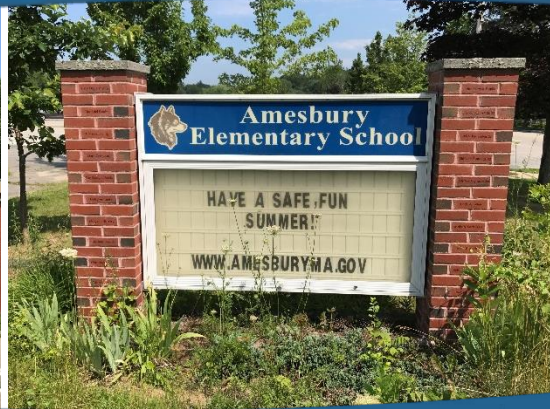




RESPONSE TO REQUEST FOR SERVICES

# Owner's Project Manager for Amesbury Elementary School

August 7, 2017



Submitted By:  
NV5, Inc.  
44 Pleasant Street  
Watertown, MA 02472  
Phone: 617.744.3110



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August 7, 2017

Joan Liporto  
Director of Finance & Operations  
**Amesbury Public Schools**  
5 Highland Street  
Amesbury, MA 01913

44 Pleasant Street  
Watertown, MA 02472  
Office: 617.744.3110  
Fax: 617.924.3800  
Offices Nationwide | NV5.com  
Construction Quality Assurance  
Infrastructure  
Energy  
Program Management  
Environmental Engineering

## RE: Owner's Project Manager for Amesbury Elementary School

Dear Ms. Liporto and Amesbury School Building Committee:

Thank you for this opportunity to submit our proposal to provide Owner's Project Manager (OPM) Services for Amesbury Elementary School. As you review our qualifications, we hope you see not only that NV5 is an **experienced OPM firm**, but, more importantly, that we are committing an **experienced OPM team** to this project.

NV5's OPM team is eager to undertake the work of the feasibility and schematic design phases for the Amesbury Elementary School project. We recognize the urgency of addressing the severe overcrowding and obsolete facilities and look forward to bringing our expertise to the table to benefit this long-awaited undertaking.

### Firm Organization & History

**NV5**, formerly known as Joslin Lesser + Associates, Inc., was **established in 1983** as a Massachusetts corporation specializing in providing **Project Management** services to Owners of public construction projects, with a particular focus on **K-12**, municipal and higher educational facilities.

Despite our name change in 2015, we continue to offer our clients **deeply-rooted local knowledge** and experience in the Commonwealth as providers of technical and management expertise in all aspects of building projects. Now part of NV5 Global, our parent company, we offer our clients the **additional resources of a national network of experts** in architecture, engineering, scheduling, environmental services, materials testing, building information modeling (BIM), and more.

### Distinguishing Characteristics

- We **LISTEN** first and will be an extension of and partner on your team, executing the project in alignment with your philosophies, not our own pre-set agenda

### Acknowledgements

- NV5 has read and accepts the RFS
- We have read and accept the Contract for Project Management Services included in the RFS

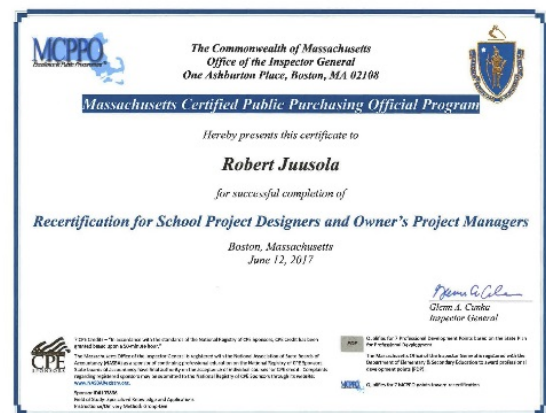
### Qualifications

- Local providers of OPM Services in Massachusetts since 1983
- OPM for 28 MSBA K-12 projects, including 20 core projects
- OPM for \$2.2 B and 4.5 million SF of public construction in Massachusetts this decade – we know the market!
- OPM for 30 projects utilizing CM at Risk (M.G.L. Chapter 149A)
- National provider of technical consulting for 68 years, now ranked 54 on the ENR Top 500 Design Firms list

- Our **“whatever it takes”** approach is contagious and invigorating
- We are **proud** of and **passionate** about our focus on public school projects in Massachusetts
- We **focus on efficiency** for ourselves and the entire team – which translates to **cost savings**
- We **foster a strong team approach**, which allows for **collaborative** problem solving, creativity, and quality
- We will work tirelessly with the **Amesbury School Building Committee** to ensure the needs and expectations of the community are exceeded
- Our team members are experts in **MSBA protocols and procedures**

## Minimum Requirements

We certify that we meet the minimum requirements specified in Item 4 of the RFS. Our proposed Project Director, **Robert Juusola, AIA, LEED® AP** is a **registered architect in Massachusetts with more than 30 years of experience** designing and managing public K-12 projects in the Commonwealth. **MCPPO certified since 2007**, Rob is an integral part and senior member of our OPM team. His projects include the new \$73 million Lunenburg Middle/High School and \$38 million Angier Elementary School in Newton, both MSBA-funded projects completed in 2016, and the \$15.7 million renovation of the Stratton Elementary School and \$27 million renovation of the Gibbs School, both for the Town of Arlington.



## Primary Contact

As Managing Director of NV5's Program Management office in Massachusetts, I am authorized to negotiate and execute contracts and am responsible for quality control and resource management of our team. If you have any questions, please do not hesitate to contact me.

Thank you again for this opportunity. We can assure you of our capacity to support, and our commitment to, this project. We trust you will find our proposal both responsive and competitive, and we look forward to the opportunity to discuss it at greater length with you and your team.

Sincerely,

**Chris Guarino, LEED® AP BD+C**

Managing Director – Program Management

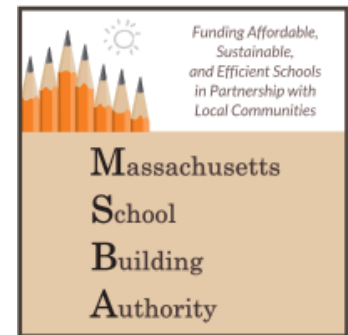
**NV5, Inc.**

Phone: 617.744.3113 | Mobile: 917.471.1509 | Email: [Chris.Guarino@NV5.com](mailto:Chris.Guarino@NV5.com)



## I. Past Performance & Working Relationships

NV5 has provided OPM services on more than 100 public building projects in Massachusetts. In the past 6 years alone, this number totals 35, and includes **20 core MSBA K-12 facilities**. Fourteen of these schools have opened for students; the remaining are in either feasibility or under construction. Our OPM portfolio also includes 10 MSBA accelerated repair projects (roofs and boilers). NV5 has received MSBA Board approval on 100% of our projects, and we have a 100% on-time submission record of transmitting monthly reports to the MSBA.



A large proportion of our work is for repeat clients, including the Town of Wilmington, the City of Newton, the City of Revere, the Town of Arlington, the City of Chicopee, and the **University of Massachusetts Building Authority**, with whom we have had a continuous relationship since 1984, providing OPM services on more than 100 projects on the University's Amherst, Boston, Dartmouth, Lowell and Worcester campuses.

We are proud of the relationships we have developed with construction managers, general and trade contractors, architects, and engineers over the past three decades. **We have worked in more than 30 communities across the Commonwealth** with Mayors, Town Managers, Superintendents, Public Facilities Administrators, School Committees, Permanent and Ad-Hoc Building Committees, and other local boards and commissions. References can be found both in Attachment C (by project) and in Section 5 of the Evaluation Criteria (by team member).

As OPMs, NV5 has a 35-year history in Massachusetts of not only bringing projects in **on-time and on budget**, but frequently bringing them in ahead of schedule and well under budget, as these three recent projects demonstrate:

- Thurgood Marshall Middle School in Lynn was completed in April 2016, **5 months ahead of schedule** and **\$7M under budget**, and was awarded **2017 Project of the Year – New Construction under \$100 Million** by the New England Chapter of the Construction Management Association of America.
- Lunenburg Middle/High School, which opened for students in January 2017, was completed on time and **\$3M under budget**.
- Greater Lowell Regional Technical High School, Tyngsboro, MA, opened in September 2015, a full **12 months ahead of schedule** and **\$5M under budget**. Project savings were used for



additional scope, including a major renovation of the swimming pool and rehabilitation of the parking lot.

## 2. Knowledge of Massachusetts Codes & Regulations

Having managed the design and construction of more than \$2.5 billion of public facilities in Massachusetts, NV5 has exhaustive knowledge of the statutes and regulations governing those projects. Both Rob Juusola (#6264) and Tom Murphy (#8958), our proposed Project Director and Project Executive respectively, are architects registered in Massachusetts; our Senior CM Specialist Bill Cunniff has a Massachusetts Builders License.

Together, this core team has more than 100 years of combined experience as design, construction and OPM professionals in Massachusetts. Their expertise regarding the State Building Code, regulations such as the Massachusetts Architectural Access Board and the Americans with Disabilities Act, and regulatory restrictions such as the Wetlands Protection Act, will ensure that the school we help you create is **safe, energy efficient, and accessible** to all.

NV5's Boston, Andover, and Woburn offices offer Massachusetts building and energy code expertise as it relates to **mechanical, electrical, plumbing, and fire protection systems**. Our OPM team will rely on these additional resources, which includes 150 engineering professionals, whenever the need arises.

## 3. Knowledge of Procurement Laws

NV5 is thoroughly familiar with the 2004 Construction Reform Laws, including both **CM at Risk** (Chapter 149A) and **General Contractor** (Chapter 149) construction delivery methods, as well as Chapter 30 requirements for **FF&E/IT**. We have developed best practices for adhering to all legal and administrative requirements so that every project we manage, and every client we serve, benefits from **quality construction, open procurement, and fair labor practices**, as the law intends. Having provided OPM services 30 public projects in Massachusetts using **(CM) at Risk** and more than 100 using the **General Contractor** method, we have the depth of experience to understand the benefits, and limitations, of each. We have also managed the **Designer Selection Process** for 20 MSBA core projects.

The majority of our OPM staff, including **all six core members** of our proposed team, are **MCPPO certified**.

