

CITY OF NORWICH
NORWICH PUBLIC UTILITIES

BID # 7316

ONE (1) ELECTRIC VAN,
TWO (2) CNG CONVERTIBLE TRUCKS

Sealed bids for THREE (3) VEHICLES will be received at the Office of the Purchasing Agent at City Hall, 100 Broadway, Norwich, Connecticut 06360 until 2:00 P.M., on January 10, 2012 prevailing time, at which time they will be publicly opened and read aloud.

Bid surety in the form of cash, a certified check or bid bond in the amount of five percent (5%) is required.

Copies of the Specifications may be obtained at the Purchasing Office at 100 Broadway, Norwich, CT 06360 or online at the State of Connecticut DAS Web Portal or at the City of Norwich web site www.norwichct.org by clicking on Public Bids/Proposals.

Questions regarding this bid should be directed to Ms. Tammy Petersen, Purchasing Supervisor, Norwich Public Utilities at tammypetersen@npumail.com.

Norwich Public Utilities reserves the right to reject any or all bids, in whole or in part, to award any item, group of items, or total bid, and to waive any informality in the bids received if it deems it to be in the best interest of the Department to do so.

No Bidder may withdraw their bid within 60 days after the actual date of bid opening thereof. Should there be reason why the contract cannot be awarded within the specific period, this time may be extended by mutual agreement between the City and the designated, qualified low Bidder.

All final awards of the bid subject to comply with Ordinance No. 1235 adopted December 3, 1991.

All bids must be submitted in a sealed envelope bearing the bidders name and bid number.

Responding bidders must ensure that employees and applicants for employment are not discriminated against because of their race, color, religion, age, handicap, familial status, sex, or national origin.

PURCHASING AGENT

NOTE: BIDDERS ARE HEREBY ADVISED THAT ONLY BID SURETIES FOR THE THREE LOWEST BIDDERS WILL BE HELD. ALL OTHERS WILL BE RELEASED WITHIN SEVEN DAYS.

**REQUEST FOR QUOTATION
THE CITY OF NORWICH
DEPARTMENT OF PUBLIC UTILITIES**
Norwich, Connecticut 06360

December 12, 2011

In your reply, refer to
Purchasing Division
860-823-4179

TO:

THIS IS NOT AN ORDER

Shipping Point: _____

F.O.B. _____ Via: _____

Delivery: Complete Shipment to be made from _____ in _____ days from receipt of order

Terms: _____ ~ _____ % ~ _____ days: Net _____ days Shipping Weight _____ lbs.

<p align="center">IMPORTANT</p> <p>PLEASE QUOTE ON THIS SHEET IN SPACE INDICATED BELOW FOR THE MATERIALS AND/OR SERVICES DESCRIBED..</p> <p>EXPLAIN FULLY ANY SUBSTITUTES SUBMITTED. PURCHASES MADE BY THE NORWICH DEPARTMENT OF PUBLIC UTILITIES ARE CONSIDERED EXEMPT FROM THE PAYMENT OF FEDERAL EXCISE TAXES, CONNECTICUT SALES TAXES, ETC., AND SUCH TAXES MUST BE IDENTIFIED SEPARATELY OR EXCLUDED FROM THE BID PRICES. EXEMPTION CERTIFICATIONS WILL BE FURNISHED AS REQUIRED.</p> <p>THE RIGHT TO ACCEPT ALL OR ANY PART OR TO DECLINE THE WHOLE IS RESERVED.</p> <p align="center">Your quotation must be in our office</p> <p>By: _____</p> <p align="center">January 10, 2012</p> <p align="center">_____ THE CITY OF NORWICH</p>
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Item	Quantity	Materials and/or Services Required	Unit Price	Total Price
1.	1 EACH	FORD TRANSIT PER ATTACHED SPEC LEAD TIME:		
2.	1 EACH	FORD F450 PER ATTACHED SPEC LEAD TIME:		
3.	1 EACH	FORD E350 PER ATTACHED SPEC LEAD TIME:		
		<p>NORWICH PUBLIC UTILITES RESERVES THE RIGHT TO SPLIT THIS AWARD IF SUCH ACTION IS DEEMED IN THEIR BEST INTEREST. BIDDERS ARE NOT REQUIRED TO BID ON ALL ITEMS.</p> <p>Please answer without exception all questions listed on this request for quotation</p>		

