



March 4, 2014

The Honorable Bob Duff, Co Chair  
The Honorable Lonnie Reed, Co Chair  
Members of the Energy and Technology Committee  
Room 3900, Legislative Office Building  
Hartford, CT 06106

Re: Support HB 5172 Restoration of PUBLIC, EDUCATIONAL AND GOVERNMENTAL PROGRAMMING AND EDUCATION TECHNOLOGY INVESTMENT ACCOUNT (PEGPETIA) Funds

Dear Senator Duff, Representative Reed, and Members of the Committee,

I appreciate the legislators who submitted a number of bills to the Energy and Technology Committee as well as the Appropriations Committee on behalf of PEGPETIA funds restoration.

I am a lifelong resident of Wallingford, Connecticut, USA as are my two teenage children. I have the privilege of working for Wallingford based Discover Video LLC as Vice President of Sales. I am here today with Mike Savic, Vice President of Marketing and one of the principal owners. Discover Video is a Connecticut based high technology company with a focus on delivering video to help organizations improve communications and learning. We are helping schools and community access stations across Connecticut and Worldwide with our solutions.

Mike and I are here today as tax payers, business owners, as a voice for the vibrant Community TV stations throughout Connecticut and as an advocate for the many K-12 schools that we serve and aim to serve with our technology. We are here to join the chorus requesting that funding be restored for the public, educational, governmental programming and education technology investment account (PEGPETIA).

PEGPETIA has the following benefits to Connecticut residents:

- Assists Connecticut community TV stations and schools purchase technology equipment and services.
- Leverages a small cable TV tax that generates about \$3.5 million for distribution to schools and communities every year for said technology.
- Keeps Connecticut competitive in this global economy by empowering our children via a multitude of modalities. Video technology helps teachers keep students engaged. Video technology assists teachers and administrators execute on the promise of the twenty first century Common Core Standards.
- Has a well-defined process with a number of checks and balances. As an organization with experience working nationwide with school districts to secure funds for technology via a variety of federal and state programs, Discover Video can attest that PURA is administering the fund in an efficient and fair manner.
- We have attached a copy of the City of New Britain Public Schools PEGPETIA submittal, so that, you can see the many benefits of our system and to highlight the front end of the process required by PURA.
- I have also attached the compliance statements required by PURA post PEGPETIA funding from a number of schools. These statements clearly articulate the benefit of technology to teachers and students in the Connecticut classroom using PEGPETIA funds.
- Twenty one (21) school districts encompassing one hundred eighty eight (188) schools with more than 81,000 students are leveraging technology for an investment of less than \$1,500,000. I have attached a table depicting the school districts that benefiting from PEGPETIA just last year.

Impact to our school and community:

- The removal of the funds from this program and earmarking them into for the general fund for the next 2



years was a bad policy decision. This is another example of a tax established with a very positive purpose being redirected without much thought and consideration. I sincerely empathize with the complexity of the Connecticut state budget and appreciate your time today thoughtfully re-examining PEGPETIA funding.

- If the funds are not restored the Community Access stations will not have the funds to procure the technology and equipment they need in order to maintain the communication path between local government and the citizens of the great state of Connecticut.
- If the funds are not restored it will have a major impact on education in more that twenty (20) additional school districts waiting to apply for the funds as well as various community TV stations.

Impact to my business ([www.discovervideo.com](http://www.discovervideo.com)) :

- Discover Video (Wallingford, CT) is closely involved in this program as a technology vendor along with other Connecticut based reseller partners like HB Communications (North Haven), Connecticut Business Systems (Norwalk/Newington) and RnB Enterprises (Oxford).
- Discover Video is funded by Connecticut Innovations via a loan requiring principal and interest monthly payments.
- We expect to grow exponentially over the next 5 years.
- The principals of Discover Video are Richard Mavrogeanes (lifelong Wallingford resident) and Mike Savic (lifelong Hartford County resident). I have minority equity position in the company.
- Rich founded VBrick Systems, formerly a Wallingford headquartered company and grew from a one person Dayton Hill basement operation to over 125 Connecticut based employees from 1997 to 2008. Mike and I were key players in helping grow VBrick during that time period.
- We expect to do the same at Discover Video.
- While VBrick Systems (venture capitalist backed) has moved it headquarters to Virginia, Rich, Mike and I are committed to Connecticut.
- We currently have 5 full-time and 1 part time (my son) and plan to double our size every year.

#### Specific Example

I leave you with the story of the Consolidated School District of the great City of New Britain. When we called Christi Tilton, Media Specialist for New Britain High School to explain how our system could replace a non-working system that they had, she was in disbelief that a Connecticut based company could provide a very cost effective solution and that there was a Connecticut grant program to fund it. Less than a year later, you have in your hands a list of more the two dozen ways, technology funded by PEGPETIA, is helping just one of the twenty one school districts execute on education initiatives.