## 4. Management Approach

Our management approach – and everything we do - is rooted in frequent, transparent, and proactive **communication** and reporting. Our project controls processes and procedures are focused on tracking large amounts of technical information and presenting it in concise and readable reporting formats. Throughout planning, design and construction, we keep the budget and schedule on track and all stakeholders informed with up-to-date information.

NV5 values a collaborative project management process built on **teamwork** and transparency, bringing the Owner, Consultants and Contractors to the table with the Design Team, from the early phases of design through project close-out. Including all parties from the beginning ensures decisions are considered from all angles and made based on the entire picture.

The NV5 team will work collaboratively with the Amesbury SBC, the City of Amesbury, the School Committee, and the District, as well as neighbors, parents and students, to ensure that key stakeholders are fully engaged throughout the process.

### Keys to a Successful Collaborative Project

- **Strong leadership** from the NV5 team.
- Establish **clear project goals** and communicate the goals to the entire team.
- Be ready to make **timely decisions**.
- Strong, consistent and frequent **communication** through meetings, calls, minutes, and reports.
- Selecting the right General Contractor/CM – We will work with you to evaluate the pros and cons of your options for contracts and **delivery methods**.
- Developing a **project schedule** that supports the collaborative approach with proper reviews and input.

### Communication Tools

- **Strategic Kickoff Meeting** As a standard first step, we lead a client expectation meeting once all key consultants and project partners are on board. At this time, goals and concerns from different perspectives are discussed, and we have a clear moment in time to set expectations.
- **In-Person Meetings** Organized, face-to-face meetings often offer the greatest efficiency in the decision-making process, so we make them happen consistently.
- **Monthly Progress Reports** NV5 provides regular progress reports which include the status of the project, current budget, updated master schedule, updated milestone schedule, and progress photographs. Outstanding issues or problems are identified, along with strategies to resolve them.
- **Community Outreach** Our community outreach efforts focus on ensuring safety, minimizing disruption, and managing expectations. NV5 assists in scheduling and participates in community meetings in order to hear and respond to concerns from residents and to keep them informed. We also use brochures, social media and dedicated websites to disseminate schedules, meetings, project milestone accomplishments, and important documents and to provide a platform for the community to interact with the project team and to voice their opinions on an informal level. Please feel free to visit some of the community sites we are managing by going to: <http://cabot.projects.nv5.com/> or <http://zervas.projects.nv5.com/>.

### Efficiency is our favorite word!

- **Software Management Tools:** In addition to Microsoft Office suite and other standard business programs, our team uses industry specific software solutions, including **budget4cast** for transparent budget management and **Primavera** for detailed scheduling.
- **Virtual Meetings:** In addition to in-person work sessions, conference calls and GoTo Meetings allow us to have regular contact and additional opportunities for decision making in between.
- **Cloud Based File Sharing:** We maintain electronic files for all project documentation and can provide access to all stakeholders with graduating levels of permissions, access and editing rights.

### Schedule Development and Management

The cornerstone of an effective management plan is the budget and schedule. During feasibility, we work with the Designer to develop a preliminary project schedule and to ensure that we are meeting all of the MSBA milestones. We work in collaboration with the Project Team to reach consensus on a Master Project Schedule that identifies all critical tasks, including design, bidding, construction, commissioning, procurement of furniture, fixtures and equipment, start-up, and occupancy, and we review the schedule with the Project Team on a regular basis to ensure that project tasks are completed on a timely basis.

We ensure that the Contractor provides a CPM (Critical Path Method) schedule, clearly identifying project milestones, long-lead items, dependent activities, float times, and contingency plans, and that the CPM schedule is incorporated into the Master Project Schedule so that all milestones are aligned and easily tracked. During construction we ensure that the Contractor updates the CPM on a monthly basis. Should our monthly review of the CPM schedule show any slippage, we direct the Contractor to provide a schedule-recovery plan.

### Budget Development and Management

We manage the budget from the inception of the project. During the Feasibility Study, we outline projected costs based on initial programming information. During Schematic Design, NV5's cost consultant (or CM at-Risk team) prepares a cost estimate that is reconciled with the Designer's estimate. This reconciled estimate provides the basis for the overall project budget. At various points during design, additional cost estimates are undertaken to keep the design within budget. NV5 manages the cost reconciliation process, to make sure that when bids are received they will be within budget. NV5 continues to manage the budget throughout the project, tracking all hard and soft costs, including all project commitments and expenditures-to-date. We also provide projections of potential additional costs in order to assess financial risk and exposure, and continually update the formal budget on a monthly basis. If the CM at-Risk construction delivery method is used, we review and monitor the transparent, "open book" aspect of this approach. We ensure that the



project is protected against early-recovery cost loading and rigorously review Change Order Requests to ensure that they are reasonable and that full value is received by the Owner.

## Quality Management

Excellent documentation in the form of specifications and drawings is critical to the quality of the final product. NV5 is proactive during design to ensure that the documents are consistent and accurately reflect what the Owner intends, which is critical to avoiding potential change orders and project delays. NV5 reviews the final Contract Documents to identify any issues with regard to compliance, coordination, constructability and claims avoidance. During construction, our team, including our full-time Project Representative, diligently reviews project progress on a daily basis so that any potential issues can be resolved before they can become problems.

## 5. Key Personnel: Experience

### Organizational Chart

Please refer to Attachment C for our proposed team organization chart.

### PRINCIPAL-IN-CHARGE (5%)



**Chris Guarino, LEED® AP BD+C** - As Managing Director of NV5's OPM office in Massachusetts, Chris provides quality control oversight and support for our teams, ensuring they are properly staffed, providing the services to which we have committed, and always looking down the road toward critical schedule milestones. From 2011 until 2016, Chris was the Project

Director for all education projects undertaken by NV5's OPM office in Colorado, during which time he managed a dozen PreK-12 public school construction projects. For two years he served as the Chair of the Green Schools Initiative for the State of Colorado and also served as an advisor to the State's Building Excellent Schools Today (B.E.S.T.) grant program.

#### Reference

Lee Pouliot  
Director of Planning  
City of Chicopee, MA  
P: 413.594.1515

### PROJECT EXECUTIVE (10%) *Coordination with MSBA*



**Thomas Murphy, AIA, LEED® AP, MCPPO** - Tom has more than 30 years of experience designing and managing private and public construction projects across Massachusetts. After a 20-year career as an Architect, Tom joined NV5's Watertown OPM group in 2010. Since then he has managed more than \$300M in MSBA core K-12

projects, totaling more than 700,000 SF of additions, renovations and new construction, including Longmeadow High School, Stoneham Middle School, Grafton High School, a new elementary school in Harvard and two elementary schools in Newton. Tom is the Co-Chair of an MSBA

#### Reference

Josh Morse  
Commissioner of  
Public Buildings  
City of Newton, MA  
P: 617.796.1600

advisory committee of OPMs, Designers, and Contractors. In 2015, he designed at the request of the MSBA, a presentation on Strategies for Efficient Closeout of MSBA projects.

## PROJECT DIRECTOR (50%) *Day-to-Day Management/Budget & Schedule Control*



**Rob Juusola, AIA, LEED® AP, MCPPO** - Rob has more than 35 years of experience in the building industry in Massachusetts as both an Architect and an OPM. He will provide day-to-day management of this project and is available to start immediately. His resume includes more than 1.5 million SF of new and renovated K-12 public school space across Eastern Massachusetts, using both Chapter 149 Design/Bid/Build and Chapter 149A CM at-Risk procurement.

### Reference

Adam Chapdelaine  
Town Manager  
Arlington, MA  
P: 781.316.3010

Prior to joining NV5's OPM team in 2015, Rob practiced architecture at several major Boston-area architectural firms and was an OPM in the Educational Facilities Group of Turner Construction (Boston) from 2004 to 2009. He is a long-time member of the Boston Society of Architects where he served at one time on the Educational Facilities and Owners Project Manager Committees. He is a former member of the Town of Arlington's Permanent Town Building Committee.

## SENIOR CM SPECIALIST (30%)



**Bill Cuniff, LEED® AP BD+C, MCPPO, EIT** - Bill has more than 30 years of experience managing public and private construction projects, with values up to \$100M. As an OPM with NV5 since 2011, his focus has been on MSBA and public higher educational projects, including the new \$62M Caleb Dustin Hunking School (K-8) in

### Reference

Andrea Howard  
Executive Director  
West End House Boys  
& Girls Club  
Boston, MA  
P: 617.783.7105

Haverhill, which opened in January, the new \$83M Wilmington High School, completed in 2015; and a \$50M residence hall at UMass Lowell completed in 2013. Prior to joining NV5, for two decades he worked in a variety of capacities – as a Senior Project Manager, Construction Manager, Estimator and Field Engineer – for major construction contractors in New England.

## DOCUMENTATION (50%)



**Adam Sniegocki, MCPPO** - Adam has 10 years of professional experience, including 4 years in construction project management. Since joining NV5 in 2015, he has supported our OPM team on four MSBA K-12 core projects, gaining expertise in the documentation requirements and protocols for each project phase, from

### Reference

James Scully  
Superintendent of  
Schools  
Haverhill, MA  
P: 978.374.3405

feasibility/ schematic design through construction and closeout. Prior to joining NV5, he managed procurement, design, and construction of new wireless telecommunications sites in 40 locations throughout Massachusetts, Rhode Island, New Hampshire, and Maine.

## PROJECT REPRESENTATIVE (100% during CA)

Ken Grizzell, LEED® AP, MCPPO *or* Bill Shaw, RA, LEED® AP, MCPPO



**Ken Grizzell** has more than 35 years of experience as a construction manager, site representative, and project manager with a focus on K-12 and higher educational facilities. Since joining NV5 in 2010, he has been the Project Representative on several large scale public OPM projects, including the Edward M. Kennedy Institute for the United States Senate in Boston, and the \$65M renovation of and addition to Greater Lowell Technical High School in Tyngsboro. Along with our proposed Project Director Rob Juusola, Ken is in the midst of closing out the \$15.7M renovation of Stratton Elementary School in Arlington, which is opening for students this September.



**Bill Shaw** has served in a variety of capacities in the construction industry – as Architect, Project Manager, and Project Site Representative – on K-12, higher education, military, and recreational facilities in a career that spans more than 30 years in the construction industry. Since joining NV5 in 2010, Bill has served as Project Representative on three MSBA core projects: the new Grafton High School (2012), the new Wilmington High School (2014), and the new K-8 Hunking School in Haverhill (2017), the latter two as part of a team that included both our proposed Senior CM Specialist Bill Cunniff and Assistant Project Manager Adam Sniegocki.

