p> <ul style="list-style-type: none"> <li>• KEY-WAY breakaway nylon key prevents tower rotation. Easily replaceable.</li> <li>• Air safety valve for over pressure release and condensation drainage.</li> <li>• Water drainage holes to avoid freezing at low temperatures.</li> <li>• Interlock to prevent vehicle from being driven with mast raised.</li> <li>• Tower does not require routine lubrication.</li> </ul>
1	Gast 3/4-hp compressor with remote mount 5 gallon air tank.
1	<p>Custom fabricated 0.125" aluminum antenna bracket mounted on mast and painted to match body. Include photos with bid.</p> <ul style="list-style-type: none"> <li>• Two (2) LMR240</li> <li>• One (1) Cat6 cable for 6044E Axis camera</li> <li>• One (1) Cat6 cable for spare</li> <li>• 40' of 1" Nycoil conduit and weather-tight fittings.</li> <li>• Antenna Base, Rain Cap Bright Chrome</li> </ul>
1	Custom fabricated 0.125" aluminum Nycoil cylinder painted to match body color.
1	Mast lookup light mounted on camera bracket.
1	Weatherproof mast up/down control switch on exterior of vehicle.
1	AXIS Q6044-E Camera system installed on mast. Outdoor-ready PTZ dome providing HDTV 720p, 30x optical zoom, and fast and precise pan/tilt performance for wide area coverage and great detail when zooming in.
	<u>RADIOS:</u>
	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 by a continuous-duty switch actuated by touch screen control panels.
5	<p>Prewire and make installation provisions for communications radio.</p> <p>Installation includes:</p> <ul style="list-style-type: none"> <li>• NMO-style base on the roof or antenna raceway, as applicable.</li> <li>• LMR195 antenna cable routed to radio transceiver location in Carlon Carflex</li> </ul>



	<p>ENT conduit.</p> <ul style="list-style-type: none"> <li>• 12Vdc power routed to radio transceiver location.</li> </ul> <p>Note: Customer radios are Motorola APX6500 &amp; 7500</p>
	<p>Location:</p> <ul style="list-style-type: none"> <li>• One (1) Cab area</li> <li>• Two (2) Workstation #1</li> <li>• Two (2) Workstation #2</li> </ul>
1	<p>Install customer supplied Communications-Applied Technology Incident Commanders' Radio Interface™ (ICRI) system.</p> <p>Note: Configuration, programming and training on ICRI system is not included.</p> <p>Note: Location to be determined at time of PCM.</p>
5	<p>Prewire and make installation provisions for communications radio connected to Radio Interface™ (ICRI) system. Installation includes:</p> <ul style="list-style-type: none"> <li>• NMO-style base on the roof or antenna raceway, as applicable.</li> <li>• LMR195 antenna cable routed to radio transceiver location in Carlon Carflex ENT conduit.</li> <li>• 12Vdc power routed to radio transceiver location.</li> </ul> <p>Note: Location to be determined at time of PCM.</p>
2	<p>Install hinged panels under countertops to conceal radio transceivers where applicable. Panels to match wall color material.</p> <p>Location: Workstations</p>
1	<p>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 and in the overhead console location.</p> <p>Includes:</p> <ul style="list-style-type: none"> <li>• 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.</li> <li>• 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.</li> <li>• <i>Carlon</i> Carflex ENT conduit routed from antenna raceway penetration location to radio transceiver locations.</li> </ul>
4	<p>Install customer supplied radio rack chargers and/or flashlight chargers and install of power requirement (110v or 12v).</p>
	<p><u>TELEPHONE SYSTEM:</u></p>
7	<p>Telephone extension jacks. RJ11</p>

	<p>Locations:</p> <ul style="list-style-type: none"> <li>• One (1) in Cab passenger Area</li> <li>• One (1) each at Work Stations 1-2</li> <li>• Two (2) at front room Conference Table</li> <li>• Two (2) at front room Conference Table</li> </ul>
1	Panasonic KX-TA824 Advanced Hybrid Analog Telephone (or current model) Electronic Modular Switching System. (3 CO X 8 EXT)
1	Panasonic KX-TA82483 (or current model) Expansion Card. (3 CO X 8 EXT)
7	Panasonic KX-T7730-B (or current model) black twelve-line speakerphone telephone with 16-digit alphanumeric LCD display.
2	Fixed wireless terminals with roof mounted Maxrad low profile antenna interfaced with PBX phone system. Note: Service Provider TBD at PCM
2	Manual switches to select wireless or landline (C.O.) service.
1	<p>Cast Products EB00013-1 (or current model) cast aluminum weatherproof box with key lock.</p> <p>Note: Inputs for six (6) outside landlines and connected to Panasonic KX-TA824 Advanced Hybrid phone system.</p>
1	Paint exterior input box door to match body.
1	Install an aluminum shroud with weatherproof pass-through open/close hatch on the landline input box and paint to match body.
	All telephone lines and cellular antenna cable shall be installed in Carlon Flex-Plus ENT conduit or raceway (as applicable).
	<u>COMPUTER NETWORK AND EQUIPMENT:</u>
10	RJ-45 CAT6 computer network jacks with CAT6 cable routed through Carlon Flex-Plus ENT conduit or raceway (as applicable). Locations to be determined during PCM.
	<p>Locations:</p> <ul style="list-style-type: none"> <li>• One (1) in Cab passenger Area</li> <li>• Two (2) each at Work Stations 1-2</li> <li>• Two (2) at front room Conference Table</li> <li>• Two (2) at front room Conference Table</li> <li>• One (1) at the printer</li> </ul>
1	Leviton 69270-U24 (or current model) 24-port Cat6 rack mount patch panel.
1	<p>Allied Telesyn AT-GS950/24-10 (or current model) 24-port 10/100/1000T Unmanaged Gigabit Switch.</p> <ul style="list-style-type: none"> <li>• Wire speed performance</li> <li>• Auto-negotiation Gigabit ports</li> <li>• Auto MDI/MDIX on TX ports</li> <li>• Transparent to VLAN packets</li> </ul>

