

KANAWHA COUNTY COMMISSION

P. O. BOX 3627
407 VIRGINIA STREET, EAST
CHARLESTON, WEST VIRGINIA 25336
(304) 357-0117

Request for Bids

Re: Light Tower for the Kanawha County Commission Office of Emergency Services
Date: July 11, 2011
Fiscal Year: 2011-2012
Bid Opening: Bids must be received on or before Monday, July 25, 2011, at 11:00 a.m. in the Kanawha County Commission Purchasing Office, 407 Virginia Street, East, Third Floor, Room 229, Charleston, WV 25301 (P.O. Box 3627, Charleston, WV 25336)

INSTRUCTIONS TO BIDDERS:

***PLEASE USE THIS FORM AS THE COVER SHEET FOR YOUR BID**

1. Bids must be received in a sealed envelope with the date and time of the bid opening on the outside of the envelope. Faxed bids will not be accepted.
2. Bid must be F.O.B. Delivery Point, unless otherwise indicated in Proposal.
3. All bids should be signed and in ink, showing all facts and the total amount of the bid.
4. Once bids are unsealed, all bid documents become Public Record.
5. The County reserves the right to accept or reject in part or in whole any bid submitted, whichever is in the best interest of the County

Item No.	Description	Total Bid Amount
1	Two (2) Light Towers for the Kanawha County Commission Office of Emergency Services per the Attached Specifications	\$ _____

Vendor Name: _____

Signature: _____

Address: _____

Date: _____

Telephone: _____

ATTENTION VENDORS

Have you registered for the Kanawha County Commission Automatic Vendor E-Mail Notification System for bid specifications? Register by visiting our website @ www.kanawhacounty.com/purchasing/alerts.

SPECIFICATIONS

COUNTY COMMISSION OF KANAWHA COUNTY

CHARLESTON, WEST VIRGINIA

ITEM: Light Towers for the Kanawha County Commission Office of Emergency Services

LOCATION: Kanawha County Commission
407 Virginia Street, East
Charleston, WV 25301

CONTACT:

Jerie Whitehead Purchasing Director Kanawha County Commission 407 Virginia St., East P.O. Box 3627 Charleston, WV 25336 Telephone (304) 357-0115	Dale Petry Director Kanawha County Office of Emergency Services 407 Virginia Street, East Charleston, WV 25301 Telephone (304) 357-0101
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SPECIFICATIONS: The following specifications are intended to describe a light towers for the Kanawha County Commission and the details contained in these specifications are not intended to exclude any vendor from bidding, but are offered as a means of describing the needs of the Kanawha County Commission. All specifications are minimum requirements.

Specifications are to include but are not limited to the following:

1. Two (2) Magnum Light Tower MLT3080's (or Equivalent) per the attached
2. Delivery to Charleston, West Virginia.
3. Include details on warranty terms and conditions with your bid

REQUIREMENTS:

Real Estate and Personal Property Taxes: "No bid will be accepted or opened on any County contract if the vendor is listed on the last published list of delinquent real or personal property taxes in Kanawha County; however, the Commission will accept bids by vendors who provide satisfactory proof of payment of current taxes or a certification from the Sheriff that no taxes are due prior to submission of said bid."

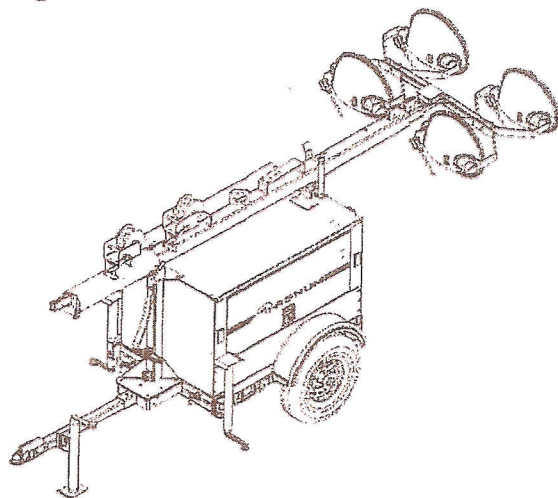
Required Forms: Vendor shall complete and submit, or have on file with the County, a Vendor Registration and Disclosure Statement Form.

Once bids are unsealed, all bid documents become Public Record. The Kanawha County Commission reserves the right to reject any and/or all bids and to waive any informality in bidding.

Magnum Light Tower – MLT3080 Specifications

ENGINE

- Mitsubishi® L3E-W461ML - liquid cooled, diesel engine
 - Standby - 12.2 hp @ 1800 rpm
 - Prime - 10.5 hp @ 1800 rpm
 - 3 cylinder
 - 0.95 L displacement
- Fuel consumption (prime) – 0.63 gph (2.38 Lph)
- 60 Hz engine/generator
- Industrial engine exhaust system
- Rubber vibration dampers isolate engine/generator from frame
- Cooling system capable of operating at 120°F ambient
- Full flow oil filter, spin on type
- Fuel filter with replaceable element
- Dry type cartridge air filter
- Polyethylene fuel tank with large diameter opening
 - 30 gal. capacity
 - 48 hr. run capacity
 - 3 ½" fill port