### Reference/Grizzell

Michael Hanna  
Principal, Stratton  
Elementary School  
Arlington, MA  
P: 781.248.5037

### Reference/Shaw

Jeffrey Hull  
Town Manager  
Wilmington, MA  
P: 978.658.3311

## COST ESTIMATING (Sub-consultant as needed)

**Peter Bradley, BSc. Q.S., LEED® AP, PM&C LLC-** Peter is a Principal of PM&C and will provide independent cost estimating, if needed. His cost experience is broad in both project size and type. In a career spanning more than 30 years, he has estimated and bid hundreds of projects ranging from small retail fit-outs to \$500M residential developments. Peter has collaborated with NV5 on more than a dozen projects.

## 6. Capacity & Skills

NV5's OPM office in Watertown has 23 employees, including 22 OPM professionals. Our five most senior project managers, each with, on average, more than 30 years of experience in the construction industry, are skilled at cost estimating, schedule analysis, value engineering, constructability review and quality control. Our eight Project/Site Representatives are equally seasoned and are skilled at field supervision, constructability review, quality control and safety. Nationwide, NV5 has more than 2,100 employees, including 150+ project managers, civil, structural, mechanical and electrical engineers, construction managers, commissioning agents, and the like. Our Watertown office is fortunate to be able draw on this in-house expertise – for design

review or a second opinion – at a moment’s notice. Cost estimating services will be provided, if needed, by Peter Bradley, Principal of PM&C.

## 7. Current & Projected Workload

A list of our current projects is provided in Attachment C. With several large scale construction projects in our OPM office now in closeout, the core team members we are proposing are available – and eager! – to begin work immediately on the feasibility/schematic design phase of the Amesbury Elementary School project.

## 8. NE-CHPS / LEED®

Our proposed Project Executive Tom Murphy and Project Director Rob Juusola are both LEED® AP. Bill Cunniff, our proposed Senior CM Specialist, and Chris Guarino, Principal-in-Charge, are both certified LEED® AP BD+C.

All 20 of NV5’s core MSBA projects have used either LEED® for Schools or MA-CHPS/NE-CHPS in the design process. The Angier Elementary School in Newton recently achieved LEED® Gold, and the Woodland Elementary School in Milford, which opened for students last fall, and Cabot Elementary School in Newton, currently in construction, are both in the process of applying for LEED® Silver.



The LEED® process has also been used on many projects for which we have been the OPM on the UMass campuses over the past decade. Most recently the following projects have received **LEED® Gold**: the new University Hall (2016) at UMass Boston; the Football Training Facility (2015) and Hampshire Dining Commons (2014) at UMass Amherst, and the Emerging Technologies & Innovation Center (2012) at UMass Lowell.

## 9. Life Cycle Cost Analysis / Cost Estimating / Value Engineering

As your OPM, we are **committed to being good stewards** of the City’s investment in the Amesbury Elementary School facility and will treat every dollar as if it were our own. **Life Cycle Cost Analysis** – comparing initial installation costs of building systems and materials with the “life cycle” costs of maintenance and eventual replacement – and **Value Engineering** – developing alternative ways to build a project with the same quality at a lower cost – are just two of the tools we use on all of our projects, including MSBA school projects, to help our clients keep their projects within budget. We also work closely with our cost consultant, Peter Bradley of PM&C, who has extensive experience in Massachusetts, particularly on K-12 school facilities. He will provide independent, third-party cost estimating, if needed.

### Depth of Experience = Added Value, \$ Savings & Efficient Use of Time

Our track record includes these examples of Value Engineering and Life Cycle Cost Analysis that have saved our clients from hundreds of thousands to millions of dollars.

- **Southbridge (MA) Middle/High School (2012)** – The site for the new Southbridge Middle/High School was a large undeveloped parcel of land in a remote area of town, requiring significant site work and utility infrastructure improvements. With a restrictive cap on site work costs in the budget, there was significant risk the Town would exceed its funding limitations for the complete site package, including the entire desired athletics program.  
NV5 developed a strategy to define a portion of the athletics fields scope as a bid alternate and bring a CM on board early in order to release early site, foundation and steel packages, thereby accelerating the schedule and capitalizing on a competitive bidding climate. Upon completion of the initial site work and final buyout of the remaining scope, a risk analysis was undertaken to forecast the Town's share of the base scope and determine that buyout savings and contingency could be allocated to funding the athletics field bid alternate, while still maintaining sufficient contingency.  
This strategy allowed pricing for the scope in question to be submitted competitively, yet deferred the need to make a decision on proceeding with it until after the most risk prone scope was complete, ultimately resulting in the Town's ability to complete the full athletics field program within its funding limitations.
- **Utility Corridor & Roadway Reconstruction (UCRR), UMASS Boston (2018)** – The UCRR project includes the construction of a complete new utility infrastructure loop around the perimeter of the campus. The campus was constructed in the 1970's on an old municipal landfill, with subsurface conditions comprised of highly variable and contaminated landfill soils. Construction of the new utilities requires the displacement of approximately 200,000 tons of landfill material.  
In order to mitigate the significant cost associated with the off-site disposal of contaminated material, NV5 coordinated a project team charrette to review all opportunities for reducing the volume of displaced material and retaining as much as possible on the campus in landforms created in available open space. These areas included parking lots, future development sites and regraded landscape. Following a thorough review of the impacts to campus operations and integration with the intent of the campus master plan, the list was narrowed down to those areas offering permanent, and not simply deferred, savings, ultimately saving approximately \$10M.
- **Wilmington High School (2015)** – NV5 managed a Value Engineering process that resulted in 1) the specification of an alternative oversized brick for the exterior of the building and



- 2) epoxy painted CMU in lieu of ground face block in all main corridors, saving the Town several hundred thousand dollars.
- **Hampshire Dining Commons, UMass Amherst (2014)** - The design called for a very restrictive mechanical system for exhaust hoods in the kitchen. Working with the CM we were able to identify alternative systems that accomplished the same goal but ensured more competitive bidding. Savings to the UMass Building Authority were several hundred thousand dollars.
- **Residence Hall, UMass Lowell (2013)** - During the course of the design, the CM recommended a less expensive roof as a result of its Value Engineering efforts. As OPM, we advised the Owner to reject this recommendation based on a Life Cycle Cost Analysis which determined that over the long term, the maintenance costs of the less expensive roof would outweigh the initial savings.

## 10. Commissioning Knowledge & Experience

As modern mechanical and other building systems have become increasingly complex, the use of a Commissioning Agent (CxA) has become essential on most major renovation and new construction projects. As OPMs, NV5 has managed the procurement (through an RFP process) and coordinated the efforts of a **third-party CxA for all 20 of our MSBA core projects** and, for more than a decade, on more than **two dozen projects on the UMass** campuses. Our responsibility is to ensure that the CxA provides timely review and inspection during construction and that they participate in and lead the equipment and systems start-up and commissioning process. Our OPM experience includes oversight of unusually complex commissioning; for example, the \$130M University Hall academic building at UMass Boston, completed last year, included, in addition to typical systems, a series of highly sophisticated exhaust systems for art classrooms, chemistry labs, a 500-seat auditorium and rehearsal spaces.

In addition to our CxA oversight experience as OPMs, your project will benefit from the additional resources of **local internal NV5 commissioning agents** in our offices in Andover (formerly RDK Engineers) and Woburn (formerly Sebesta) who are available to assist our core team with quality control of CxA procurement and oversight as needed.

## 11. Financial Stability

NV5 is publically traded and all financial reports are made available to the public on our website at [www.NV5.com](http://www.NV5.com). Over the past several years, we have experienced steady year-over-year growth as indicated on our financial statements. Our longevity and continued growth is a testament to our financial stability and to the strength of our professional capabilities. For a summary of our financial reports, please see our Balance Sheet and Income Statement provided in the Appendix.

# Attachment C

## Owner's Project Manager Application Form – March 2017

1. Project Name/Location for Which Firm is Filing:  
**Amesbury Elementary School, Amesbury, MA**

1a.

2a. Respondent, Firm (Or Joint-Venture) - Name And Address Of Primary Office To Perform The Work:  
**NV5 Consultants, Inc.**  
**44 Pleasant Street**  
**Watertown, MA 02472**

NV5

2b. Name And Address Of Other Participating Offices Of The Prime Applicant, If Different From Item 3a Above:

n/a

2c. Date Present And Predecessor Firms Were Established:  
**1983 (as Joslin, Lesser + Associates, Inc.)**

2d. Name And Address Of Parent Company, If Any:  
**NV5 Global, Inc**  
**200 South Park Road, Suite 350**  
**Hollywood, FL 33021**

2e. Federal ID #: **04-2785107**

2f. Name of Proposed Project Director:  
**Rob Juusola, AIA, LEED AP, MCPPO**

3. Personnel From Prime Firm Included In Question #2 Above By Discipline (List Each Person Only Once, By Primary Function -- Average Number Employed Throughout The Preceding 6 Month Period. Indicate Both The Total Number In Each Discipline): **NV5 Massachusetts (Watertown) OPM Office Only**