To THE CITY OF NORWICH

We quote you as above,

Date _____ 20____

Signed: _____

By: _____

Norwich Public Utilities	
Ford Transit	
Force Drive Components	
Motor	AC induction
Charge Port	Level 2, capable of 120V or 240V charging
High Voltage Battery	Liquid-cooled 28kWh lithium-ion battery pack with internal sensors and controller, supplied by Johnson Controls-Saft
Air Conditioning	Integrated motor, compressor and controller powered by high-voltage DC power
Power Brakes	Vacuum provided by electric pump
12V Auxiliaries	Dc-Dc converter converts high-voltage DC power to 12V to keep the 12V battery charged and supply power to 12V loads
Power Steering	12V-powered "smart" system, uses real-time vehicle data to provide correct amount of power steering assist
Heating	Electric fluid heater converts high-voltage DC power for windshield defrosting and interior heating
Electric Cooling Pump	12V-powered pump circulates coolant through battery pack, powertrain components, DC-DC converter and heat exchanger
Performance:	
Driving Range	50-80 miles depending on auxiliary usage and drive cycle
Maximum Speed	75 mph
Maximum Gradeability	20%
Operating Temperatures	negative 30 degree F to 120 degree F (some power reduction may occur above 110 degree F and lower temperatures require pre-conditioning)
Charging Time	6-8 hours at 240V/30A
Motor Power/Torque	140hp (105 kW) peak, 70 hp (52 kW) continuous/215 lb ft (292 Nm) peak, 86 lb ft (117 Nm) continuous
Mechanical:	
Drivetrain	Front-wheel drive (FWD)
Transmission	Fixed-ratio gear reduction with integrated parking pawl
Front Suspension	Front independent MacPherson strut suspension w/stabilizer bar
Rear Suspension	Rear multileaf spring suspension w/stabilizer bar
Brakes	Four wheel power front disc/rear drum with anti-lock brake system (ABS)
Steering	Power rack-and-pinion
Safety & Security:	
Airbags	Driver and front-passenger front and front-seat side
Steering Column	Collapsible
Doors	Side-intrusion door beams
Tire Pressure	Monitoring system (excludes spare tire)
Stability	AdvanceTrac with RSC (Roll Stability Control)
Horn	Single note
Reverse Sensing System	Non-disabling
Exterior Dimensions (in.)	
Front Track	59.3
Overall Width With Mirrors	83.2
Rear Door Opening Height	52.1
Rear Door Opening Width at Floor	50.2
Rear Track	61.1
Side Door Opening Height	46.9
Overall Height (at curb weight)	79.3
Ground Clearance (at rear axle)	7.9
Loadfloor Height (at curb weight)	23.1
Wheelbase	114.6
Overall Length	180.7
Turning Diameter (ft.)	39
Interior Dimensions (in.)	
PASSENGER AREA	FIRST ROW
Head Room	51.1
Shoulder Room	54.4
Hip Room	50.8
Leg Room	40.5
CARGO AREA	VAN
Cargo Length at Floor	81
Cargo Length (rear door to front seat backs)	72.6
Cargo Width Between Wheelhouse	48.1
Cargo Height Maximum	59
Capacities (cu. ft.)	
PASSENGER AREA	VAN
Passenger Volume	65
Cargo Volume Behind First Row with 2nd row seat folded	-
Cargo Volume Behind Second Row	-
Cargo Volume Behind First Row (no 2nd row seat)	134.3
Capacities (lbs.)	
	VAN
GVWR	5005
Maximum Payload (estimated)	1020
Curb Weight	3985

