

**CITY OF NORWICH  
INVITATION TO BID**

**BID NO. 6995**

**DIGITAL PLANETARIUM PROJECTION SYSTEM  
NORWICH PUBLIC SCHOOLS**

Sealed bids will be received at the Office of the Purchasing Agent, City of Norwich, City Hall Building, Norwich, Connecticut until 2:00 p.m. Prevailing time, TUESDAY, FEBRUARY 13, 2007 and will be publicly opened and read at 2:00 p.m. in the Finance Office.


Specifications and information for bidders may be obtained at the Office of the Purchasing Agent, City Hall Building.

**BID SURETY IN THE FORM OF A CERTIFIED CHECK OR BOND IN THE  
AMOUNT OF 5% OF SUCH BID IS REQUIRED.**

*Bidder is to submit bid on the attached forms and in the manner requested. Bids must be deposited with the Purchasing Agent before closing time. Bids transmitted by facsimile will not be accepted.*

The right is reserved to reject any or all, or any part of any or all bids when such action is deemed in the best interest of the City.

All Bids received must be in a sealed envelope. Each envelope is to be marked on the front with bid number and the bidder's name. All final awards of bid subject to comply with **Ordinance # 1235, adopted 12/3/91.**

  
WILLIAM BLOCK  
PURCHASING AGENT

**BID FORM MUST BE  
SUBMITTED IN DUPLICATE**

REQUEST FOR PRICES QUOTATION ONLY

Please return on or before:  
TUESDAY, FEBRUARY 13, 2007

2:00 p.m. prevailing time

**THIS IS NOT AN ORDER**

Item NO.	QTY	Description	Unit	Disc.	Total
		<p><b>DIGITAL PLANETARIUM PROJECTION SYSTEM NORWICH PUBLIC SCHOOL</b></p> <p><b>FURNISH, DELIVER, INSTALL, AND MAKE OPERATIONAL, A DIGITAL PLANETARIUM PROJECTION SYSTEM IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS.</b></p> <p><b>PRICE INSTALLED \$ _____</b></p> <p><b>WARRANTY _____ YEARS</b></p> <p><b>POST WARRANTY MAINTENANCE CONTRACT \$ _____ YR 1</b>                        \$ _____ YR 2                        \$ _____ YR 3</p> <p><b>UPDATE SUBSCRIPTION \$ _____ YR</b></p> <p><b>TRAINING COSTS, IF APPLICABLE \$ _____</b></p> <p><b>STATE SYSTEM MANUFACTURER</b>                      _____</p> <p><b>INCLUDE RELEVANT TECHNICAL LITERATURE ON SYSTEM YOU ARE BIDDING.</b></p> <p><b>TO ARRANGE A SITE VISIT, CONTACT PATRICIA GRONDIN, 860-823-4213 EXT. 3</b></p>			

1. All quotations should be returned to the City Purchasing Agent, City Hall Building, Union Square, Norwich, Connecticut 06360.
2. The right is reserved to reject any or all quotations, and unless specified by the vendor, to accept any item in the quotation.
3. Quotations should be on requested items only. If for any reason a vendor substitutes one item for another, he must so indicate on his quotation.
4. TAXES - Purchases made by the City of Norwich are exempt from the payment of Federal Excise Taxes, and the Connecticut Sales Tax, and such taxes must not be included in bid prices.

PLEASE SPECIFY:

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

Terms: \_\_\_\_\_

Firm Name: \_\_\_\_\_

Signature: \_\_\_\_\_

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

City of Norwich  
Division of Purchasing  
Union Square  
Norwich, CT 06360

Signed *[Handwritten Signature]*

## **General/ Overview**

Norwich Public Schools is seeking to procure a Digital Planetarium Projection System for use in its planetarium at Teachers' Memorial Middle School.

## **System Specifications and Requirements**

- The projection system chosen must be able to project to a fixed dome of six (6) meters.
- The selected system will consist of a single piece of equipment.
- The system will be able to demonstrate the motion of planets including annual motion, orbits, paths against the stars, etc.
- The system will be able to show and simulate celestial phenomena such as meteor showers and eclipses. It will also be able to simulate and display atmospheric effects.
- The system will have a database of 100,000 or more stars.
- The system will be able to show all the constellations as well as the entire celestial sphere. The field of view should be full sky, 180 degrees.
- The system will have the capability of zooming in on objects and labeling them for future reference.
- The system will provide the means for Norwich Public Schools to create, through a scripting language, their own shows and show video content.
- The system will have/include DVD/CD and computer inputs.
- The system will be able to be controlled and run from a personal computer (laptop) or via a hand held remote control.
- Updates will be provided on a regular basis.
- The system will be covered by a two-year or better warranty.

- Support will be available via telephone during normal business/school hours. Installation support as well as problem support will be available.

## **Other**

- The bid response should include, in addition to the cost of the planetarium system
  - Installation costs payable to the vendor, if any.
  - The yearly cost to renew the system warranty, if available.
  - The yearly cost for update subscriptions, if any, of extended warranties.
  - Training options for Norwich Public Schools staff and their costs.

## **Contacts and Questions**

If there are questions about these specifications, please contact:

Patricia Grondin  
Science Coordinator  
Norwich Public Schools  
Kelly Middle School Annex  
21 Mahan Drive  
Norwich, CT 06360

860-823-4213, option 3

- [pagrondin@norwichpublicschools.org](mailto:pagrondin@norwichpublicschools.org)