	<ul style="list-style-type: none"> <li>• Full duplex flow control</li> </ul>
9	Certified 18" CAT6 patch cord.
1	Certified 36" CAT6 patch cord.
1	Cable Certification Report confirming that network wiring complies with CAT6 specifications.
1	Pre-wire and make installation provisions for customer supplied printer.
2	Install customer supplied computer equipment. Note: Desktops at workstation #1 and workstation #2
1	CradlePoint ARC MBR1400 Series with Integrated 3G/4G (AT&T) wireless cellular modem #MBR1400LE-VZ (or current model). Provides wired Ethernet and 3G/4G wireless WAN connectivity. Note: Customer shall provide Sim card
1	Install antennas required for CradlePoint. Installation includes: <ul style="list-style-type: none"> <li>• Antennas</li> <li>• NMO-style bases in the antenna raceway.</li> <li>• LMR195 antenna cables routed to radio transceiver location in Carlon Carflex ENT conduit.</li> </ul>
1	Linksys WAP610N Wireless-N Access Point with Dual-Band.
	<u>MISCELLANEOUS ELECTRONICS:</u>
1	Cast Products EB00013-1 (or current model) cast aluminum weatherproof box with key lock. Note: Provide pass through capability from outside into rear workstation area.
1	Install an aluminum shroud with weatherproof pass-through open/close hatch box and paint to match body.
1	Middle Atlantic MRK-4026 (or current model) forty-space 19" wide x 26.5" depth (24" useable depth) open framed electronics equipment racks with caster base. Rack can easily slide out from its fixed position with quick release fasteners to allow side access to rack equipment. Install as many racks as required to house all electronics and ensure proper airflow to keep equipment from overheating. Note: Install aluminum floor under rack, for ease of pulling rack out.
1	Middle Atlantic MW-4FT top fan panel, with two (2) 50 cfm ventilation fans, QFAN.
1	Middle Atlantic LVFD-40 perforated front door with thumb lock.

2	Middle Atlantic PD-815SC-NS (or current model) 15 amp power strip with eight (8) outlets. Includes PB-XS (or current model) rack mounting bracket.
	<u>EXTERIOR STORAGE COMPARTMENTS:</u>
1	Single door underbody storage compartment with interior dimensions of 12" high x 60" wide x 25" deep constructed from 0.125" aluminum with all welded seams and flip down door. Note: Aluminum divider installed to separate slide out pump from available storage.
1	Single door underbody storage compartment with interior dimensions of 15" high x 48" wide x 25" deep constructed from 0.125" aluminum with all welded seams and flip down door. Note: To store customers portable camera pelican case 13"H x 32"W x 21"D Note: Locate one (1) 110v duplex outlet for charging.
	Compartments will be constructed to the following specifications: <ul style="list-style-type: none"> <li>• Sweep out type bottoms with 1/2" drain holes.</li> <li>• 2" box pan doors and door frames fabricated from 0.125" aluminum.</li> <li>• Door frames shall be riveted to the body and welded to the compartments.</li> <li>• Compartments shall have a LED light that illuminates when the door is opened.</li> <li>• Dri-Dek mat on compartment bottom.</li> </ul> Compartments doors will be constructed to the following specifications: <ul style="list-style-type: none"> <li>• Stainless steel hinges attached with stainless machine screws.</li> <li>• Slam latches and flush mounted handles.</li> <li>• 0.100" bright polished aluminum diamond plate on interior surfaces fastened with stainless hardware.</li> <li>• All doors shall be sealed with industrial grade neoprene gasket.</li> </ul>
	<u>AWNING:</u>
1	<i>Dometic Weather Pro</i> Awning 15' Cadet Grey acrylic (other colors available on request) electric awning with the following features: <ul style="list-style-type: none"> <li>• Solid-state sensor automatically closes awning after detecting sustained winds</li> <li>• Exclusive Knee-Action Design prevents damage from sudden wind gusts</li> <li>• Heavy duty motor is fully contained in the roller tube, self-locks awning in travel position</li> <li>• Unique spring-arm mechanism automatically dumps accumulating rain water</li> </ul>

	<u>ROOF ACCESS:</u>
1	15" wide roof access ladder mounted on rear. Ladder features: <ul style="list-style-type: none"> <li>• All welded construction for maximum strength</li> <li>• 1" diameter X 0.083" brush finished tubular aluminum rails</li> <li>• Aluminum grip-strut rungs</li> </ul>
	<u>LEVELING SYSTEM:</u>
1	Automatic leveling system, Quadra MFG. Inc. Big Foot™ model QE-2 four point fully automatic one-touch leveling system. Includes: <ul style="list-style-type: none"> <li>• 24" jack with 18" stroke (4 total) 17,000-lb. capacity</li> <li>• Air ride dump valve</li> <li>• Fully automatic control panel with manual feature</li> <li>• Safety interlock when jacks are deployed</li> <li>• Independent leg leveling.</li> </ul>
	<u>MISCELLANEOUS ITEMS:</u>
2	5 pound dry chemical fire extinguishers.
3	First Alert 9-volt combination Carbon Monoxide and Smoke alarms.
1	Traffic cone holder GC13 (vertical mount) or GC14 (horizontal mount) (or current model). Holds ten (10) 18" or five (5) 28" cones. Locate: Rear bumper.
	<u>MANUALS:</u>
	Complete manual set on paper and CD, including the following: <ul style="list-style-type: none"> <li>• As-built specifications with interior and exterior drawings as used for production of the vehicle.</li> <li>• Chassis and body owner's manuals.</li> <li>• 12Vdc and 120Vac legends showing wire gauge, color, number and function.</li> <li>• 12Vdc high current wiring diagram illustrating the battery systems, isolators, power converters, and alternator.</li> <li>• Roof top antenna placement drawing and legend identifying antenna placements and termination points.</li> <li>• Audio/Video cabling diagram.</li> <li>• Warranty and Return Authorization procedures.</li> <li>• Battery maintenance information.</li> <li>• All individual component manuals and warranty registration cards as provided by component manufacturers.</li> </ul>
	<u>MISCELLANEOUS:</u>