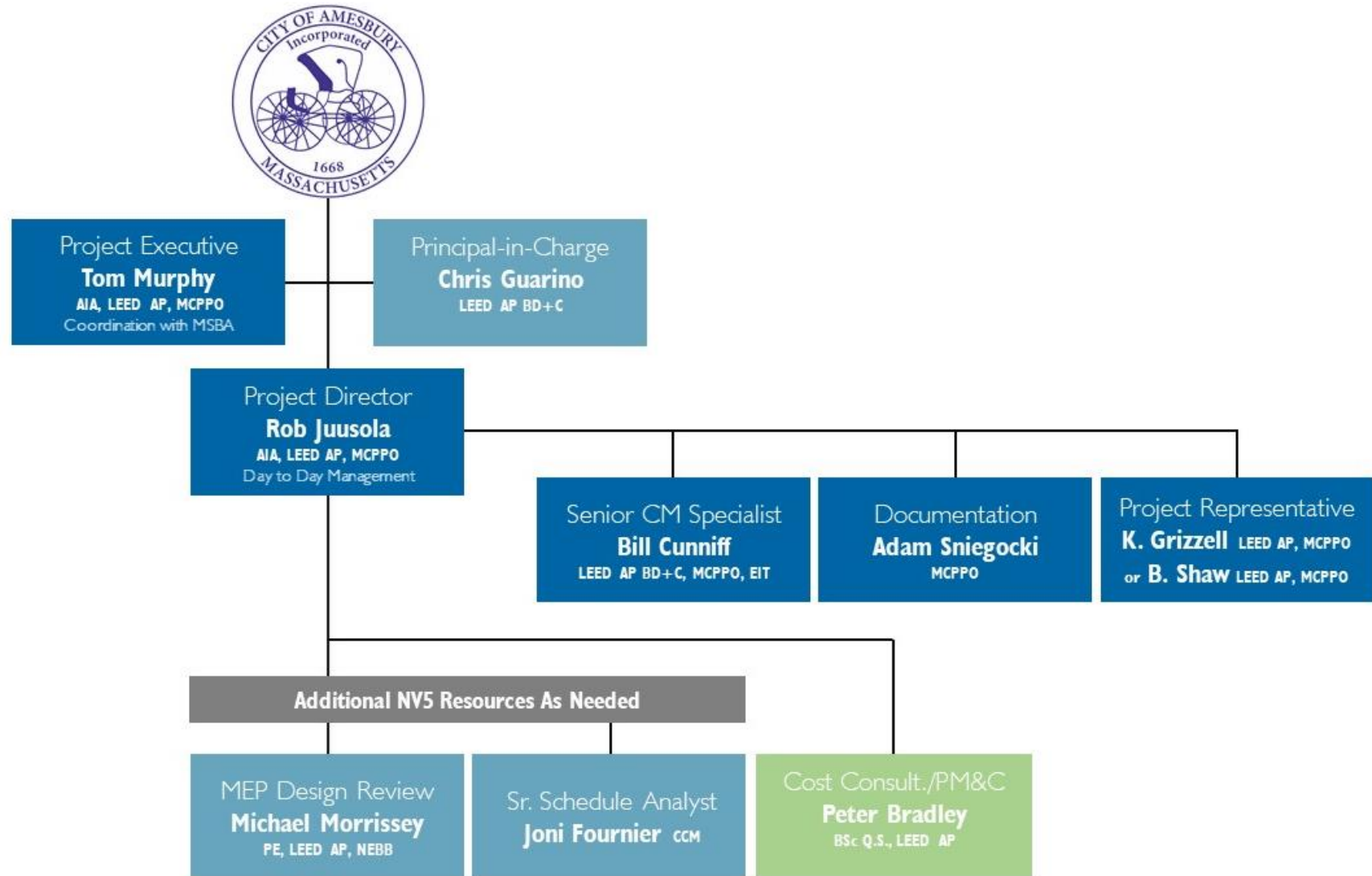
Admin. Personnel	<b>2</b>	Cost Estimators		OTHER	
Architects		Electrical Engineers		Project Managers	<b>13</b>
Acoustical Engineers		Environmental Engineers		Project Representatives (Clerk-of-the-Works)	<b>8</b>
Civil Engineers		Licensed Site Professional			
Code Specialists		Mechanical Engineers		Total	<b>23</b>
Construction Inspectors				Registered Architects	<b>(6)</b>
				MCPPO Certified	<b>(12)</b>

4. Has this Joint-Venture previously worked together? ☐ Yes **N/A** ☐ No

## Attachment C

### Project Team

5. List **ONLY** Those Prime and Sub-Consultant Personnel identified as Key personnel in the Response to Request for Services. This Information Should Be Presented Below In The Form Of An Organizational Chart modified to fit the firm's proposed management approach. Include Name of Firm And Name Of The Person:



## Project Team Resumes

- 6a. Brief Resume for Key Personnel **ONLY** as indicated in the Request for Services. Resumes Should Be Consistent With The Persons Listed On The Organizational Chart In Question # 5. Additional Sheets Should Be Provided Only As Required For The Number Of Key Personnel And They Must Be In The Format Provided. By Including A Firm As A Sub-Consultant, The Prime Applicant Certifies That The Listed Firm Has Agreed To Work On This Project, Should The Team Be Selected.

a.	Name And Title Within Firm:	<b>Chris Guarino, LEED AP BD+C, Managing Director</b>	a.	Name And Title Within Firm:	<b>Tom Murphy, AIA, LEED AP, MCPPO, Project Executive</b>
b.	Project Assignment:	<b>Principal-in-Charge: Oversight/Quality Control</b>	b.	Project Assignment:	<b>Project Executive</b>
c.	Name And Address Of Office:	<b>NV5 44 Pleasant Street Watertown, MA 02472</b>	c.	Name And Address Of Office:	<b>NV5 44 Pleasant Street Watertown, MA 02472</b>
d.	Years Experience:	With This Firm: <b>5</b> With Other Firms: <b>16</b>	d.	Years Experience:	With This Firm: <b>7</b> With Other Firms: <b>23</b>
e.	Education:	<b>BS, Business Administration/Communications, Loyola University Chicago</b>	e.	Education:	<b>Bachelor of Architecture, University of Kansas</b>
f.	Date MCPPO Certified:		f.	Date MCPPO Certified:	<b>Certified 2011, Recertified June 2017</b>
g.	Registrations / Certifications :	<b>LEED Accredited Professional BD+C OSHA 30</b>	g.	Registrations / Certifications:	<b>Registered Architect, Massachusetts LEED Accredited Professional</b>
h.	Current Work Assignments And Availability For This Project:	<b>As Managing Director, Chris provides oversight and quality control for all projects. Available immediately, 5%</b>	h.	Current Work Assignments And Availability For This Project:	<ul style="list-style-type: none"> <li><b>Cabot Elementary School, Newton, MA</b></li> <li><b>Hildreth Elementary School, Harvard, MA</b></li> </ul> <b>Available immediately, 10%</b>
i.	Other Experience And Qualifications Relevant To The Proposed Project:	<ul style="list-style-type: none"> <li><b>Hildreth Elementary School, Harvard, MA</b></li> <li><b>Chicopee Historic City Hall Renovation, Chicopee, MA</b></li> <li><b>Waltham High School, Waltham, MA</b></li> <li><b>Gibbs School Renovation, Arlington, MA</b></li> <li><b>Stratton Elementary School Renovation, Arlington, MA</b></li> <li><b>Cabot Elementary School Addition and Renovation, Newton, MA</b></li> <li><b>Utility Corridor &amp; Roadway Reconstruction, UMass Boston</b></li> <li><b>Roof &amp; Boiler Replacements, Five Boston Public Schools</b></li> <li><b>Garfield Middle School Repairs, Revere, MA</b></li> <li><b>West End House Boys &amp; Girls Club Addition and Renovation, Allston, MA</b></li> <li><b>Summit High School Career and Technical Education Wing Addition, Frisco, CO</b></li> <li><b>Summit Middle School Renovation and Expansion, Frisco, CO</b></li> <li><b>Lake Country School District Program, Leadville, CO</b></li> </ul>	i.	Other Experience And Qualifications Relevant To The Proposed Project:	<ul style="list-style-type: none"> <li><b>Zervas Elementary School, Newton, MA</b></li> <li><b>Stoneham Middle School, Stoneham, MA</b></li> <li><b>Grafton High School, Grafton, MA</b></li> <li><b>Longmeadow High School, Longmeadow, MA</b></li> <li><b>Wildwood Elementary School, Amherst, MA</b></li> <li><b>Football Training Center, UMass Amherst</b></li> </ul> <p><i>Prior to NV5:</i></p> <ul style="list-style-type: none"> <li><b>East Boston High School Renovations, Boston, MA</b></li> <li><b>Randolph High School, Randolph, MA</b></li> <li><b>Beachmont Elementary School, Revere, MA</b></li> <li><b>Hudson Town Hall Renovations, Hudson, MA</b></li> </ul>

## Project Team Resumes

6a. Brief Resume for Key Personnel **ONLY** as indicated in the Request for Services. Resumes Should Be Consistent With The Persons Listed On The Organizational Chart In Question # 5. Additional Sheets Should Be Provided Only As Required For The Number Of Key Personnel And They Must Be In The Format Provided. By Including A Firm As A Sub-Consultant, The Prime Applicant Certifies That The Listed Firm Has Agreed To Work On This Project, Should The Team Be Selected.

a.	Name And Title Within Firm:	<b>Rob Juusola, AIA, LEED AP, MCPPO, Project Director</b>	a.	Name And Title Within Firm:	<b>Bill Cunniff, LEED AP BD+C, MCPPO, EIT, Project Director</b>
b.	Project Assignment:	<b>Project Director</b>	b.	Project Assignment:	<b>Senior CM Specialist</b>
c.	Name And Address Of Office:	<b>NV5 44 Pleasant Street Watertown, MA 02472</b>	c.	Name And Address Of Office:	<b>NV5 44 Pleasant Street Watertown, MA 02472</b>
d.	Years Experience:	With This Firm: <b>2</b> With Other Firms: <b>35</b>	d.	Years Experience:	With This Firm: <b>6</b> With Other Firms: <b>30</b>
e.	Education:	<b>B.Architecture, Boston Architectural Center</b>	e.	Education:	<b>Bachelor of Science, Civil Engineering, University of Notre Dame</b>
f.	Date MCPPO Certified:	<b>Certified 2014, Recertified June 2017</b>	f.	Date MCPPO Certified:	<b>Certified 2011, Recertified October 2016</b>
g.	Registrations / Certifications:	<b>Architect, Massachusetts, #6264 Architect, Connecticut, #0013185 LEED Accredited Professional</b>	g.	Registrations / Certifications:	<b>LEED Accredited Professional BD+C Builders Licenses in MA and FL EIT Registration</b>
h.	Current Work Assignments And Availability For This Project:	<ul style="list-style-type: none"> <li><b>Stratton Elementary School Renovation (in closeout)</b></li> <li><b>Gibbs School Renovation, Arlington, MA</b></li> </ul> <b>Available immediately, 50%</b>	h.	Current Work Assignments And Availability For This Project:	<ul style="list-style-type: none"> <li><b>West End House Boys &amp; Girls Club Add/Reno, Boston, MA</b></li> <li><b>Waltham High School, Waltham, MA</b></li> </ul> <b>Available immediately, 30%</b>
i.	Other Experience And Qualifications Relevant To The Proposed Project:	<ul style="list-style-type: none"> <li><b>Angier Elementary School, Newton, MA</b></li> <li><b>Lunenburg Middle/High School, Lunenburg, MA</b></li> <li><b>University Hall, UMass Boston</b></li> </ul> <p><i>Prior to NV5:</i></p> <ul style="list-style-type: none"> <li><b>Wellington Elementary School, Belmont, MA</b></li> <li><b>Groton Dunstable Regional High School, Groton, MA</b></li> <li><b>Brockton Elementary School, Brockton, MA</b></li> <li><b>Medford Schools, Medford, MA</b></li> <li><b>Weston High School, Weston, MA</b></li> <li><b>North Reading Middle/High School, North Reading, MA</b></li> <li><b>Newton North High School, Newton MA,</b></li> <li><b>Acton Boxborough High School, Acton, MA</b></li> </ul>	i.	Other Experience And Qualifications Relevant To The Proposed Project:	<ul style="list-style-type: none"> <li><b>Hunking Elementary/Middle School, Haverhill, MA</b></li> <li><b>Wilmington High School, Wilmington, MA</b></li> <li><b>University Suites Housing, UMass Lowell</b></li> <li><b>South Campus Parking Garage, UMass Lowell</b></li> </ul> <p><i>Prior to NV5:</i></p> <ul style="list-style-type: none"> <li><b>Bishop Peterson Hall, Boston College, Brighton, MA</b></li> <li><b>Media Lab, MIT, Cambridge, MA</b></li> <li><b>Dana Athletic Center, Mass College of Pharmacy, Boston, MA</b></li> <li><b>Academic Center, Mass College of Pharmacy, Boston, MA</b></li> <li><b>Charlestown Clubhouse, Boys &amp; Girls Club, Charlestown, MA</b></li> </ul>