ENGINE CONTROLS

- Engraved, aluminum punched and anodized control panel
- Four position keyed switch – glow plugs (preheat, off, run, start)
- Hour meter
- Automatic low oil/high temperature shutdown system

GENERATOR

- Marathon Electric®
 - Brushless
- 8 kW standby output
- 120/240 VAC – 61/30A
- +/-6% capacitor voltage regulation

ELECTRICAL SYSTEM AND CONTROLS

- Individual floodlight circuits with 15A breakers
- Ballast indicator lights
- 30A start limit breaker (assures no load condition exists before starting)
- Standard individually breakered convenience outlets:
 - (2) 120 VAC 20 Amp GFCI duplex outlets (Nema 5-20R type)
 - (1) 240 VAC 30 Amp twistlock outlets (Nema L6-30R type)
- 440 CCA wet cell battery

FLOODLIGHTS

- Four light fixtures – 1000 watts each - metal halide
- Oval aluminum reflector
- Tempered glass lens
- Silicone gaskets for moisture and dust protection
- Individual floodlight On/Off switches

WIRING

- All wiring is sized to the amperage draw required
- AC & DC wiring diagrams are provided

MAST

- 30' maximum extension, 3-section, tubular steel
- Self-lubricating, graphite guides on all sides of mast tubes
- Industrial black powder coat finish
- Automatic locking system in horizontal position for travel
- 1500 lb. automatic self-braking winches
- 360° rotation with locking system
- Coiled mast cord
- Dual winch system located at ergonomic height allowing single person operation
- Equipped with single lifting eye and fork pockets

ENCLOSURE

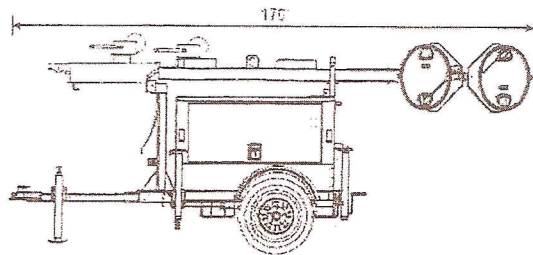
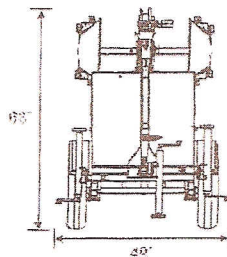
- Steel enclosure – 14-gauge
 - UV& fade resistant, high temperature cured, white polyester powder paint
 - 68 dB(A) at 23 feet – prime power
- Stainless steel hinges on doors
- Multi-lingual operating/safety decals
- License plate holder with light
- Manual holder with operating manual

TRAILER

- Mast support - 3" square tube, ¼" wall
- Removable tongue - 48" long
- Tubular steel frame - 3/16" wall
- Four, 2000 lb. adjustable leveling jacks – 4 point stance
- All jacks transport and lock in horizontal position for storage
- Side outriggers - 8' 1/4" span
- Safety chains with spring loaded safety hooks
- 2" ball hitch
- Single wall polyethylene fenders
- DOT approved tail, side, brake, and directional lights
 - Recessed rear lights
- 2200 lb. leaf spring axle
- ST175/80D13 – 6 ply
- 40.75 in. axle span

WEIGHTS & DIMENSIONS

- Dry weight: 1662 lbs (754 kg)
- Operating weight: 1875 lbs (850 kg)
- Mast stowed: 170 x 49 x 68 in (4.32 x 1.25 x 1.73 m)



WARRANTY

- Engine and generator covered under OEM warranty – consult factory for details.

CERTIFICATIONS

- CSA certified

MLT3080 Options

COOLANT OPTIONS

- ◆ 60/40 Coolant, 60% Ethylene glycol

ENGINE OPTIONS

- ◆ Heated fuel filter
- ◆ Oil drain valve kit
- ◆ Lower radiator hose – engine heater
- ◆ Cold weather belt

ELECTRICAL CONTROLS OPTIONS

- ◆ 720 CCA wet cell battery
- ◆ 720 CCA gel cell battery
- ◆ 685 CCA gel cell battery
- ◆ Battery disconnect
- ◆ Battery charger – 2A trickle
- ◆ Autolight controller

CABINET OPTIONS

- ◆ Interior cabinet light
- ◆ Level indicator

HITCH OPTIONS

- ◆ 2.5" lunette ring
- ◆ 3" lunette ring
- ◆ 3" HD lunette ring
- ◆ 2 5/16" ball
- ◆ Combination hitch – 2.5" lunette ring / 2" ball

TRAILER OPTIONS

- ◆ Tube and sleeve jack
- ◆ 6 pin or 7 spade connectors
- ◆ Spare tire and carrier
- ◆ Parking brake
- ◆ Electric brakes
- ◆ Surge brakes

LIGHT OPTIONS

- ◆ High pressure sodium, quick disconnect lights

MAST CORD OPTIONS

- ◆ Drape cord

MAST, WINCH, & FINISH OPTIONS

- ◆ Galvanized, manual, dual winch
- ◆ Galvanized, electric, dual winch
- ◆ Galvanized, electric, dual winch, quick disconnect
- ◆ Black, electric, dual winch
- ◆ Black, electric, dual winch, quick disconnect