	<p>At time of delivery to customers facility the vendor representative will provide up to eight (8) hours of orientation on vendor provided systems, as applicable:</p> <ul style="list-style-type: none"> <li>• Auto start up and shut down procedure</li> <li>• Leveling system operation</li> <li>• AC and DC electrical systems operation</li> <li>• HVAC systems operation</li> <li>• Mast operation</li> <li>• Audio/Video system operation</li> <li>• Awning operation</li> </ul>
--	--

Option Pricing:

Qty	
	<b><u>TRIPOD LIGHTS:</u>    \$</b>
2	<p>Whelen telescoping tripod light mount. Includes:</p> <ul style="list-style-type: none"> <li>• 3200 series tripod, aluminum pole collar clamp assembly.</li> <li>• Light fixture PFP1AP Pioneer Plus™ LED Floodlight, 150 watt, 120 VAC.</li> <li>• Body mount cradle</li> <li>• Externally mounted power switch with weatherproof PVC cover.</li> <li>• Twist lock plug</li> </ul> <p>Location: Rear of truck.</p>
2	50' 12/3 yellow extension cord with twist-lock plugs to extend the tripod light away from the truck.
	<b><u>NIGHT SCAN:</u>    \$</b>
1	<p>Will-Burt Night Scan Chief NS2.3-600 WHL (or current model) 110Vac light tower. Includes:</p> <ul style="list-style-type: none"> <li>• Four (4) 150W watt Pioneer LED lightheads.</li> <li>• Pistol grip, full-function remote control.</li> <li>• Self-contained 12Vdc air system.</li> <li>• Dash mounted warning light with interlock to prevent vehicle from being moved with light tower raised.</li> <li>• Additional roof support structure, as required.</li> </ul> <p><b>Note:</b> Locate controller input TBD</p>



	<b>DVR UPGRADE: \$</b>
1	<p>AXIS Camera Station S1016 Recorder - standalone DVR - 16 channels - 0202-720 (or current model)</p> <ul style="list-style-type: none"> <li>• 1TB DVR with 960H Real-Time Recording</li> <li>• Standalone DVR</li> <li>• 16 channels</li> <li>• 1 x 3 TB</li> <li>• Networked</li> </ul> <p><b>Note:</b> Record mast camera and customer supplied portable camera.</p>
	<b>EXTERIOR TV COMPARTMENT: \$</b>
1	<p>Samsung - 43" LED - 1080p - Smart HDTV - UN43J5200AFXZA (or current model) Color - black. Product features:</p> <ul style="list-style-type: none"> <li>• Resolution 1080p</li> <li>• Smart TV</li> <li>• Built-in Wi-Fi</li> <li>• (2) HDMI, (1) USB</li> <li>• (2) speakers</li> <li>• Built in tuner</li> <li>• Dimensions: 38.8"(W) x 22.3"(H) x 2.3"(D) Weight 20lbs</li> </ul> <p><b>Location:</b> Exterior TV Compartment</p>
1	Peerless-AV Smart Mount Flat EV Wall Mount - Model SF640P (or current model)
1	Weatherproof exterior access door to view LCD monitor. Door to be constructed from 0.125" aluminum with all welded seams and hinged at the top. Includes gas charged lift support and locking latch.
	<b>PERIMETER CAMERA: \$</b>
1	<p>Four (4) IP Perimeter Cameras. AXIS P3214-V Fixed Dome Network Camera - network surveillance camera. Mfg.0612-001 (or current model)• 1 - rear view• 1 - front view• 1 - left side view• 1 - right side view</p> <p><b>Note:</b> Connected and viewable through AXIS DVR</p>
	<b>EXTERIOR ACCESS DOOR: \$</b>
1	2" box pan door and door frame fabricated from 0.125" aluminum installed in body to provide exterior access to Middle Atlantic electronics equipment rack. Includes key lock and gas shock.
	<b>EXTERIOR MARKER BOARD: \$</b>
1	<p>Removable <i>Quartet</i> Magnetic Porcelain Marker Board QRT P563T (or current model) 36" x 24".</p> <ul style="list-style-type: none"> <li>• White, magnetic; matte finish for reduced glare.</li> <li>• Full-size tray for markers and erasers.</li> <li>• Magnetic brackets on the exterior of the vehicle.</li> </ul>
1	Heavy-duty zippered storage bag for exterior shelf or dry erase board.

	<b>EXTERIOR REMOVALABLE SHELF: \$</b>
1	Removable 0.125" aluminum exterior shelf with white powder coat finish, approximate size 18" x 48". Install shelf brackets on the exterior of the vehicle.
1	Heavy-duty zippered storage bag for exterior shelf or dry erase board.

## GENERAL CLAUSE

### PROPOSAL FORMS

As noted under "instructions to bidders", attached to these specifications is a "Proposal Form/Signature Form", which must be completely filled out and signed by each bidder.

As these Instructions to Bidders, Specifications, Form of Proposal, Signature Page, General and Special Clauses, etc. all refer to each other and together constitute a whole legal binding agreement and must be returned together as when delivered to bidder.

### **NO BID WILL BE ACCEPTED UNLESS SUBMITTED ON THE FORMS FURNISHED HEREIN**

All bids must be sealed, marked and delivered in accordance with the instructions in paragraph 5, and 6. Bids will be opened and read publicly by the Business Administrator at the time and day specified in the Advertisement for Bids. Reading of the bids will take place at the Municipal Building, 1261 Chews Landing Road, Laurel Springs, NJ 08021.

### DELIVERY

In general, deliveries shall be at such time and place as may be fixed by Council and shall not be made except upon definite instructions. See "Specifications" for delivery required under these present specifications.

### DISPOSAL OF MATERIALS, SUPPLIED ETC...NOT APPROVED.

Bidders shall understand that when materials, supplies, etc. have been delivered to the job which do not comply with the specifications and have not been approved, they shall be immediately removed upon notification to the contractor and replaced with material, supplied, etc., in full accordance with the specifications.