## Project Team Resumes

6a. Brief Resume for Key Personnel **ONLY** as indicated in the Request for Services. Resumes Should Be Consistent With The Persons Listed On The Organizational Chart In Question # 5. Additional Sheets Should Be Provided Only As Required For The Number Of Key Personnel And They Must Be In The Format Provided. By Including A Firm As A Sub-Consultant, The Prime Applicant Certifies That The Listed Firm Has Agreed To Work On This Project, Should The Team Be Selected.

a.	Name And Title Within Firm:	<b>Adam Sniegocki, MCPPO, Asst Project Manager</b>	a.	Name And Title Within Firm:	<b>Ken Grizzell, LEED AP, MCPPO, Site Representative</b>
b.	Project Assignment:	<b>Documentation Specialist</b>	b.	Project Assignment:	<b>Project Representative</b>
c.	Name And Address Of Office:	<b>NV5 44 Pleasant Street Watertown, MA 02472</b>	c.	Name And Address Of Office:	<b>NV5 44 Pleasant Street Watertown, MA 02472</b>
d.	Years Experience:	With This Firm: <b>2</b> With Other Firms: <b>7</b>	d.	Years Experience:	With This Firm: <b>7</b> With Other Firms: <b>32</b>
e.	Education:	<b>BS/Building Construction Management Wentworth Institute of Technology AAS/Architectural Technology Wentworth Institute of Technology BS/Communication &amp; Journalism Suffolk University</b>	e.	Education:	<b>BS/Construction Management Bradley University AAS/Architectural Technology Wm Rainey Harper College</b>
f.	Date MCPPO Certified:	<b>June 2015</b>	f.	Date MCPPO Certified:	<b>May 2016</b>
g.	Registrations / Certifications :	<b>OSHA 30</b>	g.	Registrations / Certifications :	<b>LEED Accredited Professional</b>
h.	Current Work Assignments And Availability For This Project:	<ul style="list-style-type: none"> <li><b>West End House Boys &amp; Girls Club, Boston, MA</b></li> <li><b>Roof &amp; Boiler Repairs, 5 Boston Public Schools</b></li> </ul> <b>Available immediately, 50%</b>	h.	Current Work Assignments And Availability For This Project:	<ul style="list-style-type: none"> <li><b>Stratton Elementary School, Arlington, MA</b></li> </ul> <b>Available 100% when project begins construction and as needed to review plans and provide input during DD/CD phases</b>
i.	Other Experience And Qualifications Relevant To The Proposed Project:	<ul style="list-style-type: none"> <li><b>Hunking Elementary/Middle School, Haverhill, MA</b></li> <li><b>Wilmington High School, Wilmington, MA</b></li> <li><b>Sterling Middle School, Quincy, MA</b></li> </ul> <p><i>Prior to NV5:</i> Multiple cell technology installations throughout New England, including Providence, RI, Marblehead, MA, Beverly, MA, Coventry, RI, Truro, MA, Stoneham, MA, Stoughton, MA, Fall River, MA, Danvers, MA, Woonsocket, RI, Manchester, NH</p>	i.	Other Experience And Qualifications Relevant To The Proposed Project:	<ul style="list-style-type: none"> <li><b>Greater Lowell Technical High School, Tyngsboro, MA</b></li> <li><b>Edward M. Kennedy Institute for the US Senate, Boston, MA</b></li> <li><b>Emerging Technologies &amp; Innovation Center, UMass Lowell</b></li> </ul> <p><i>Prior to NV5:</i>  <ul style="list-style-type: none"> <li><b>Job Lane Elementary School, Bedford, MA</b></li> <li><b>Ditson Elementary School, Billerica, MA</b></li> <li><b>Andover Elementary/Middle School, Andover, MA</b></li> <li><b>Bates College, Various Projects, Lewiston, ME</b></li> <li><b>Virginia Tech, Various Projects, Blacksburg, VA</b></li> <li><b>Duke University, Durham, NC</b></li> </ul> </p>

## Project Team Resumes

6a. Brief Resume for Key Personnel **ONLY** as indicated in the Request for Services. Resumes Should Be Consistent With The Persons Listed On The Organizational Chart In Question # 5. Additional Sheets Should Be Provided Only As Required For The Number Of Key Personnel And They Must Be In The Format Provided. By Including A Firm As A Sub-Consultant, The Prime Applicant Certifies That The Listed Firm Has Agreed To Work On This Project, Should The Team Be Selected.

a.	Name And Title Within Firm:	<b>Bill Shaw, RA, MCPPO, Site Representative</b>	a.	Name And Title Within Firm:	<b>PM&amp;C LLC</b>
b.	Project Assignment:	<b>Project Representative</b>	b.	Project Assignment:	<b>Cost Estimating/Control</b>
c.	Name And Address Of Office:	<b>NV5 44 Pleasant Street Watertown, MA 02472</b>	c.	Name And Address Of Office:	<b>PM&amp;C 20 Downer Ave, Suite 1C Hingham, MA 02043</b>
d.	Years Experience:	With This Firm: <b>7</b> With Other Firms: <b>28</b>	d.	Years Experience:	With This Firm: <b>10</b> With Other Firms: <b>20</b>
e.	Education:	<b>BA/Architecture Boston Architectural College AS/Engineering Wentworth Institute of Technology</b>	e.	Education:	<b>BSc/Quantity Surveying University of Ulster Belfast, Northern Ireland</b>
f.	Date MCPPO Certified:	<b>May 2016</b>	f.	Date MCPPO Certified:	
g.	Registrations / Certifications :	<b>MCPPO Registered Architect in MA, NCARB</b>	g.	Registrations / Certifications :	<b>LEED AP</b>
h.	Current Work Assignments And Availability For This Project:	<ul style="list-style-type: none"> <li><b>Cabot Elementary School, Newton, MA</b></li> </ul> <b>Available 100% during construction and as needed to review plans and provide input during DD/CD phases</b>	h.	Current Work Assignments And Availability For This Project:	<b>Available immediately</b>
i.	Other Experience And Qualifications Relevant To The Proposed Project:	<ul style="list-style-type: none"> <li><b>Hunking Elementary/Middle School, Haverhill, MA</b></li> <li><b>Wilmington High School, Wilmington, MA</b></li> <li><b>Grafton High School, Grafton, MA</b></li> </ul> <p><i>Prior to NV5:</i></p> <ul style="list-style-type: none"> <li><b>UMass Medical School Program for Molecular Medicine, Worcester, MA</b></li> <li><b>Boys &amp; Girls Elementary School, King Saud University Faculty Housing Compound, Riyadh, Saudi Arabia</b></li> <li><b>Marblehead Park and Recreation/Council on Aging Facility, Marblehead, MA</b></li> </ul>	i.	Other Experience And Qualifications Relevant To The Proposed Project:	<ul style="list-style-type: none"> <li><b>Acton Elementary School</b></li> <li><b>Carlisle Elementary School</b></li> <li><b>Glover Elementary School, Marblehead</b></li> <li><b>Goodyear Elementary School, Billerica</b></li> <li><b>Hardy School, Waltham</b></li> <li><b>Wampatuck Elementary School, Scituate</b></li> </ul>

## Completed Projects

7a. Past Performance: List all Completed Projects, in excess of \$1.5 million, for which the Prime Applicant has performed, or has entered into a contract to perform Owner's Project Management Services for all Public Agencies within the Commonwealth within the past 10 years.