The PEGPETIA funds administered by PURA is one of those great programs where a small pot of money can provide huge payback to communities with varying demographics throughout the State of Connecticut.

Please contact me at (203) 314-5384 with any questions.

Sincerely,

Joseph S. Chordas  
Vice President of Sales & Lifetime Wallingford Resident

**STATE OF CONNECTICUT**  
**PUBLIC UTILITIES REGULATORY AUTHORITY**  
**Public Educational and Governmental Programming and Education**  
**Technology Investment Account (PEGPETIA) Grant Program**

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**PEGPETIA**

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1. Application
2. Instructions
3. Guidelines

Revised 4/18/2012

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## Application

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## PEGPETIA

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1. APPLICANT'S NAME	The Consolidated School District of New Britain (CSDNB)
2. MAILING ADDRESS	272 Main Street, P.O. Box 1960
MAILING ADDRESS, CON'T	
CITY, STATE, ZIP	New Britain, CT 06050
3. CONTACT NAME/TITLE	Jeff Prokop, Chief Information Officer
4. CONTACT PHONE NUMBER	(860) 832-4691
5. FAX NUMBER	(860) 832-4693
6. EMAIL ADDRESS	Prokop@csdnb.org
7. EMPLOYER TAX ID NUMBER (IF APPLICABLE)	22-2486319
8. AMOUNT REQUESTED (\$)	\$167,427.15
9. NAME AND TITLE OF AUTHORIZED INDIVIDUAL	Sharon Locke, Chief Academic Officer
10. SIGNATURE AND DATE*	

\*Under the penalty of law, I affirm that the information provided herein is true and correct to the best of my belief and understanding and that any errors of omissions will be timely corrected and resubmitted to the Public Utilities Regulatory Authority (PURA or Authority).

*Description and estimated cost associated with the PEGPETIA Grant Request:*

1 Describe fully the activity or project that the PEGPETIA Grant will cover

The PEGPETIA Grant request is for a Discover Video digital media/video distribution system for the Consolidated School District of New Britain (CSDNB) in New Britain, CT. The system will allow the CSDNB to deliver live and stored education media, enhance curriculum delivery, professional development for staff, expand connections to the community, improve communications between CSDNB students, faculty, and parents as well as enhance security.

The system provides for the distribution of live video from any location to classrooms, large TV monitors, LCD projectors connected interactive whiteboards, PCs, Macs, and wireless mobile devices including iPads, iPhones and Android devices. The system will be used to deliver live broadcasts of the local education TV channel, news broadcasts from our TV studio, morning announcements, and live events such as sports, plays, concerts, and special speakers.

DEVOS will also provide the school the ability to distribute recorded educational video content. Any event, model lesson, professional development or training session, sport, etc. can be recorded and delivered on-demand to students, teachers, classrooms, video monitors, and wireless devices. Students, teachers, and administrators will be able to create multimedia content using the Discover Video Multimedia Encoder (DVME). It can record video, audio, and PC/Mac screens to a high quality digital file which can be placed onto the DEVOS for distribution.

DEVOS also includes several other key features. First, it has a priority alert function built in which allows the school principal or security officer to send emergency information in the form of live video, stored video, audio, or text simultaneously to all classrooms and displays in common areas. In addition, DEVOS will deliver high quality video, slideshow presentations, text to large TV monitors in the schools with live or recorded content. Examples include but are not limited to public service announcements and age appropriate health information created via our partnerships with the New Britain Community Health Center, career videos and guest speaker content created via our partnership with the New Britain Hospital for Special Care, anti bullying messages and school safety announcements created via our partnership with the New Britain Police Department and their on-site resource officers, school sports schedule, lunch menu, school sports replay, concerts, public service announcements, etc. DEVOS can be used as an aggregator of educational content located outside the school on websites such as YouTube and iTunes. The DEVOS administrator will be able to designate various outside videos for in school learning and allow teachers and students to access these through the DEVOS portal (many schools block YouTube videos but the DEVOS can filter the content and bypass the block for specific content like Khan Academy). The DEVOS system will allow us to "curate" outside content by stripping out so-called related video and preexisting content.

The Discover Video video delivery solution will allow us to maximize our network infrastructure and the investment that we have made in computers, iPads, tablets, interactive whiteboards, projectors and other network connected devices. In addition, the system allows for delivery of video across our wired and wireless network. In the event that we desire to

stream, capture, and deliver when we are off the New Britain network, a cellular network can be leveraged.