### PAYMENTS

Payments shall be made to the contractor within sixty (60) days of receipt of invoice, after inspection and acceptance of the material and/or work and approval of the invoice by the Township Council unless otherwise stipulated by the Township in the form of a contract.



### NUMBER OF WORKING DAYS

The contract shall contain the date which the work shall be completed or shall specify the number of working days to be allowed for its completion and/or delivery of materials equipment and supplies.

### EXEMPTION FROM FEDERAL EXCISE AND NEW JERSEY SALES TAX

The Township of Gloucester is exempt from Federal Excise Taxes and the New Jersey Sales Tax. Net prices as shown in the proposal shall exclude said Federal and State Tax amounts.

NOTE: This provision shall not apply to construction, repair and/or maintenance contracts where bidder purchases supplies, materials, and/or equipment and includes costs thereof in computation of his bid or proposal.

### DOMESTIC PRODUCTS

Only manufactured products of the United States, wherever available, shall be used in connection with this undertaking, pursuant to 40A:11-18 of the Revised Statutes of the State of New Jersey.

### PUBLIC DISCLOSURE

Chapter 33 of the Public Laws of 1977 provides that no Corporation or Partnership shall be awarded any State, County, Municipal, or School District contract for the performance of any work or the furnishing of any materials or supplies, unless prior to the receipt of the bid or accompanying the bid of said Corporation or Partnership there is submitted a statement. The statement shall set forth the names and addresses of all stockholders in the Corporation or Partnership who own ten percent (10%) or more of its stock or any class, or of all individual partners in the Partnership who owns a ten percent(10%) or greater interest therein.

### FAILURE TO SUPPLY THIS INFORMATION WITH "FORM OF PROPOSAL" WILL BE CAUSE TO REJECT THE BID

#### AFFIRMATIVE ACTION COMPLIANCE NOTICE N.J.S.A 10:5-31 and N.J.A.C. 17:27

#### GOODS AND SERVICES CONTRACTS (INCLUDING PROFESSIONAL SERVICES)

This form is a summary of the successful bidder's requirement to comply with requirements of N.J.S.A. 10:5-31 and N.J.A.C. 17:27.

The successful bidder shall submit to the public agency, after notifications of award but prior to

execution of this contract, one of the following three documents as forms of evidence.:

(a) A photocopy of a valid letter that the contractor is operating under an existing Federally approved or sanctioned Affirmative Action Program (good for one year from the date of the letter):

**OR**

(b) A photocopy of a Certificate of Employee Information Report approval, issued in accordance with N.J.A.C. 17:27-4

**OR**

(c) A photocopy of an Employee Information Report (Form AA302) provided by the Division and distributed to the public agency to be completed by the contractor

The successful vendor may obtain the Affirmative Action Employee Information Report (AA302) from the contraction unit during normal business hours.

The successful vendor(s) must submit the copies of the AA302 Report to the Division of Contract Compliance and Equal Employment Opportunity in Public Contracts (Division). The Public Agency copy is submitted to the public agency, and the vendor copy is retained by the vendor.

The undersigned vendor certifies that he/she is aware of the commitment to comply with the requirements of N.J.S.A. 10:5-31 and N.J.A.C. 17:27 and agrees to furnish the required forms of evidence.

The undersigned vendor further understands that his/her bid shall be rejected as non-responsive if said contractor fails to comply with the requirements of N.J.S.A. 10:5-31 and N.J.A.C. 17:27.

COMPANY: \_\_\_\_\_

SIGNATURE \_\_\_\_\_

PRINT NAME: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

#### SUPPLEMENT TO BID SPECIFICATIONS

##### NON-DISCRIMINATION

During the performance of a contract, the contractor agrees as follows:

1. The contractor or subcontractor, where applicable, will not discriminate against any employee or applicants for employment because of age, race, creed, color, national origin, ancestry, marital status, or sex. The contractor will take affirmative action to ensure that such applicants are recruited and employed, and that employees are treated during

employment, without regard to their age, race, creed, color, national origin, ancestry, marital status or sex. Such action shall include, but not be limited to the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notice to be provided by the Public Agency Equal Employment Opportunity Officer setting forth provisions of the non-discrimination clause.

2. The contractor or subcontractor, where applicable, will in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to age, race, creed, color, national origin, ancestry, marital status or sex.
3. The contractor or subcontractor, where applicable, will send to each labor union or representative of workers with which it has collective bargaining agreement or other contract or understanding a notice, to be provided by the Public Agency Equal Employment Opportunity Officer advising the labor union or workers representative of the contractor's commitments under this act and shall post copies of the notice in a conspicuous place available to employees and applicants for employment.
4. The contractor or subcontractor, where applicable agrees to comply with any regulations promulgated by the Treasurer pursuant to P.L., c.127, as amended and supplemented from time-to-time.
5. The contractor or subcontractor agrees to attempt in good faith to employ minority and female workers consistent with the applicable county employment goals prescribed by section 5.2 of the regulations promulgated by the Treasurer pursuant to P.L. 1975, c. 127 as amended and supplemented from time-to-time or in accordance with a binding determination of applicable county employment goals, determined by the Affirmative Action Office pursuant to section 5.2 of the regulations promulgated by Treasurer pursuant to P.L. 1975, c, 127 as amended and supplemented from time-to-time.
6. The contractor or subcontractor agrees to inform in writing all recruitment agencies, including employment agencies, placement bureaus, colleges, universities, labor unions, that it does not discriminate on the basis of age, creed, color, national origin, ancestry, marital status, or sex, and that it will discontinue the use of any recruitment agency which engages in direct or indirect discriminatory practices.
7. The contractor or subcontractor agrees to revise any of its testing procedures, if necessary, to assure that all personnel testing conforms with the principles of job-related testing, as established by the statutes and court decisions of the State of New Jersey and as established and by application Federal Law and applicable Federal Court decisions.
8. The contractor or subcontractor agrees to review all procedures relating to transfer, upgrading, downgrading and layoff to ensure that all such actions are taken without regard

to age, creed, color, national origin, ancestry, marital status or sex and conform with the applicable employment goals consistent with the statutes and court decisions of the State of New Jersey, and applicable Federal Law and applicable Federal Court decisions.