a.	Project Name And Location And Project Director	b.	Brief Description Of Project And Services (Include Reference To Areas Of Similar Experience)	c.	Project Dollar Value	d.	Completion Date (Actual Or Estimate)	e.	On Time (Yes or No)	f.	Original Construction Contract Value	g.	Change Orders	h.	Number of Accidents and Safety Violations	i.	Dollar Value of any Safety fines	j.	Number And Outcome Of Legal Actions
(1)	Wilmington High School Wilmington, MA PM: William Cunniff		Owner's Project Manager for New 192,000 SF high school building		\$83M		2/2015		YES		\$67.5M		\$2.3M		NONE		\$0		NONE
(2)	Longmeadow High School Longmeadow, MA PM: Tom Murphy		182,000 SF Addition / 52,000 SF renovation of a high school		\$78.4M		2/2013		YES		\$63.8M		\$1.5M		NONE		\$0		NONE
(3)	Grafton High School Grafton, MA PM: Tom Murphy		New 186,000 SF High School		\$72.4M		9/2012		YES		\$58M		\$1.7M		1		\$0		NONE
(4)	Greater Lowell Technical HS Tyngsboro, MA PIC: Stuart Lesser		OPM for 9-12 technical high school, includes renovation of 500,000 SF and a 22,000 SF addition, while occupied		\$65.3M		9/2015		YES		\$53M		\$3.850M		NONE		\$0		NONE
(5)	Uxbridge High School Uxbridge, MA PIC: Stuart Lesser		New 123,000 SF High School and reuse of the existing high school as a middle school.		\$45M		9/2012		YES		\$35M		\$900K		NONE		\$0		NONE
(6)	Southbridge Middle/High School Southbridge, MA PM: Tim Dorman		New 200,000 SF middle/high School with grade reconfigured on new site with extensive utility and infrastructure work		\$74M		7/2012		YES		\$59M		\$331K		NONE		\$0		NONE
(7)	Stoneham Middle School Stoneham, MA PM: Tom Murphy		OPM for new Middle School, Options analysis for 11 alternative sites and configurations; grade reconfiguration; redistricting; reno/add		\$40.6M		9/2014		YES		\$32M		\$912K		NONE		\$0		NONE
(8)	Parker Elementary School Billerica, MA PM: Melissa B. Gagnon		OPM for new 89,093 SF elementary school, adjacent to old building		\$32.2M		9/2012		YES		\$22.8M		\$609K		NONE		\$0		NONE
(9)	Angier Elementary School Newton, MA PM: Rob Juusola		OPM for new K-5 elementary school, on tight site and schedule in urban area		\$37.5M		2/2016		YES		\$27.7M		\$300K		NONE		\$0		NONE
(10)	Thurgood Marshall Middle School Lynn, MA PIC: Stuart Lesser		OPM for new middle school using eminent domain in densely populated urban area		\$92M		2/2016		YES		\$67.7M		NONE		NONE		\$0		NONE
(11)	Freeman – Kennedy School Norfolk, MA PIC: Stuart Lesser		OPM for new 96,000 SF building for grades 3-6.		\$34.9M		9/2012		YES		\$25M		\$1.4M		NONE		\$0		NONE
(12)	Venture Development Center Boston, MA PM: Stuart Lesser		OPM for college laboratory and offices		\$5.4M		2009		YES		\$3.8M		NONE		NONE		\$0		NONE
(13)	Commonwealth Honors College Amherst, MA PM: Stuart Lesser		New 6 Building, 500,000 GSF complex		\$198.5M		8/2013		YES		\$170M		\$7M		NONE		\$0		NONE
(14)	Hampshire Dining Facility Amherst, MA PM: Stuart Lesser		Full Renovation of Dining and Commons, plus a New Roof		\$15.5M		9/2013		YES		\$12.2M		\$1M		NONE		\$0		NONE
(15)	Training Facility and Stadium Ren. Amherst, MA PM: Tom Murphy		New Training Facility and Press Box renovations		\$36M		9/2014		YES		\$28.6M		\$1.3M		NONE		\$0		NONE

## Completed Projects

7b. Past Performance: Provide the following information for those completed Projects listed above in 7a for which the Prime Applicant has performed, or has entered into a contract to perform Owner's Project Management Services for all Public Agencies within the Commonwealth within the past 10 years.

	a. Project Name And Location And Project Director	b. Original Project Budget	c. Final Project Budget	d. If different, provide reason(s) for variance	e. Original Project Completion	f. Actual Project Completion On Time Y/N	g. If Different, Provide Reason(s) for Variance
(1)	Wilmington High School Wilmington, MA PM: William Cunniff	\$83M	\$83M	-	2/2015	2/2015	-
(2)	Longmeadow High School Longmeadow, MA PM: Tom Murphy	\$78.4M	\$76M	Project Came In Under Budget	9/2013	2/2013	Project was completed ahead of schedule
(3)	Grafton High School Grafton, MA PM: Tom Murphy	\$72.5M	\$72.4M	Savings in Construction Costs	9/2012	9/2012	-
(4)	Greater Lowell Technical HS PIC: Stuart Lesser	\$65.3M	\$65.3M	-	9/2016	9/2015	Project was completed ahead of schedule
(5)	Uxbridge High School Uxbridge, MA PIC: Stuart Lesser	\$43M	\$45M	Substantial Owner's Scope Changes	Fall 2012	Fall 2012	-
(6)	Southbridge Middle/High School Southbridge, MA PM: Tim Dorman	\$74M	\$74M	-	9/2012	9/2012	-
(7)	Stoneham Middle School Stoneham, MA PM: Tom Murphy	\$40.5M	\$40.4M	Savings in Construction Costs	9/2014	9/2014	-
(8)	Parker Elementary School Billerica, MA PM: Melissa B. Gagnon	\$34M	\$32M	Savings in Construction Costs	9/2012	9/2012	-
(9)	Angier Elementary School Newton, MA PD: Rob Juusola	\$37.5M	\$37.5M	-	1/2016	1/2016	-
(10)	Thurgood Marshall Middle School Lynn, MA PIC: Stuart Lesser	\$92M	\$92M	-	7/2016	2/2016	Project was completed ahead of schedule
(11)	Freeman – Kennedy School Norfolk, MA PIC: Stuart Lesser	\$36.8M	\$36.8M	-	2012	2012	-
(12)	Venture Development Center Boston, MA PIC: Stuart Lesser	\$7M	\$5.4M	Savings in Construction Costs	2009	2009	-
(13)	Commonwealth Honors College Amherst, MA PM: Stuart Lesser	\$186.5M	\$198.5M	Substantial Owner's Scope Changes	8/2013	8/2013	-
(14)	Hampshire Dining Facility Amherst, MA PM: Stuart Lesser	\$15M	\$15.5M	Owner's Scope Changes on Roof Portion	9/2013	9/2013	-
(15)	Training Facility & Stadium Reno. Amherst, MA PM: Tom Murphy	\$36M	\$36M	-	9/2014	9/2014	-

## Current Projects

8. **Capacity:** Identify all current/ongoing Work by Prime Applicant, Joint-Venture Members or Sub-Consultants. Identify project participants and highlight any work involving the project participants identified in the response.

	a. Project Name And Location And Project Director	b. Brief Description Of Project And Services (Include Reference To Areas Of Similar Experience)	c. Original Project Budget	d. Current Project Budget	e. Project Completion Date	f. Current Forecast: Completion Date On-Time (Yes Or No)	g. Original Construction Contract Value	h. Number & dollar value of CO	i. Number and Dollar Value of Claims
(1)	Caleb Dustin Hunking School Haverhill, MA PD: Bill Cuniff, Adam Sniegocki	OPM for new grade reconfigured K-8, 148,000 SF school	\$61.5M	\$61.5M	Closeout	YES	\$49.5M	3 \$150K	NONE
(2)	Waltham High School Waltham, MA PD: Bill Cuniff	OPM for Chapter 74 technical HS in urban area. In design	TBD	TBD	TBD	YES	TBD	TBD	NONE
(3)	Hildreth Elementary School Harvard, MA PD: Tom Murphy	OPM for elementary school. Project is in the planning stage	TBD	TBD	TBD	YES	TBD	TBD	NONE
(4)	Zervas Elementary School Newton, MA PM: Tom Murphy	OPM for new K-5 elementary school, on tight site and schedule in urban area	\$40M	\$40M	08/2017	YES	\$30M	0 \$0	NONE
(5)	Cabot Elementary School Newton, MA PM: Tom Murphy, Bill Shaw	OPM for new K-5 elementary school, on tight site and schedule in urban area	\$45M	\$45M	08/2019	YES	TBD	N/A	NONE
(6)	Stratton Elementary School Arlington, MA PM: Rob Juusola, Ken Grizzell	OPM for renovation and temporary modular class rooms	\$15.7M	\$15.7M	10/2017	10/2017	\$7.4M	\$918K	NONE
(7)	Woodland Elementary School Milford, MA PM: James Riefstahl	OPM for new elementary school. Replacement of school built in the 1970's	\$60.9M	\$60.9M	Closeout	YES	\$48M	6 \$504K	NONE
(8)	Gibbs School Arlington, MA PM: Rob Juusola	OPM for renovation of mixed use building into a new 6 <sup>th</sup> grade	\$16.5M	\$16.5M	8/2018	YES	TBD	TBD	NONE
(9)	West End House Boys/Girls Club Allston, MA PM: Bill Cuniff, Adam Sniegocki	OPM during design and construction of addition/renovation	\$8.8M	\$8.8M	12/2017	YES	TBD	TBD	NONE
(10)	Lunenburg Middle/High School Lunenburg, MA PM: Inga Knox	OPM for new middle/high school. Grade reconfiguration / combining of schools; construction next to existing site	\$72.9M	\$72.9M	In Closeout	YES	\$59.5M	6 \$178K	NONE
(11)	General Academic Building No. 1 Boston, MA PIC: Stuart Lesser	OPM for new academic building. Classrooms, labs, auditorium, art studios, dance facilities	\$100M	\$133.5M	3/2017	YES	\$102.6M	22 \$13.5M	NONE
(12)	Utility Corridor & Roadway Boston, MA PM: Tim Dorman	OPM for campus wide utility and transportation infrastructure redevelopment	\$184M	\$184M	2/2017	YES	\$145M	11 \$8.2M	NONE
(13)	Healey Roof Repairs Phase 2 PM: Bill Cuniff	OPM for extensive roof repairs on the Healey Building	\$5.5M	\$5.5M	In Closeout	YES	TBD	0 \$0	NONE



## References

9. References: Provide the following information for completed and current Projects listed above in 7 and 8 for which the Prime Applicant has performed, or has entered into a contract to perform Owner's Project Management Services for all Public Agencies within the Commonwealth within the past 10 years.