#### Key Components and Key Features List:

##### DEVOS Storm Rack Server 16 - Media Server

- a Provides teachers with the powerful capability to have a channel for each class or subject matter that she is responsible allowing for content focused on each class.
- b Distributes live video to classroom PCs, Macs, interactive whiteboards, and mobile devices (iPad, iPhones, and Androids)
- c Stores and delivers recorded video to classrooms (all devices)
- d Sends Priority Alert video, audio, text to classrooms for emergency notification
- e Delivers live and recorded video to monitors/displays – used for delivering information to students in high traffic areas (cafeterias, lobbies, media centers)
- f Makes news and educational broadcasts available with the school from local TV, cable, and public Internet
- g Curates outside content from YouTube and iTunes for use inside the school for learning/education
- h Eliminates the need for old DVD players and VCRs – all educational content can be digitized and accessible anytime
- i Digitized assets can be tagged with a variety of key words allowing for easier search and thus higher usage.
- j Teachers can bookmark any asset once digitized providing for smoother integration into curriculum delivery.
- k Works on most school wired and wireless IP networks – no new cabling required
- l Can push or pull a live video stream to and from ARCUS. This allows parents, homebound students, residents in the community, or family members located in other parts of the country to view live events (i.e. graduation, the school play, sporting events) as long as they are connected to the public internet.

##### DVME, DVME Rover, and DVME Spirit encoders (software or installed on laptop/desktop computer platforms)

- a Allows each teacher to create/record their own multimedia content from their laptop whether connected to the network or not – lessons, events, etc. Teachers can create a video/multimedia lesson on their PC/Mac and upload to the DEVOS server to be viewed by students in school and at home.
- b Allows teachers and students to deliver live video/audio/desktop to classrooms and TV monitors
- c Converts camera video tapes or DVDs into digital files for DEVOS distribution
- d Provides a mobile broadcast studio for students to use to deliver news programs, sporting events, plays, concerts, graduation

##### Soft Top Decoder

- a Receives live and recorded video from DEVOS and displays it on large monitors in cafeterias, entrances, media centers

- b Receives slideshow presentations and displays messages such as event schedule, lunch menu
- c Receives emergency video/audio/text and displays it on large monitors

#### ARCUS

- a Takes live streams from the DEVOS/DVME and sends them on the Internet for viewing on PCs, Macs, and mobile devices outside the school (parents, grandparents, home bound students)
- b Records and stores video so viewers outside the school – students, parents, etc. – can view on demand if they are unable to watch an event live.

#### DV Webcast Studio Kit

- a Contains all the accessories needed to cost effectively set up a room for streaming and/or webcasting. Includes a Camera, 4 Input Video Switcher, UHF Wireless Lavalier Microphone System, LED Dual LED Light Kit, a 5' x 7' Botero Background (Green screen), Fluid Head Video Tripod, Camera and Accessory Bag, Remote Control for Powerpoint, 12' RCA Cable, 15' HDMI Cable, 1/4 to RCA Adapter, and a HDMI Adapter.
- b Affords the students the opportunity to learn elements associated with a video broadcast.
- c Provides teachers an environment for creating professional development material including curriculum delivery.

## 2 Explain how the requested PEGPETIA Grant will enhance community access programming

The Discover Video Media Distribution system (DEVOS, DVME, STB, ARCUS) is simple to use and will provide many benefits to CSDNB students, teachers, administrators, parents, extended family, and members of the community. Here is a list of these benefits:

- a Encourages active learning by enhancing the education process with multimedia. 21st century students grow up with multimedia in their personal lives and excel in school when multimedia is part of the education process.
- b Allows teachers to create multimedia lessons and deliver them to students inside and outside the school on most wired or wireless devices. This trend is referred to as “Flipping the Classroom” or “Blended Learning” and has been proven to improve learning as evidenced by improved student grades. CSDNB’s bring your own device guidelines allows the use of personal devices for educational purposes. This would enable students and staff to view content created from the PEGPETIA grant at their own pace for an individualized learning experience.
- c Pulls the community together by sharing key school events with all teachers, students, and families.
- d Improves teacher performance. DEVOS will be used to deliver teacher professional development programs that can be viewed by the teachers anytime, anywhere, on any device and are linked to the new teacher evaluation system being rolled out during the 2013-2014 school year.