Provisions 4, 5, 6, 7, or 8 not required for subcontractors with (4) or fewer employees or a contractor who has presented evidence of a Federally approved or sanctioned Affirmative Action Program

Submitted By:

\_\_\_\_\_  
Name of Firm

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

GOODS, PROFESSIONAL SERVICES AND  
GENERAL SERVICE CONTRACTS

During the performance of this contract, the contractor agrees as follows:

The contractor or subcontractor, where applicable, will not discriminate against any employee or applicant for employment because of age, race, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation. The contractor will take affirmative action to ensure that such applicants are recruited and employed, and that employees are treated during employment, without regard to their age, race, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation. Such action shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Public Agency Compliance Officer setting forth provisions of the nondiscrimination clause.

The contractor or subcontractor, where applicable will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to age, race, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation. The contractor or subcontractor, where applicable, will send to each labor union or representative or workers with which it has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the agency contracting officer advising the labor union or workers' representative of the contractor's

commitments under this act and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

The contractor or subcontractor, where applicable, agrees to comply with the regulations promulgated by the Treasurer to P.L. 1975, c.127, as amended and supplemented from time-to-time and the Americans with Disabilities Act. The contractor or subcontractor agrees to attempt in good faith to employ minority and female workers consistent with the applicable county employment goals prescribed by N.J.A.C. 17:27-5.2 promulgated by the Treasurer pursuant to P.L. 1975, c.127 as amended and supplemented from time-to-time or in accordance with a binding determination of the applicable county employment goals determined by the Affirmative Action Office pursuant to N.J.A.C. 17:27-5.2 promulgated by the Treasurer pursuant to P.L. 1975, c.127, as amended and supplemented from time-to-time.

The contractor or subcontractor agrees to inform in writing appropriate recruitment agencies in the area, including employment agencies, placement bureaus, colleges, universities, labor unions, that it does not discriminate on the basis of age, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation, and that it will discontinue the use of any recruitment agency which engages in direct or indirect discriminatory practices. The contractor or subcontractor agrees to revise any of its testing procedures, if necessary, to assure that all personnel testing conforms with the principles of job-related testing, as established by the statutes and court decisions of the State of New Jersey and as established by applicable Federal Law and applicable Federal Court decisions.

The contractor or subcontractor agrees to review all procedures relating to transfer, upgrading, downgrading and layoff to ensure that all such actions are taken without regard to age, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation, and conform with the applicable employment goals, consistent with the statutes and court decisions of the State of New Jersey, and applicable Federal law and applicable Federal Court decisions. The contractor and its subcontractors shall furnish such reports or other documents to the Affirmative Action Office as may be requested by the office from time-to-time in order to carry out the purposes of these regulations, and public agencies shall furnish such information as may be requested by the Affirmative Action Office for conducting a compliance investigation pursuant to Subchapter 10 of the Administrative Code(NJAC 17:27).

---

SIGNATURE

---

(NAME) PRINT OR TYPE

---

COMPANY NAME

---

DATE

AFFIDAVIT FOR AFFIRMATIVE ACTION

(This Affidavit is part of the Proposal)

STATE OF: \_\_\_\_\_

COUNTY OF: \_\_\_\_\_

being duly sworn, deposes and says that he/she resides at:

\_\_\_\_\_  
\_\_\_\_\_

and that he/she is the \_\_\_\_\_ of \_\_\_\_\_  
who signed the foregoing Proposal of Bids, that during the course of this contract, he/she will  
agree to the Plan for Affirmative Action.

Subscribed and Sworn to

before me on the \_\_\_\_ day

of \_\_\_\_\_ 20 \_\_\_\_\_

\_\_\_\_\_  
(Notary Public)

\_\_\_\_\_  
My Commission Expires:

(Seal)

### NON-COLLUSION AFFIDAVIT

State of New Jersey

County of \_\_\_\_\_

SS: \_\_\_\_\_

I, \_\_\_\_\_ residing in \_\_\_\_\_  
(Name of Affiant) (Name of Municipality)

in the County of \_\_\_\_\_ and State of \_\_\_\_\_ of full

age, being duly sworn according to law on my oath depose and say that:

I am \_\_\_\_\_ of the firm of \_\_\_\_\_  
(Title or Position) (Name of Firm)

the bidder making this Proposal for the bid entitled \_\_\_\_\_, and that I  
(Title of Bid Proposal)

executed the said proposal with full authority to do so that said bidder has not, directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken any action in restraint



of free, competitive bidding in connection with the above named project; and that all statements contained in said proposal and in this affidavit are true and correct, and made with full knowledge that the \_\_\_\_\_ relies upon the truth of the statements contained in said Proposal

(Name of contracting unit)

and in the statements contained in this affidavit in awarding the contract for the said project.

I further warrant that no person or selling agency has been employed or retained to solicit or secure such contract upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, except bona fide employees or bona fide established commercial or selling agencies maintained by \_\_\_\_\_.

Subscribed and sworn  
before me this \_\_\_\_\_ day

of \_\_\_\_\_, 2

\_\_\_\_\_  
(Type or Print Name)

Notary public of \_\_\_\_\_

\_\_\_\_\_  
( Signature)

My Commission expires \_\_\_\_\_

(Seal)

PROOF OF BUSINESS REGISTRATION

N.J.S.A. 52:32-44 required that each contractor submit proof of business registration with the bid proposal. Proof of registration shall be a copy of the bidder's Business Registration Certificate(BRC). A BRC is obtained from the New Jersey Division of Revenue. Information on obtaining a BRC is available on the internet at [www.nj.gov/dca/lgs/lpcl/busregis/bus](http://www.nj.gov/dca/lgs/lpcl/busregis/bus) or by phone at (609) 292-1730. N.J.S.A. 52:32-44 imposes the following requirements on contractors and all subcontractors that knowingly provide goods or perform services for a contractor fulfilling this contract:

- 1) The contractor shall provide written notice to its subcontractors and suppliers to submit proof of business registration to the contractor;
- 2) Prior to receipt of final payment from a contracting agency, a contractor must submit to the contracting agency an accurate list of all subcontractors or attest that none was used;
- 3) During the term of this contract, the contractor and its affiliates shall collect and remit and shall notify all subcontractors and their affiliates that they must collect and remit to the Director, New Jersey Division of Taxation, the Use Tax due pursuant to the Sales and Use Tax Act, (N.J.S.A. 54:32B-1 et seq) on all sales of tangible personal property delivered into this state.