a.	Project Name And Location Project Director	Client's Name, Address and Phone # - Contact Person	Project Name And Location Project Director	Client's Name, Address and Phone # - Contact Person	Project Name And Location Project Director	Client's Name, Address and Phone # -Contact Person
	1) <b>Gibbs School Renovation Arlington, MA</b>  <b>Rob Juusola</b>	Town of Arlington 730 Massachusetts Avenue Arlington, MA 02476 Adam W. Chapdelaine, Town Manager (781) 316-3010	5) <b>Lunenburg Middle/High School Lunenburg, MA</b>  <b>Rob Juusola</b>	Town of Lunenburg 1025 Massachusetts Ave Lunenburg, MA 01462 Loxi Jo Calmes, Superintendent of Schools (978) 582-4100 ext.210	9) <b>Grafton High School Grafton, MA</b>  <b>Tom Murphy Bill Shaw</b>	Town of Grafton 30 Providence Road Grafton, MA 01519 Tim McInerney, Town Administrator (508) 839-5335
	2) <b>Gibbs School/Stratton Elementary School Arlington, MA</b>  <b>Rob Juusola Ken Grizzell</b>	Town of Arlington 730 Massachusetts Avenue Arlington, MA 02476 Michael Hanna, School Principal (781) 248-5037	6) <b>Wilmington High School Wilmington, MA</b>  <b>Bill Cuniff Adam Sniegocki Bill Shaw</b>	Town of Wilmington 121 Glen Road, Wilmington, MA 01887 Jeffrey Hull, Town Manager (978) 658-3311	10) <b>Lake County School District Leadville, CO</b>  <b>Chris Guarino</b>	Lake County School District 107 Spruce Street Leadville, CO 80461 Dr. Wendy Wyman, Superintendent (719) 486-6810
	3) <b>Caleb Dustin Hunking School Haverhill, MA</b>  <b>William Cuniff Adam Sniegocki Bill Shaw</b>	Haverhill Public Schools 4 Summer St, Rm 104 Haverhill, MA 01830 James Scully, Superintendent (978) 374-3405	7) <b>Greater Lowell Technical High School</b>  <b>Ken Grizzell</b>	Greater Lowell Technical HS 250 Pawtucket Blvd. Tyngsboro, MA 01879 Roger Bourgeois, Superintendent (978) 454 5411	11) <b>West End House Boys &amp; Girls Club Allston, MA</b>  <b>William Cuniff Adam Sniegocki</b>	West End House Boys & Girls Club 105 Allston St Allston, MA 02134 Andrea Howard, Executive Director (617) 783-7105
	4) <b>Newton School Building Program (Angier, Cabot, Zervas Elementary Schools) Newton, MA</b>  <b>Tom Murphy Rob Juusola</b>	City of Newton 52 Elliot Street Newton, MA 02461 Josh Morse, Commissioner of Public Buildings (617) 796-1600	8) <b>Chicopee City Hall Renovation Chicopee, MA</b>  <b>Chris Guarino Rob Alger</b>	City of Chicopee 17 Springfield Street Chicopee, MA 01013 Lee Pouliot, Planning Director (413) 594-1515	12) <b>Natick High School Natick, MA</b>  <b>Peter Bradley PM&amp;C, Cost Estimating</b>	Ai3 Architects 286 Boston Post Road Wayland, MA Scott Dunlap (508) 358-0790

Use This Space To Provide Any Additional Information Or Description Of Resources Supporting The Qualifications Of Your Firm And That Of Your Sub-Consultants. If Needed, Up To Three, Double-Sided 8 1/2" X 11" Supplementary Sheets Will Be Accepted. **APPLICANTS ARE REQUIRED TO RESPOND SPECIFICALLY IN THIS SECTION TO THE AREAS OF EXPERIENCE REQUESTED.**

- b. 10. I hereby certify that the undersigned is an Authorized Signatory of Firm and is a Principal or Officer of Firm. The information contained in this application is true, accurate and sworn to by the undersigned under the pains and penalties of perjury.

Submitted By:  
(Signature)



Printed Name And Title: **Chris Guarino, Managing Director**

Date: **August 7, 2017**

## Project Approach – An Initial Review of Options

**Analysis of Options** – During the **feasibility phase**, NV5 will work with the Amesbury School Building Committee to identify the most educationally appropriate and cost effective option for the Amesbury Elementary School project.

At the heart of all school building projects is the District's **Educational Programming Plan**, a requirement of the MSBA. We will assist the District during development of its Ed Plan to ensure that it effectively communicates the District's educational priorities so that it can appropriately serve as a basis for evaluating future design options. A significant effort during the development of the **Education Plan** will be an evaluation of options for grade re-configurations, which may include the creation of a single district-wide early elementary school for grades Pre-K to 2, separate from an upper elementary school for grades 3 to 5.

The work of the **feasibility phase** will entail a thorough review of long term goals for the **Education Plan** in concert with the evaluation of existing school buildings and the identification and analysis of alternative sites.

Having reviewed the OPM RFS for the Amesbury Elementary School dated August 7, 2017, and the Statement of Interest dated April 9, 2015, we understand that the issues of most concern to the District with regard to the existing facility are:

- Severe overcrowding and expected enrollment increases
- Obsolete and deteriorating building and systems
- Deteriorating modular classrooms
- ADA non-compliance, curtailing access for some students and forcing others to attend Cashman Elementary

NV5 will lead the options development and evaluation process for both the site and the building design. In collaboration with the City and the Designer, we will develop objective criteria for assessing the relative merits of each option below, as well as any additional options that may be identified, with regard to the education program, schedule, costs, building and site conditions and constraints, logistics, phasing, permitting, design characteristics, parking and traffic, and other parameters.

Using these criteria, we will build an Options Matrix to facilitate the analysis of all options deemed viable and to identify the best, or preferred, option for the Amesbury Elementary School and the District overall. As indicated in the RFS, and required by the MSBA, the options to be evaluated must include renovation, renovation/addition and new construction.

- **Addition to/Renovation of the existing Amesbury Elementary School**

At approximately 17 acres, the present site is large enough to support an addition along with play fields and parking; however, existing site conditions must be studied before the viability of this option can be determined. If the existing school can remain in operation during construction of an addition, the cost and phasing associated with swing space might be avoided. An addition/renovation would increase capacity to accommodate current and projected enrollments, and would also allow Amesbury Elementary to remain a neighborhood school.

- **Demolition of the existing Amesbury Elementary School and construction of a new Pre-K to grade 4 or 5 elementary school on the existing site**

The existing site is large enough to accommodate construction of a new school on the north side while the existing school remains in operation. This option would preserve the neighborhood school and eliminate the cost and phasing associated with swing space. The existing school building would be demolished as a separate phase, after the new school is complete.

- **Demolition of the existing Amesbury Elementary School and construction of a new lower elementary school (Pre-K to grade 2) on the existing site**

This option would create a new building on the existing site for a district wide lower elementary school for grades Pre-K through 2. The existing school would remain in operation during construction. The existing Cashman Elementary School would be grade-reconfigured as an upper elementary school for grades 3-5. This option would eliminate the additional cost and phasing associated with swing space. The existing Amesbury Elementary School would be demolished as a separate phase, after the new school is complete.

- **Demolition of the existing Amesbury Elementary School and construction of a new upper elementary school (grades 3 through 5) on the existing site**

The same option as above except that the new school would be upper elementary (grades 3-5), and the existing Cashman school would be lower elementary (Pre-K through 2).

- **Renovation only to the existing Amesbury Elementary School**

With existing classrooms undersized in comparison to MSBA guidelines, a renovation only project, without an addition, may not be feasible; however, this option will be studied and vetted.

- **Alternative sites and existing buildings**

As part of due diligence required by the MSBA, we will work with the District and the Design team to determine the feasibility of building on an alternative parcel of land or utilizing another available building.

## Caleb Dustin Hunking School

Haverhill, MA



Cost	\$ 61.5M
Project Completed	Spring 2017
Design Enrollment	1005
Square Footage	148,000 SF
Architect	JCJ Architects
Construction Manager	Shawmut Design and Construction
Owner's Project Manager	NV5

The City of Haverhill initially pursued the Hunking Middle School rebuild in order to address a deteriorated building with failing structural systems. During feasibility, the project team took the options analysis one step further to look more broadly at the District's needs, exploring four grade configurations on three sites. The preferred option – a new, grade reconfigured K-8 school on the fields of the existing Hunking School - enabled the District not only to achieve a fully code compliant, energy efficient and accessible school with modern technology and infrastructure, but also to close an aging and obsolete K-2 school nearby and alleviate severe overcrowding at the K-5 Bradford school. NV5 worked with the project team to develop a construction logistics plan to minimize disruption to the occupied original school and to ensure the safety of students, parents, staff, and the surrounding neighborhood. NV5 also worked with the City to bolster community support by hosting information sessions and developing literature for distribution, ultimately leading to passage of the City's first debt exclusion in more than 30 years.

## Newton Elementary School Building Program

Newton, MA



The City of Newton engaged NV5 to provide full OPM services on three successive projects for the Angier, Cabot and Zervas elementary schools. All three elementary schools serve grades K-5 in neighborhoods throughout Newton. In collaboration with the architects and the construction managers, the Team has established a clear preferred option for each site in conjunction with a comprehensive project budget and critical path schedule. The strategy allows the City to continue the intimate neighborhood schools concept for elementary education, while increasing the capacity of the overall system. NV5 has successfully kept the community apprised of design and construction activities through the use of websites, flyers, brochures and public meetings. The Angier School recently opened on time, on budget and is LEED Gold Certified.

Angier Elementary School		Zervas Elementary School		Cabot Elementary School	
Cost	\$ 37.5M	Cost	\$ 40M	Cost	\$ 45M
Project Completed	1/2016	Projected Completion	Fall 2017	Projected Completion	Fall 2019
Design Enrollment	465 Students	Design Enrollment	490 Students	Design Enrollment	480 Students
Square Footage	74,960 SF	Square Footage	78,800 SF	Square Footage	85,000 SF
Architect	DiNisco Design	Architect	Design Partnership	Architect	DiNisco Design
Construction Manager	WT Rich	Construction Manager	WT Rich	Construction Manager	WT Rich



## Stratton Elementary School

Arlington, MA



Cost	\$ 15.8M
Project Completed	9/2017
Design Enrollment	500 Students
Square Footage	62,420 SF Building 24,432 SF Modulares
Architect	DRA Architects
General Contractor	Triumph / G&R Construction
Owner's Project Manager	NV5

The Town of Arlington is completing the rebuild of their 7 elementary schools with the renovation of the Stratton Elementary School, which serves grades K-5. The project includes the construction of a temporary school of 22 modular classrooms plus administration offices and support to serve the students over the 2016-2017 school year while the existing building is renovated. Construction began in April 2016 with completion scheduled for the end of August 2017 with the removal of the modular classrooms, restoration of the site and fit out of the renovated school.