- e Saves costs by eliminating older, worn out equipment such as DVD players, VCRs, or installed TV coax cable (All education material is delivered digitally over wired and wireless IP networks and in certain cases cellular networks).
- f Allows our school to deliver video morning announcements live or on-demand to all classrooms. Children and teachers pay more attention to the announcements and students learn to write copy, experience public speaking, and discover all the elements associated with broadcasting. From time to time, we may extend the delivery to parents and the greater community via the Internet.
- g Works with the new interactive whiteboards and iPads that the CSDNB recently invested in for various members of the faculty. The video management system will allow the district to maximize the network infrastructure benefiting the teachers, students, and community alike.
- h PCs, Macs, iPads, or devices students bring to school (BYOD – Bring Your Own Device) can access video from the proposed system.
- i Allows the CSDNB to safely curate external content from YouTube, iTunes, etc. Eliminates most commercials and so-called “related video videos” which may be inappropriate or a distraction to viewer.
- j Allows our school to track the viewing of all media which may help track required assignment and/or the media that is most popular and beneficial to the school.
- k Parents, extended family, and members of the community can view concerts, sports, news programs, and other events live or on-demand while at home, office, or traveling on business.
- l All existing digital content will be converted and placed on a DEVOS server for use by teachers and students. We will not need to replace the current educational material, just convert it to be used by our teachers and students.

3 Identify the geographical area(s) and/or school system(s) that are expected to benefit from the PEGPETIA grant

New Britain is located in Hartford County, Connecticut approximately 9 miles southwest of Hartford. Due to a highly transient population, the CSDNB is being realigned to provide neighborhood schools with an aligned core curriculum. Discover Video Media Distribution will provide the infrastructure to help facilitate professional development needed for this process and allow teachers to create engaging curricula that can be distributed across all schools in the district. Engaged students make for strong schools. Strong schools result in a stable community. The Discover Video Media Distribution will benefit the students and teachers in the CSDNB as well as the entire New Britain community.

4 Provide the total number of subscribers/students that are expected to receive benefit from the requested PEGPETIA Grant

The town of New Britain has a population of 73,215. The CSDNB is comprised of 10,053 students, approximately 1,000 teachers, and 17 schools. The CSDNB has been underfunded when compared to other school districts in CT and is considered a high priority school district. With a high poverty rate and highly transient population, the CSDNB is reforming to better meet the needs of the population. Discover Video Media Distribution makes asynchronous

communication, professional development and engaging curricula available to all stakeholders in the New Britain educational community.

5 Compliance with Docket No. 07-10-11, Section B,C, & D

This project addresses all of the DPUC criteria listed in Sections B, C and D in the decision in Docket No. 07-10-11, which established the administrative guidelines for the PEGPETIA Grant.

Section B – The requested PEGPETIA funds will be used to increase the quantity, quality, and variety of educational programming in the CSDNB. The combination of the DEVOS server, DVME encoders, ARCUS streaming, and DV Webcast Studio Kit will allow the school to create and distribute new programs such as morning newscasts, department lectures/instructional videos, sports, concerts, etc. The technology is simple to use which will encourage a large number of students and faculty to create high quality educational content and allow them to share it with a wide audience including students, faculty, administrators, parents, friends and the community.

Section C – The requested PEGPETIA funds will be solely used for creating and distributing school content. There will be no advertising, commercial content, or political advertising generated or used with the proposed media distribution system.

The equipment vendor(s) are committed to providing initial and ongoing on-site training and technical support. The system will be administered by the school IT department. The IT staff is qualified to use it and provide additional training to students and teachers. Currently, the CSDNB has classroom teachers, resource staff and IT department members that are fully qualified to create multimedia content that will be used for educational purposes. These staff members will also provide training to students and teachers on the system so that new programs can be created and distributed throughout the school and community via the Discover Video system.

Section D – This is our first application for PEGPETIA funds. We will not submit another application for 2 consecutive quarters and until the first application has been acted upon by the DPUC.

6 Provide the total estimated cost of implementing the project or undertaking the activity associated with the requested PEGPETIA Grant

This is a district wide project that we plan on implementing in two phases. We estimate that the total project will cost \$294,985.15. We are initially asking for approximately half of the total project cost to begin implementation in the district. With successful use, it is our plan to submit a grant request for the balance of the project when we are eligible to do so.

The total cost associated with this submittal is:

\$167,427.15

7 Provide a complete budget for the PEGPETIA Grant request

Capital Equipment	\$152,314.65
Installation and Training	Included
Maintenance	\$13,192.50
Internet Streaming Service	\$1,920.00

8 If applicable, indicate any additional funds from other sources that will be used to supplement the PEGPETIA Grant sought in this Application

The solution that will be funded via this PEGPETIA Grant request will work across the existing CSDNB network infrastructure that has been invested in over a number of years. Most schools are currently in the process of installing robust distributed wireless infrastructure. In addition, monies from the current and 2013-14 year budget includes devices such as ceiling-mounted LCD projectors in all K-8 classrooms which can be used to display video from the DEVOS system.

9 List of Vendors, equipment/services, and cost of items

This is a district wide rollout and the chart below reflects an equipment list that maps to the prioritization of each use case that the Discover Video system will be used for across our seventeen (17) schools.