A contractor, subcontractor or supplier who fails to provide proof of business registration or

provides false business registration information shall be liable to a penalty of \$25 for each day of violation, not to exceed \$50,000 for each business registration not properly provided or maintained under a contract with a contracting agency. Information on the law and its requirements is available by calling (609) 292-9292.

NEW JERSEY "BUSINESS REGISTRATION CERTIFICATE" FORM

P.L. 2004 Ch. 57 requires that Business Organization's, be registered with the New Jersey Department of Treasury, Division of Revenue. The definition in the law is as follows:

"Contractor" means a business organization that seeks to enter or has entered into a contract with a contracting agency, to provide goods, services, or a construction project, the cost of which exceeds 15% of the contracting unit's bid threshold.

Please indicate below, for the bidder and all subcontractors listed on the "Subcontractor Declaration" herein, as to their registration with the NJ Department of Treasury, Division of Revenue in accordance with P.L. 2004, Ch57.

Proof of registration is required for all contractor's and named subcontractor's. Proof of registration means a copy of the organization's Business Registration Certificate". No other form can be substituted to fulfill this requirement.

Copies of the Business Registration Certificate shall be submitted and attached to this form.

Name

Registration Number

Bidder \_\_\_\_\_

\_\_\_\_\_

(Subcontractor) \_\_\_\_\_

\_\_\_\_\_

(Subcontractor) \_\_\_\_\_

\_\_\_\_\_

(Subcontractor) \_\_\_\_\_

\_\_\_\_\_

(Subcontractor) \_\_\_\_\_

\_\_\_\_\_

Subscribed and Sworn  
before me this \_\_\_\_ day  
of \_\_\_\_\_ 20 \_\_\_\_.

\_\_\_\_\_  
Notary Public of

\_\_\_\_\_  
Signature

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
(Type or Print Name)

(Seal)

### CONSTRUCTION CONTRACT

During the performance of this contract the contractor agrees as follows:

- 1) The contractor or subcontractor, where applicable, will not discriminate against any employee or applicant for employment because of age, race, creed, color, national origin, ancestry, marital status, or sex. The contractor will take affirmative action to ensure that such applicants are recruited and employed, and that employees are treated during employment, without regard to their age, race, creed, color, national origin, ancestry, marital status or sex. Such action shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Public Agency Equal Employment Opportunity Officer setting forth provisions of this non-discrimination clause.
- 2) The contractor or subcontractor, where applicable, will in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to

age, race, creed, color, national origin, ancestry, marital status or sex.

- 3) The contractor or subcontractor, where applicable, will send to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the Public Agency Equal Employment Opportunity Officer advising the labor union or worker's representative of the contractor's commitments under this act and shall post copies of the notice in a conspicuous place available to employees and applicants for employment.
- 4) The contractor or subcontractor, where applicable, agrees to comply with any regulations promulgated by the Treasurer pursuant to P.L. 1975, c 127, as amended and supplemented from time-to-time.
- 5) When hiring workers in each construction trade, the contractor or subcontractor agrees to attempt in good faith to employ minority workers in each construction trade consistent with applicable employment goal prescribed section 7.3 of said regulation; provided however, that the Affirmative Action Office may, in its discretion, exempt a contractor or subcontractor from compliance with the good faith procedures prescribed by the following provision 1, 2 and 3 as long as the Affirmative Action Office is satisfied that the contractor is employing workers provided by a union which provides evidence, in accordance with standards prescribed by the Affirmative Action Office, that its percentage of active "card carrying" members who are minority workers is equal to or greater than the applicable employment goal prescribed by section 7.3 of the regulations promulgated by the treasurer pursuant to

P.L. 1975, c. 127, as amended and supplemented from time-to-time. The contractor or subcontractor agrees that a good faith effort shall include compliance with the following procedures:

- A. If the contractor or subcontractor has a referral agreement or arrangement with a union for a construction trade, the contractor or subcontractor shall within(3) days of the contractor award, seek assurance from the union that it will cooperate with the contractor or subcontractor as it fulfills its affirmative action obligations under this contract and in accordance with the regulations promulgated by the Treasurer pursuant to P.L. 1975, c. 127, as it is supplemented and amended from time-to-time. If the contractor or subcontractor is unable to obtain said assurance from the construction trade union at least five(5) days prior to the commencement of construction work, the contractor or subcontractor agrees directly to attempt to hire minority workers consistent with the applicable employment goal. If the contractors' or subcontractors' prior experience with a construction trade union regardless of whether the union provided said assurance indicates a significant possibility that the trade union will not refer sufficient minority

workers consistent with the applicable employment goal by complying with following hiring procedures prescribed under(2): and the contractor or subcontractor further agrees immediately to take said action if it determines or is so notified by the Affirmative Action Office that the union is not referring minority workers consistent with the applicable employment goal.