Interior:	
Seating	Driver and Front Passenger Bucket Seats, Cloth-Covered
Color	Dark Gray
Onboard Power	12V single front powerpoint
Floor Covering	Vinyl Flooring
Floor Mats	All-Weather front (van); All-Weather front and rear (wagon)
Wheel Cover	Standard full
Center Console	2 cupholders, 2 stowage bins, 1 additional folding cupholder
Mirrors	Day/night rearview (van requires rear glass)
Dome Lighting	Front, middle, rear
Sun Visors	Driver side with note strap, passenger side with mirror
Front Overhead Storage	Shelf with net
Headliner	Full length molded cloth
Air Conditioning	Manual
	Speedometer, range/miles-to-empty gauge, battery state-of-charge, driver system coolant temperature gauge
Instrument Panel	
Map Pocket	Driver and Front Passenger Doors
Steering Column	Tilt/telescopic
Exterior:	
Side Doors	Dual Sliding
Wheels	15 inch steel with 6-spoke wheel covers
Tires	P205/65R15 BSW
Bodyside Moldings	Gray
Spare Tire	Full size spare loosely
Charge Port Door	Locking
Fog Lamps	Rear
Wheel-Lip Moldings	Gray
Windshield Wipers	Front variable speed; rear 2-speed
Lights	Daytime running lights (standard feature)
Door Glass:	
Rear Door Privacy Glass	Solid-No Glass
Side Door Privacy Glass	Solid-No Glass
Options:	
Rear Cargo Doors-255 Degree Hinged Opening	
Rear View Camera	
Exterior color to be Summit White	
Katerack 3 shelf package installed(bottom shelf deep drawer)	
1 shelf will have the meter insert	
1 shelf will have the universal insert	
Go Light model#7951 remote search light mounted on roof	
Back up alarm installed	
Strobe lights: 2 front mounted in headlight assembly(Whelen hideaway strobes)	
2 rear mounted in back up light assembly(Whelen hideaway strobes)	
Bidder must be authorized sales and servicing dealer for vehicle being bid	
Dealer must be within 50 miles driving distance of Norwich Public Utilities	

Norwich Public Utilities

FORD F 450 type cab and chassis with CNG conversion - utility body

Description of Specification
Regular Cab - wheel base 165", cab to axle 84"
Dual Rear Wheels
6.8 L EFI V10 Engine - with CNG Gaseous Engine Prep Package
Hardened engine intake valves, exhaust valves and seats
5 speed automatic transmission with overdrive - transmission cooler
4 wheel drive - manual locking hubs
Gross Vehicle Weight Rating (GVWR) = 16,500 lbs Minimum
4.88 regular axle ratio
Twin I Beam Front Suspension with anti-roll bar
HD front and rear shocks
Vinyl bench seats 40/20/40
Hydraulic Power Assisted Steering
4 wheel anti-locking Disc Brakes
12V DC power outlets
Tilt Steering
Power Front windows, door locks
Side impact beams, front black bumper
Dual Rear Wheels 16" x7" steel
(6) LT225/75Rx19E BSW MaxTraction Tires-With full size spare tire
Power driver and passenger side - heated glass mirrors-pull out camper style
Remote keyless entry
4 upfitter switches
Exterior Paint - Yellow (Ford N/C school bus yellow - acceptable)
Vinyl flooring
Factory installed air conditioning
Extra fuse panel in cab w/both keyed & constant power
AM/FM radio w/standard speakers
Dual batteries
Tow package: from factory to have 7 way RV style plug & 2", 10,000lb receiver mounted on rear of truck when body is installed
High output alternator
3000w AC inverter(pure sinewave)
3yr/36,000 mile warranty
CNG Conversion
Dedicated CNG Cylinder Conversion - 42 GGE
2 horizontal tanks mounted in 2' compartment behind cab
CARP and EPA certified
FMVSS-303 compliant (crash test)
Closed loop fuel control
Sequential fuel injection
Original Fault codes maintained
"OEM" approved system so OEM warranty not voided

Utility Body
Knapehide Service Body model 6108D54J1 or equivalent
9' body dual wheels
Compartment depth 20"
Stainless Steel Slam Shut Latches
94" Straight Galva-Grip Bumper
LED Light Kit for service body
Questar #QS1 roof mounted spot light
(2) W 600 Amber Led Lights, 6 Amber Strobes - 4 rear and 2 front(Whelen)
fronts mounted in existing lights
Back up alarm
Full Body - Paint yellow to match cab
Spray on bed liner on bed floor, walls & top of box
Spray on bed liner on inside of compartment doors over both rear wheels
Cabinet lights controlled by switch inside cab w/warning light
Wilton all weather vice #10400-AW35 mounted on curbside of rear bumper
with a mount so it can be removed easily(2" receiver tube acceptable)
Type "A" hoop style removable ladder racks