Vendor	Product Code	Qty	Total Price	Priority
Discover Video	DVME Rover	5	\$14,975.00	High
Discover Video	DVME Rover - Maintenance - 1 Year	5	\$1,497.50	High
Discover Video	DVME Spirit 3	1	\$4,495.00	High
Discover Video	DVME Spirit 3 - Maintenance - 1 Year	1	\$449.50	High
Discover Video	DEVOS - Storm Rack Server 16	3	\$74,985.00	High
Discover Video	DEVOS Storm Rack Server 16 - Maintenance - 1 Year	3	\$7,498.50	High
Discover Video	DV Soft Top Box Compact PC HDMI	6	\$8,970.00	High
Discover Video	ARCUS Annual Streaming Service Business 1200GB-100GB	1	\$1,920.00	High
Discover Video	DV Webcast Studio Kit	1	\$3,995.00	High
Discover Video	Canon HF R300 Digital Camera	7	\$2,449.65	High

Discover Video	Hauppauge - USB Live 2	14	\$980.00	High
Discover Video	DEVOS - Storm Rack Server 2	3	\$26,985.00	Med
Discover Video	DEVOS Storm Rack Server 2 - Maintenance - 1 Year	3	\$2,698.50	Med
Discover Video	DVME Spirit 3	1	\$4,495.00	Low
Discover Video	DVME Spirit 3 - Maintenance - 1 Year	1	\$449.50	Low
Discover Video	DVME Rover	2	\$5,990.00	Low
Discover Video	DVME Rover - Maintenance - 1 Year	2	\$599.00	Low
Discover Video	DV Webcast Studio Kit	1	\$3,995.00	Low

10 Provide copies of all bids, estimates, prices, and supporting material

See Appendix A

11 Describe the experience of the Applicant in PEG-related activities, video production activities and grant administration, as applicable, include relevant reference(s).

The CSDNB currently has classroom teachers, resource staff and IT department members that are fully qualified to create multimedia content that will be used for educational purposes. These staff members will also provide training to students and teachers on the system so that new programs can be created and distributed throughout the school and community.

New professional development programs are being developed in conjunction with a new teacher evaluation program that will tie PD to the individual needs of the teacher focused on the students in the classroom at that time. These professional development programs will rely on asynchronous communication highly dependent on video delivery of content created by and for CSDNB educators.

12 Describe the Applicant's expectation to achieve from the successful implementation and completion of the project

The new Media Distribution System goals are as follows:

- a Create a daily news broadcast that will be streamed live to classrooms and recorded for on-demand viewing. Students will learn all aspects of news production which they can use in college and careers.
- b Deliver key events live throughout the school and on the Internet for students, parents, and friends to view.

- c Have teachers create multimedia school lessons that will be used in classrooms and at home for students to view and learn from.
- d Distribute important school information such as daily events, bus schedules, lunch menus, daily broadcasts, etc. to TV monitors in high traffic areas (cafeterias, entrances, media centers).
- e Deliver high quality professional development to teachers on demand where and when the teacher chooses. This will facilitate aligned curricula scope and sequence across all CSDNB schools and allow for individualized professional development that is guided by the students in the classroom that year and observations mandated under the teacher evaluation system rolling out for the 2013-2014 school year. The Discover Video system will allow instructional coaches to model instructional strategies and interventions based upon research based best practices.
- f Deliver emergency announcements to classrooms via video/audio/text.
- g Distribute education cable TV channels to classrooms over IP network for enhanced instruction.
- h Enhance the learning process by providing students access to live and recorded multimedia educational material on wireless devices such as iPads, iPhones, etc.
- i Have teachers create professional development modules in the same studio used by students for the daily morning announcements.
- j Create grade-level and content area channels which will be linked to curriculum units and activities in Build Your Own Curriculum. Build Your Own Curriculum is a web based resource that contains all curricula for all courses taught in the district, Pre-K through grade 12.
- k Fulfill the district's high priority goal of maintaining consistent aligned Pre-K through grade 12 curricula which includes high quality video resources.

The performance of this system will be measured in the following manner:

- a Student grades. We expect that students will absorb more information and subsequently achieve higher grades in classes that utilize the Discover Video system.
- b Student morale. We expect the students to be more enthused by participating in the multimedia learning environment. Allowing the students to use their own devices or devices provided by the district will increase morale and create excitement in the education process.
- c Lowering equipment maintenance costs. Currently the school is using aging DVD players and VCRs that are failing. By converting to a full digital system, DVD player and VCR maintenance will be eliminated.
- d Performance of homebound students. The school will monitor the performance of homebound students to see if their grades/morale increase. Key events and educational material will be made available to students not able to attend school for illness or other reasons.