- B. If the hiring of a work force consistent with the employment goal has not or cannot be achieved for each construction trade by adhering to the procedures of the preceding provision(1), or if the contractor or subcontractor does not have a referral agreement or arrangement with a union for a construction trade, the contractor or subcontractor agrees to take the following actions consistent with the applicable county employment goal:
1. To notify the Public Agency Compliance Office, Affirmative Action Office and at least one minority referral organization of its manpower needs and request the referral of minority workers;
  2. To notify any minority workers who have been listed with it as awaiting available vacancies;
  3. Prior to commencement of work, to request the local construction trade union if the contractor or subcontractor has a referral agreement or arrangement with a union for the construction trade, to refer workers to fill job openings;
  4. To leave standing requests for additional referral of minority workers with the local construction trade union, if the contractor or subcontractor has a referral agreement or arrangement with a union for the construction trade, the State Training and Employment service and the other approved referral sources until such time as the work force is consistent with the employment goal;
  5. If it is necessary to lay off some of the workers in a given trade on the construction site, to assure consistency with the applicable State and Federal Statutes and Court decisions, that sufficient minority employees remain on the site consistent with the employment and to employ any minority workers laid off by the contractor or any other construction site in the area on which its work force composition if not consistent with any employment goal established pursuant to the regulations implementing P.L. 1975, c. 127;
  6. To adhere to the following procedure when minority workers apply or are referred to the contractor or subcontractor:

- i. If said individuals have never previously received any document or certification signifying a level of qualification lower than that required, the contractor or subcontractor shall determine the qualifications of such individuals and if the contractor's or subcontractor's work force in each construction trade is not consistent with the applicable employment goal, it shall employ such persons which satisfy appropriate qualification standards; provided however, that a contractor or subcontractor shall determine that the individual at least possesses the skills and experience recognized by any workers skills and experience classification determination which may have been made by a Public Agency Compliance Officer, Union, Apprentice Program or a Referral Agency, provided the Referral Agency is acceptable to the Affirmative Action Office and provided further, that if necessary, the contractor shall hire minority workers who qualify as trainees pursuant to subsection 2(k) of these regulations. All of the requirements of the paragraph, however, are limited by the provisions of paragraph (c) below.
  - ii: If the contractor's subcontractor's work force is consistent with applicable employment goals, the name of said minority group individual shall be maintained on a waiting list for first consideration in the event the contractor's or subcontractor's work force is no longer consistent with the applicable employment goal.
  - iii. If for any reason said contractor or subcontractor determines said minority group individual is not qualified or if said individual qualifies as an advance trainee or apprentice, said contractor or subcontractor shall inform said individual in writing with the reasons for the determination and maintain copy in its files, and send a copy to the Public Agency Compliance Officer and the Affirmative Action Office.
7. To keep a complete and accurate record of all requests made for the referral of works in any trade covered by the contract, and said records shall be kept on forms made available by the Affirmative Action Office and shall be submitted promptly to that office upon request.
- C. The contractor or subcontractor agrees that nothing contained in the preceding provision(3) shall preclude the contractor or subcontractor from complying with hiring all apprenticeship provisions in any applicable collective bargaining agreement and where required by custom or agreement, it shall send journeymen and trainees to the union for referral or

to the apprenticeship program for admission, pursuant to such agreement or arrangements; provided, however, that where the practices of a union or apprenticeship program will result in the exclusion or minority persons or the failure to refer minority group persons consistent with the county employment goal, the contractor or subcontractor shall not be required to employ minority advanced trainees and trained in numbers which result in the employment of advanced trainees as percentage of the total work force for construction, trade, which percentage significantly exceeds the apprentice to journey worker ratio specified in the applicable collective bargaining agreement, or in the absence of a collective bargaining agreement, exceeds the ratio established by practice in the area for said construction trade. Also the contractor or subcontractor agrees that, in implementing the procedures of the preceding provision (b), it shall, where practicable, employ minority workers residing within the geographical jurisdiction of the residing union.

- D. The contractor agrees to complete monthly Project Manning Reports on forms provided by the Affirmative Action Office or in the form prescribed by the Affirmative Action Office and submit a copy of said form no later than three(3) days after signing a construction contract and said form once a month thereafter for the duration of this contract the Affirmative Action Office and to the Public Agency Compliance Officer. The contractor agrees to cooperate with the Public Agency in the payment of budgeted funds, as if necessary, for on-the-job programs for outreach and training of minority trainees employed on the construction projects.

Provision 4 and 5 not required for contractors or subcontractors with four(4) or fewer employees or a contractor who has presented evidence of a Federally approved or sanctioned Affirmative Action Program.

CERTIFICATE OF BIDDER SHOWING ABILITY TO PERFORM CONTRACT

I, \_\_\_\_\_ of the (City, Town, Township, Borough, etc.)  
of \_\_\_\_\_ in the County of \_\_\_\_\_ and the  
State of \_\_\_\_\_ of full age, being duly sworn according to law on my  
oath depose and say that:

1. I am a(n) owner, partner, shareholder or officer of the company set forth below and am duly authorized to execute this affidavit on its behalf.

(Check Appropriate Statements(s))

\_\_\_\_\_ I own, lease or control the necessary equipment required by the plans, specifications, and advertisements under which bids are asked for.



\_\_\_\_\_ I do not own, lease or control all the necessary equipment required by plans, specifications, and advertisements under which bids are asked for.

If the bidder is not the actual owner or lessee of all the necessary equipment provide the source from which the equipment will be obtained (Attach additional sheets if necessary.)

\_\_\_\_\_  
Attach certification from the owner or person in control of the equipment definitely granting to the bidder the control of the equipment required during such time as may be necessary for the completion of that portion of the contract for which it is necessary.)

Subscribed and sworn

before me this \_\_\_\_\_ day

of \_\_\_\_\_, 2 \_\_\_\_\_

Notary Public of \_\_\_\_\_

My Commission Expires:

\_\_\_\_\_  
(Title)

\_\_\_\_\_  
(Name of Company)

(Seal)

### CONTRACT FORM

#### TOWNSHIP OF GLOUCESTER - CAMDEN COUNTY, NEW JERSEY

THIS AGREEMENT made this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_, by and between the TOWNSHIP OF GLOUCESTER, COUNTY OF CAMDEN, a Municipal Corporation of the STATE OF \_\_\_\_\_, part of the second part;

The vendor/contractor agrees to sell/construct and the purchaser agrees to buy the following upon the terms and conditions hereinafter set forth.

The vendor/contractor and the purchaser agrees, to be bound by the terms of the Notice to Bidders, Instruction to Bidders General Conditions and Specifications attached hereto and made a part of hereof, and delivery shall be made when and as directed by the purchaser. The vendor/contractor further agrees to furnish a bond with sufficient surety in the amount of \_\_\_\_\_ the amount of this contract, guaranteeing performance of the contract or delivery to be made a part hereof. The purchaser agrees to make payments in accordance with the terms of proposal.