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Norwich Public Utilities
 FORD E350 Cutaway Van with Utility Body -

Description of Specification
Regular Cab - wheel base 138", cab to axle 60"
Single Rear Wheels
5.4 L EFI V8 Engine - with CNG Gaseous Engine Prep Package
Hardened engine intake valves, exhaust valves and seats
HD 155 Amp Alternator
5 speed automatic transmission with overdrive -with external transmission cooler
Gross Vehicle Weight Rating (GVWR) = 9,900 lbs Minimum
4.10 axle ratio - Limited Slip
Twin I Beam Front Suspension with anti-roll bar
HD front and rear shocks
Vinyl bucket front seats with fixed head restraints
Hydraulic Power Assisted Steering
4 wheel anti-locking Disc Brakes
OEM Air Conditioning
3 12V DC power outlets
Tilt Steering
Power Front windows, door locks
Side impact beams, front black bumper
Single Rear Wheels 16" x7" steel
LT245/75Rx16E BSW AS Tires
B Pillar Trim Kit
Auxiliary Fuel Port
Daytime running lights
Remote keyless entry
4 upfitter switches - user defined
Exterior Paint - Yellow (Ford N/C school bus yellow - acceptable)
AM/FM radio with 2 front door speakers
3 Year/36,000 mile warranty or greater
CNG Conversion
Dedicated CNG Cylinder Conversion - 20 GGE
3 Tanks - one fill
Tanks located between and inside frame rails
CARP and EPA certified
FMVSS-303 compliant (crash test)
Closed loop fuel control
Sequential fuel injection
Original Fault codes maintained
"OEM" approved system so OEM warranty not voided
Utility Body
"Spartan Cutaway" or comparable body

Dimensions: Length 10' ID; Height 72" ID; Width 790" OD
Floor: 2x6 pine- wheel wells - undercoated
Cargo Control: 2 rope ties- side 12" from floor -6" from rear door and in center of sidewall - D ring Style
Rope lighting in all cabinets wired in conjunction with 4 Additional Halogen Dome lights - 2 switches w/pilot light in cab
4" Setback Bulkhead
Wind fairing Tall Cab - with access door, locking
3/8" Gel coat white Exterior
.060 Lasco Transparent roof skin
Anti sag roof bows on 24" Centers
1 aluminum 1 1/2" tubing ladder - street side rear
Drop down ladder rack Model #HXR-269-E
Exterior lights - std package - added backup light - see option below
Rear grip strut bumper
Double rear 48" - powder coated aluminum hinges
2 grab handles - aluminum
Wilton all weather vise - rear bumper mounted (#1109515-276)
Rear observation camera - zone defense color led monitor system
Spray-on rubberized bed liner on floor and all side walls up to bottom of shelf
GO Model 7951 Remote Control Search Light on cab roof
(4) 12 volt 15amp Fuse panel - 2 Hot wired and 2 wired to ignition
3000 Watt Power inverter trip lite # PV 3000HF (WESCO)
(2) W 600 Amber Led Lights, 6 Amber Strobes - 4 rear and 2 front -Nova
Utility Vertical Rack - vertical mount curbside w/no SWM
Grote spot light #63121-5 on rear header curbside
American Van Freon Tank Tower mounted inside body
Back up alarm
Full Body - Paint yellow to match cab
MI STD Comp 14" 2 sides - aluminum hinges
D Ring Door hardware
Horizontal compartment slide out shelf 79" W C/S
Inside Compartment access S/S Plexi to horizontal compartment
Keyless entry ALL DOORS
Shelving: (1) Fixed Stationary Shelf S/S 14.50"
1 Row 10' Adjustable Shelves split into 2 sections
1 Add'l row of adjustable Shelves
Rubber overlay comp and shelf tops
Wilton 10400-AW35 vise mounted on top of passenger side rear bumper with a mount so it can be easily moved into a similar mount on the left side work bench inside box where vice can be used in both areas.
Spray-on rubberized bed liner on inside of cabinet doors above rear tires
Rope lighting in all cabinets wired to switch inside cab

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