- e Parental and community involvement. Parents and the community at large will be able to view key events from outside the school and therefore feel more in-tune with their children's activities and learning process. We will survey the parents to determine if the new Discover Video system has had a positive impact on the entire family.
- f Professional Development. The district has struggled to provide relevant consistent professional development across the whole district. Monitoring the impact of professional development sessions has been difficult due to inconsistencies in delivery and attendance. By providing a tool for asynchronous consistent delivery, the district can accurately review the impact of Professional Development allowing for continuous measured improvement.

13 What steps will the Applicant take to ensure that the project's objectives are met?

The Superintendent of Schools and principals of each school will be responsible for meeting the objectives. They will monitor the progress of the media system in the following manner:

- a Ensuring that the system is fully functional 3 months after awarding the contract to the selected vendors. At that time, we will expect to be able to deliver school news programs, cable TV, and recorded educational content to classrooms, school TV monitors, and parents at home.
- b Ensure that key teachers in each department are trained on the system and are creating educational content within 3 months of implementation.
- c Ensure that 50% of our DVDs/VHS tapes are digitized and available for on-demand viewing through the media system within 6 months of implementation.

14 Provide the name and address of any partner organization. Include a letter or statement indicating that the partner has agreed to take part in this project.

It is our intention to develop partnerships with the following groups: New Britain Police Department, Central Connecticut State University and the Community Health Center of New Britain.

New Britain Police Department  
10 Chestnut Street  
New Britain, CT 06051

Central Connecticut State University  
1614 Stanley Street  
New Britain, CT 06050

Community Health Center of New Britain  
110 Mill Street  
New Britain, CT 06051

15 Explain the role of the partner organization in the project or activity.

- a New Britain Police Department and designated school resource officers - will work with students to create public service announcements and videos on topics including but not limited to: school safety, bullying, online safety etc.
- b Central Connecticut State University - There is a current partnership between the Central Connecticut State University and the CSDNB through the Collegiate Awareness and Preparation Program (ConnCap). ConnCap will work with alumni and current students to create college readiness and career videos. College readiness videos may include any of the following: interviews on being a successful student, what skills you need for college, what the college experience is like, resources available to students.
- c Community Health Center of New Britain - The Community Health Center has four locations three of which are housed within CSDNB schools. They are housed at New Britain High School, Roosevelt Middle School and Smalley Academy. The Community Health Center of New Britain would work with students to communicate their services at all elementary, middle and high schools. Provide Public Service announcements and health information appropriate to the various grade levels and information for families.

16 Provide any other information that the Applicant believes will exemplify the benefits of the project or activity.

The CSDNB has been flat funded for several years resulting in high class sizes and a reduction in the district's ability to provide students with resources and opportunities more readily available in more affluent communities. Funds from the PEGPETIA grant will provide access to resources previously not available to the CSDNB. Funding from the PEGPETIA grant will have a tremendous educational benefit to the students, teachers and families of the CSDNB and will strengthen the district's connection to the community at large.

**TO: PUBLIC UTILITIES REGULATORY AUTHORITY  
TEN FRANKLIN SQUARE  
NEW BRITAIN, CT 06051**

**DOCKET NO. 13-04-25**

**APPLICATION OF THE CONSOLIDATED SCHOOL DISTRICT OF NEW BRITAIN (CSDNB) FOR A  
PUBLIC, EDUCATIONAL AND GOVERNMENTAL PROGRAMMING AND EDUCATION TECHNOLOGY  
INVESTMENT ACCOUNT (PEGPETIA) GRANT**

Order 4

No later than January 20, 2014, the Grantee shall file with the Authority a list of educational initiatives and classes generated from the grant.

The following initiatives and classes have been generated from the PEGPETIA grant.

- Live streaming to administer the da Vinci Bowl questions
- New Britain High School Course: Digital Video Production School News
  - Students practicing to go live with morning announcements
  - Set up production studio with lighting, green screen and broadcast desk
  - Students filming guest speakers, editing the video and uploading for viewing
  - Video Channel created to play all Hurricane Happenings, NBHS news
- Staff development videos posted, publicized and viewed
- Videos highlighting The House of Arts and Letters Sciences Academy reading initiative uploaded and linked to via District Facebook page and HALS News Ticker
- Currently digitalizing New Britain High School video collection
- Video Channel created for New Britain High School extended homerooms
- Video Channel created for The House of Arts and Letters Sciences Academy
- Planning for video signage, and public service announcements with the health academy, finance academy, health clinic and others
- District technology and curriculum interventionist teachers have received training on the equipment and Discover Video software
- New Britain High School Career Technology Education department head, Media Specialist, and Digital Video Production teacher have received training on the equipment and Discover Video software.
- Training being planned
  - train the trainer phase initiated at DiLoreto
  - transfer existing district analog resources to digital format
  - creating school, department, and content specific channels
  - utilizing video signage and emergency broadcast
  - train middle school library media specialists and computer teachers