This contract constitutes the entire agreement between the parties hereto and its provisions shall not be changed except in writing, agreeable to both parties. This contract shall expire \_\_\_\_\_.

\_\_\_\_\_  
TOWNSHIP CLERK

\_\_\_\_\_  
MAYOR

(Corporate Seal)

\_\_\_\_\_  
COMPANY

ATTEST:

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
TITLE

\_\_\_\_\_  
TITLE

#### PUBLIC WORKS CONTRACTOR REGISTRATION ACT

N.J.S.A. 34:11-56.25, et seq. Requires that a general or prime contractor and any listed subcontractors name in the contractor's bid proposal shall possess a certificate at the time the bid proposal is submitted. After bid proposals are received and prior to award of contract, the successful contractor shall submit a copy of the contractor's certification along with those of all listed subcontractors at any tier have their certificate prior to starting work on the job.

Under the law a "contractor" is a "person, partnership, association, joint stock company, trust corporation or other legal business entity or successor thereof who enters into a contract" which is subject to the provisions of the New Jersey Prevailing Wage Act (N.J.S.A. 34:11-56.25, et seq.). It applies to contractors bases in New Jersey or in another state.

#### PUBLIC WORKS CONTRACTOR REGISTRATION FORM

C.34:11-56.48, p.l. 1999, Ch. 238 requires that contractors and subcontractors, in certain instances,

be registered with the New Jersey Department of Labor, Division of Wage and Hour Compliance. The definition in the law is as follows.

“Contractor means a person, partnership, association, joint stock company, trust, corporation, or other legal business entity or successor thereof who enters into a contract which is subject to the provisions of the “New Jersey Prevailing Wage Act”, P.L. 1963, C150 (c.34:11-56.25 et seq.). For the construction, reconstruction, demolition, alteration, repair or maintenance of a public building regularly open to and used by the general public or a public institution, and includes any subcontractor or lower tier subcontractor of a contractor as defined herein, except that, for the purposes of this act, no pumping station, treatment plant or construction, reconstruction, demolition, alteration, repair or maintenance shall be regarded as public building regularly open to and used by the general public or a public institution.

Please indicate below, for the bidder and all subcontractors listed on the “Subcontractor Declaration” herein, as to their registration with the NJ Department of Labor, Division of Wage and Hour Compliance in accordance with P.L. 1999, Ch. 238

NAME

REGISTRATION #

Bidder \_\_\_\_\_

\_\_\_\_\_

(Subcontractor)

\_\_\_\_\_

\_\_\_\_\_

(Subcontractor)

\_\_\_\_\_

\_\_\_\_\_

(Subcontractor)

\_\_\_\_\_

\_\_\_\_\_

(Subcontractor)

\_\_\_\_\_

\_\_\_\_\_

IF IN THE PROCESS OF REGISTRATION, BUT HAVE NOT YET RECEIVED A REGISTRATION NUMBER, ATTACH PROOF OF APPLICATION FOR CONTRACTOR AND/OR SUBCONTRACTORS.

Registration forms are available by contacting Contractor Registration Unit at (609) 292-9464.

Subscribed and sworn before me this  
\_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

\_\_\_\_\_

Signature

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
(Name & Title Type or Print)

(My Commission Expires)\_\_\_\_\_20\_\_\_\_\_

AMERICANS WITH DISABILITIES ACT OF 1990  
Equal Opportunity for Individuals with disability

The contractor and the Township of Gloucester , do hereby agree that the provisions of Title 11, of the Americans With Disabilities Act of 1990 42 U.S.C. S12101 et seq, which prohibits discrimination on the basis of disability by public entities in all services, programs, and activities provided or made available by public entities, and the rules and regulations promulgated pursuant there unto, are made a part of this contract. In providing any aid, benefit, or service on behalf of the owner pursuant to this contract, the contractor agrees that the performance shall be in strict compliance with the Act. In the event that the contractor, its agents, servants, employees, or subcontractors violate or are alleged to have violated the Act during the performance of this contract, the contractor shall defend the owner in any action or administrative proceeding commenced pursuant to this Act. The contractor shall indemnify, protect, and save harmless the owner, its agents, servants, and employees from and against any and all suits, claims, losses, demands, or damages, of whatever kind or nature arising out of or claimed to arise out of the alleged violation. The contractor shall, at its own expense, appear, defend, and pay any and all charges for legal services and any and all costs and other expenses arising from such action or administrative proceeding or incurred in connection therewith. In any and all complaints brought pursuant to the owner's grievance procedure, the contractor agrees to abide by any decision of the owner which is rendered pursuant to said grievance procedure. If any action or administrative results in an award of damages against the owner, or if the owner incurs any expense to cure a violation of the ADA which has been brought pursuant to its grievance procedure, the contractor shall satisfy and discharge the same at its own expense.

The owner shall, as soon as practicable after a claim has been made against it, give written notice thereof to the contractor along with full and complete particulars of the claim. If any action or administrative proceeding is brought against the owner or any of its agents, servants, and employees, the owner shall expeditiously forward or have forwarded to the contractor every demand, complaint, notice summons, pleading, or other process received by the owner or its representatives.

It is expressly agreed and understood that any approval by the owner of the services provided by the contractor pursuant to this contract will not relieve the contractor of the obligation to comply

with the Act and to defend, indemnify, protect, and save harmless the owner pursuant to this paragraph.

It is further agreed and understood that the owner assumes no obligation to indemnify or save harmless the contractor, its agents, servants, employees and subcontractor for any claim which may arise out of their performance of this Agreement. Furthermore, the contractor expressly understands and agree that the provisions of this indemnification clause shall in no way limit the contractor's obligations assumed in this Agreement, nor shall they be construed to relieve the contractor from any liability, nor preclude the owner from taking any other actions available to it under any other provisions of the Agreement or otherwise at law.