- additional high school library media specialists
- Initiatives in the planning process pending the completion of the seamless wireless infrastructure at the high school
  - Streaming and/or posting New Britain High School sporting events
  - Streaming and/or posting the New Britain High School graduation

Executive Secretary  
Ten Franklin Square  
New Britain, Connecticut 06051

**DOCKET No. 13-24-08      APPLICATION OF ROCKY HILL PUBLIC SCHOOLS FOR A PUBLIC,  
EDUCATIONAL AND GOVERNMENTAL PROGRAMMING AND EDUCATION  
TECHNOLOGY INVESTMENT ACCOUNT (PEGPETIA) GRANT**

**TITLE: APPLICATION OF ROCKY HILL PUBLIC SCHOOLS FOR A PUBLIC, EDUCATIONAL AND GOVERNMENTAL  
PROGRAMMING AND EDUCATION TECHNOLOGY INVESTMENT ACCOUNT (PEGPETIA) GRANT**

**ORDER NUMBER:4**

Submission Date: 2/25/2014

Dear Executive Secretary:

The following is an overview of Rocky Hill Public Schools' programming and classes information per Order #4 which states: "No later than February 25, 2014, the Grantee shall file with the Authority a list of programming and classes generated from the grant.

*Programming and Classes Generated from the PURA Grant Order #4:*

*Rocky Hill Public Schools recently received and had installed and configured a new video distribution system. The system consists of a video server, hardware and software based multimedia encoders with desktop-capture capabilities, cameras and microphones. The system is accessible at all of our schools. It allows teachers and students to combine high-definition video, audio, and what is displayed on the computer screen and delivers it as a single video stream that can be easily viewed on televisions, computers, tablets, and mobile devices. Teachers and students are able to create compelling video content that can be shared live or recorded and viewed over the local network and the Internet.*

*The system was installed in January. In February, the technical support staff (persons responsible for its implementation), the Instructional Technology Facilitator and two Technical Education teachers have received a couple of training sessions to learn the system. Although further training is needed, the district has already begun to implement and plan video distribution.*

*At the Griswold Middle School, a video club uses the system for streaming daily morning announcements which benefit the entire school as a communication tool. Morning announcers*

*are student volunteers from 6th, 7th and 8th grades and include special needs students. The tech crew who run the controls are also student volunteers but usually a group of experienced 8th graders. A similar structure, including a video club, is currently being established for morning announcements at Rocky Hill High School.*

*In February, the system was used to record professional development content from which videos were produced. The videos are stored on the "PD Channel" on the system from where they are accessible district-wide. For external access to videos, the district has created a "WebTV" Channel on the district's private web site for teachers and staff to access professional development from home. The district will continue to create professional development videos which will be accessible via the "PD Channel".*

*In March and April, West Hill Elementary School and Rocky Hill High School will be hosting a guest speaker who will provide informational forums for parents. The guest speaker is a Rocky Hill Police Department Detective and the forum will discuss and present information for parents regarding Cyber safety, including Cyber Bullying. The system will be used to record the forums and store the video on the planned "School Community" channel, which may be streamed on-demand by teachers in the district. The video will be accessible (via a link on the district's web site) to parents in the community who were not able to attend the forums.*

*As the district receives more training and becomes more familiarized with the new video system, more programming and channels will be generated.*

An electronic version has also been filed through the Authority's website at [www.ct.gov/pura](http://www.ct.gov/pura).

Submitted By Name: Jahala Grous, Technology Coordinator

Submitted By Company: Rocky Hill Public Schools

Phone: 860-258-7777

Email: [grousj@rockyhillps.com](mailto:grousj@rockyhillps.com)

2/24/2014

To: Executive Secretary  
PURA  
Ten Franklin Square  
New Britain, Connecticut 06051

From:  
Jennifer Sarafin  
Newington Public Schools  
605 Willard Avenue  
Newington, Connecticut 06111

RE: February Update  
**DOCKET NO. 13-06-26**

Dear Sir or Madam,

Newington Public school has recently just been able to begin initiatives for our Discover Video Program. We have had initial training and have formed a second training group where we will begin a blended learning initiative where families can have access to content and see what their children are doing in school. We have distributed equipment to our middle schools where they are going to transfer and update their morning announcement broadcasts and we are making it accessible to the community through the website as well as through our video portal. Currently students have formed a group and are learning the technology and recording sports activities and school events that will be posted on the website and the video portal. They are also creating content for community outreach where they are editing video and showcasing what is happening in the school.

We have begin a district-wide initiative for flipped classrooms and blended learning where each school will have various tools and content posted for each subject area. We have also begun posting content for professional development and district updates.

I apologize for the tardiness of this correspondence; the transition coupled with the snow days and February vacation were a hindrance.

Regards,  
Jennifer Sarafin  
Teacher in Residence  
Newington Public Schools

Docket No. 13-06-35

Norwalk Public Schools (PEGPETIA) Grant

Order number 4

February 11, 2014

To Public Utilities Regulatory Authority:

The educational initiatives and classes generated from the grant:

A Social Studies elective has been created entitled Broadcast Journalism. There are currently two full year classes running in this program. There are 56 students taking this elective. The grant has allowed the class to develop the skills to research, create and broadcast the news of the school as well as create segments that highlight the many aspects of our campus life.

Other educational initiatives that are being generated from the PEGPETIA grant are school wide coverage of sporting events with live streaming as well as prerecorded broadcasting of other school events. This event includes academic endeavors and afterschool clubs and activities.

We are also working on a promotional video for our NEASC accreditation. This video will be used in 8<sup>th</sup> grade orientation as well. The funds from the PEGPETIA grant have given us the ability to facilitate these programs.

Sincerely,

Kyle B. Seaburg

Norwalk High School

Social Studies Department



**PEGPETIA Grant Awards in 2013 for Video Technology**

<b>Opportunity Name</b>	<b>Town Population</b>	<b>Town Schools</b>	<b>Student Population</b>	<b>PEGPETIA Stage</b>
Litchfield Schools	1,236	10	1,951	PEGPETIA Secured
Bethany Schools	5,040	2	938	PEGPETIA Secured
Wolcott TV	15,215	N/A	N/A	PEGPETIA Secured
Weston Public Schools	10,037	4	2,553	PEGPETIA Secured
New Britain Schools	73,153	25	10,768	PEGPETIA Secured
Bethel Schools	18,067	7	3,042	PEGPETIA Secured
Brookfield	15,664	9	2,898	PEGPETIA Secured
New Canaan Public School	19,395	7	4,077	PEGPETIA Secured
Saint Mary School	N/A	1	103	PEGPETIA Secured
Rocky Hill Schools	17,966	7	2,640	PEGPETIA Secured
St. Mary Magdalen	N/A	4	1,906	PEGPETIA Secured
Region 4 Schools	11,195	19	6,801	PEGPETIA Secured
Darien Public Schools	19,607	8	4,784	PEGPETIA Secured
Plymouth Public Schools	11,634	4	7,975	PEGPETIA Secured
New Fairfield Schools	13,953	4	3,029	PEGPETIA Secured
Newington Schools	30,562	9	4,470	PEGPETIA Secured
Old Saybrook Schools	10,367	7	1,597	PEGPETIA Secured
Wallingford Public Schools	45,135	21	6,657	PEGPETIA Secured
Norwalk High School	87,190	21	10,620	PEGPETIA Secured
New London Schools	27,707	16	3,776	PEGPETIA Secured
Stonington Schools	925	3	505	PEGPETIA Secured
<b>Total</b>	<b>434,048</b>	<b>188</b>	<b>81,090</b>	<b>\$1,489,349.34</b>



**PEGPETIA Grant Requests in 2014 for Video Technology**

<b>Opportunity Name</b>	<b>Town Population</b>	<b>Town Schools</b>	<b>Student Population</b>	<b>PEGPETIA Stage</b>
Hamden Schools	56,913	27	7,855	PEGPETIA Interest
North Haven	23,035	10	4,007	PEGPETIA Interest
Ridgefield Schools	23,643	13	5,442	PEGPETIA Interest
Naugatuck Schools	31,774	15	4,884	PEGPETIA Interest
Plainville Schools	17,328	7	2,536	PEGPETIA Interest
Bethel Schools	18,067	7	3,042	PEGPETIA Interest
Region 1 Schools	15,000	7	2,259	PEGPETIA Interest
Branford Public Schools	28,683	9	3,502	PEGPETIA Interest
Glastonbury Schools	31,876	10	6,171	PEGPETIA Interest
South Windsor Schools	24,412	8	4,654	PEGPETIA Interest
Weston Public Schools	10,179	4	2,553	PEGPETIA Interest
Granby Schools	10,347	10	2,271	PEGPETIA Interest
New Britain Schools	73,153	25	10,768	PEGPETIA Interest
East Windsor Schools	9,818	3	1,013	PEGPETIA Interest
<b>Total</b>	<b>374,228</b>	<b>155</b>	<b>60,957</b>	<b>\$1,228,056.85</b>