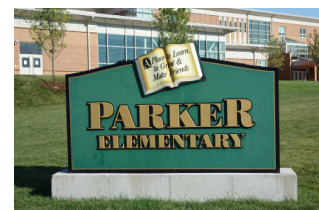
## Parker Elementary School

Billerica, MA



Cost	\$ 32M
Project Completed	9/2012
Design Enrollment	500 Students
Square Footage	88,000 SF
Architect	Symmes, Maini & McKee
General Contractor	CTA Construction Company
Owner's Project Manager	NV5

NV5 provided full OPM services for the Town of Billerica on the new Parker Elementary School, which replaced the existing 1952 facility. Because the existing and the new building are in extremely close proximity, NV5 worked closely with the Architect and the Town to develop a detailed strategic-phasing plan which allowed the existing school to remain fully operational during construction. Given the density of the neighborhood, it became critical to the success of the project that open lines of communication were maintained with the neighbors throughout the design and construction process; this was achieved through public forums, neighborhood meetings and monthly building committee meetings. Faculty and staff occupied the new building in summer of 2012, after which the existing school was demolished and site improvements, including a new soccer field and parking, were completed.





## Greater Lowell Regional Technical High School

Tyngsboro, MA



NV5 was the OPM for the \$65M renovation and expansion of the Greater Lowell Technical High School, one of the largest technical high schools in Massachusetts with over 2,200 students in grades 9-12. Serving the communities of Dracut, Dunstable, Tyngsboro and Lowell, the school offers its students a choice of technical, college prep, coo-op, special education and Title I programs, as well as adult post-secondary courses. This MSBA core project included significant upgrades to both the building envelope and the mechanical, electrical and life-safety systems of the original (1974) 500,000 SF structure. A new 50,000 SF wing contains a cafeteria with kitchen, bathrooms and support space. Two former dining commons in the original building were repurposed as seven new science laboratories. Construction on the constrained site was phased, allowing the school to remain occupied and fully-operational. The project was completed a full 12 months ahead of schedule and well under budget. Project savings were used for additional scope, including a major renovation of the swimming pool and rehabilitation of the parking lot.



Cost	\$ 65.3M
Project Completed	Fall 2015
Design Enrollment	2,300 Students
Square Footage	50,000 SF Addition/522,000 SF Reno.
Architect	Knight, Bagge & Anderson, Inc.
Construction Manager	Consigli Construction Company
Owner's Project Manager	NV5

## Wilmington High School

Wilmington, MA



As OPM for the grade 9-12 Wilmington High School, NV5 guided the Town, during the feasibility phase, through an analysis of 10 options on five sites, including several renovation/addition scenarios, with the project team ultimately determining a preference for a new 192,000 SF high school on the existing site. The new building was strategically located, and the construction phased, in such a way that the existing high school could remain fully occupied until the project was complete. Despite the challenge of creating a deep foundation on a site with a very high water table, the project was kept on schedule through close monitoring and dewatering of high ground water conditions during foundation excavations, formwork construction and concrete placement, as well as aggressive assessment and implementation of adjustments by the CM. Installation of an extensive underdrain system beneath the basement floor slab, along with a detailed waterproofing system, ensured the basement would remain permanently water tight.

Cost	\$ 83M
Project Completed	2/2015
Design Enrollment	960 Students
Square Footage	192,000 SF
Architect	Dore & Whittier Architects
Construction Manager	Gilbane Building Company
Owner's Project Manager	NV5

## Longmeadow High School

Longmeadow, MA



Cost	\$ 78.4M
Project Completed	2/2013
Design Enrollment	1000 Students
Square Footage	185,000 SF Addition / 52,000 SF Reno
Architect	OMR Architects
Construction Manager	Gilbane Building Company
Owner's Project Manager	NV5

NV5 provided complete OPM services for the new Longmeadow High School. The approved solution was for a new 185,000 square foot addition and renovation of the 52,000 square foot 1971 wing of the existing 248,000 square foot building. The renovation included the administration department, pool and other program departments. NV5 coordinated a detailed logistics plan which allowed the school to remain in full operation during multi-phased construction. We also provided support to the Architect's educational visioning consultant in assisting the school district and the Longmeadow community to develop the educational needs and goals for the project. NV5 assisted in the selection of the Architect and the CM at-Risk. NV5 developed the total project budget for all hard and soft costs, and monitored expense and commitment to ensure that all activities remained on track. NV5 also made several presentations to Town government entities and community members to keep them apprised of the status of the project.



## Lunenburg Middle/High School

Lunenburg, MA



Cost	\$ 72.9M
Project Completed	12/2016
Design Enrollment	820
Square Footage	167,000 SF
Architect	Tappe Associates
Construction Manager	Shawmut Design and Construction
Owner's Project Manager	NV5

The Town of Lunenburg hired NV5 to provide OPM services for their high school. After an options analysis process, the most cost efficient and educationally appropriate approach was to combine the high school with the middle school, which was also in need of major repair. The project was delivered on schedule and on budget. NV5 provided full owner's project management for the project, which included budget, schedule, procurement, cost estimates, construction administration, MSBA documents and procedures and community outreach.



Attachment D  
Required Certifications

**Certificate of Non-Collusion**

The undersigned certifies under penalties of perjury that this bid or proposal has been made and submitted in good faith and without collusion or fraud with any other person. As used in this certification, the word "person" shall mean any natural person, business, partnership, corporation, union, committee, club, or other organization, entity, or group of individuals.

**Tax Compliance Certification**

Pursuant to M.G.L. c. 62C, §49A, I certify under penalties of perjury that, to the best of my knowledge and belief, I am in compliance with all laws of the Commonwealth relating to taxes, reporting of employees and contractors, and withholding and remitting of child support.

**Conflict of Interest Certification**

The undersigned certifies that the Responder understands that the Massachusetts Conflict of Interest Law, Chapter 268A of the Massachusetts General Laws, applies to the Responder with respect to the services outlined in the Request for Services. The undersigned also certifies that the Responder understands that the Responder, its officers, employees, agents, subcontractors and affiliated agencies, shall not participate in any activity which constitutes a violation of the Massachusetts Conflict of Interest Law or which creates an appearance of a violation of the Massachusetts Conflict of Interest Law.

**Non-Debarment Certification**

The undersigned certifies under the penalties of perjury that the company/corporation is not presently debarred from entering into a public contract in the Commonwealth of Massachusetts under the provisions of M.G.L. c. 29, §29F, as amended, c. 152, as amended or any other applicable debarment provision of any other chapter of the Massachusetts General Laws or any rule or regulation promulgated thereunder.

**Hold Harmless Certification**

The undersigned agrees to indemnify and hold harmless the City of Amesbury, its officers, employees, and agents from and against any and all liabilities, claims, damages or expenses resulting from on incurred in connection with work performed under this contract. The undersigned agrees to indemnify and hold the City of Amesbury harmless from and against any and all suits, causes of action, judgments or damages including attorneys' fees, arising out of or resulting from bodily injury or death or destruction of property, in connection with work performed under this contract.



Signature

**August 7, 2017**

Date

**Christopher Guarino**

Name of person submitting proposal

**NV5 Consultants, Inc.**

Name of business

## **REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

To the Board of Directors and Stockholders of  
NV5 Global, Inc.  
Hollywood, FL

We have audited the accompanying consolidated balance sheets of NV5 Global, Inc. and subsidiaries (the "Company") as of December 31, 2016 and 2015, and the related consolidated statements of net income and comprehensive income, changes in stockholders' equity, and cash flows for each of the two years in the period ended December 31, 2016. These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. The Company is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. Our audits included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, such consolidated financial statements present fairly, in all material respects, the financial position of NV5 Global, Inc. and subsidiaries as of December 31, 2016 and 2015, and the results of their operations and their cash flows for each of the two years in the period ended December 31, 2016, in conformity with accounting principles generally accepted in the United States of America.

/s/ Deloitte & Touche LLP  
Certified Public Accountants  
Miami, FL  
March 10, 2017



## **REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

Board of Directors and Stockholders  
NV Global, Inc. (formerly NV5 Holdings, Inc.)

We have audited the consolidated balance sheet of NV5 Global, Inc. (formerly NV5 Holdings, Inc.) (a Delaware corporation) and subsidiaries (the “Company”) as of December 31, 2014 (not presented herein), and the related consolidated statements of net income and comprehensive income, changes in stockholders’ equity, and cash flows for the year then ended. These financial statements are the responsibility of the Company’s management. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. We were not engaged to perform an audit of the Company’s internal control over financial reporting. Our audit included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company’s internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of NV5 Global, Inc. (formerly NV5 Holdings, Inc.) and subsidiaries as of December 31, 2014, and the results of their operations and their cash flows for the year then ended in conformity with accounting principles generally accepted in the United States of America.

/s/ GRANT THORNTON LLP  
Fort Lauderdale, Florida  
March 27, 2015 (except for Note 16, as to which the date is March 10, 2017)

NV5 Global, Inc. and Subsidiaries  
CONSOLIDATED BALANCE SHEETS  
(in thousands, except share data)

	<b>December 31, 2016</b>	<b>December 31, 2015</b>
<b>Assets</b>		
Current assets:		
Cash and cash equivalents .....	\$ 35,666	\$ 23,476
Accounts receivable, net of allowance for doubtful accounts of \$1,992 and \$1,536 as of December 31, 2016 and December 31, 2015, respectively .....	75,511	47,747
Prepaid expenses and other current assets .....	1,874	1,092
Deferred income tax assets .....	2,173	1,440
Total current assets .....	115,224	73,755
Property and equipment, net .....	6,683	3,091
Intangible assets, net .....	40,861	12,367
Goodwill .....	59,380	21,679
Other assets .....	1,511	877
Total Assets .....	<u>\$ 223,659</u>	<u>\$ 111,769</u>
<b>Liabilities and Stockholders' Equity</b>		
Current liabilities:		
Accounts payable .....	\$ 13,509	\$ 6,658
Accrued liabilities .....	17,316	9,564
Income taxes payable .....	1,134	813
Billings in excess of costs and estimated earnings on uncompleted contracts .....	228	293
Client deposits .....	106	110
Current portion of contingent consideration .....	564	458
Current portion of notes payable and other obligations .....	10,764	4,347
Total current liabilities .....	43,621	22,243
Contingent consideration, less current portion .....	1,875	821
Notes payable and other obligations, less current portion .....	21,632	6,360
Deferred income tax liabilities .....	8,370	1,582
Total liabilities .....	75,498	31,006
Commitments and contingencies		
Stockholders' equity:		
Preferred stock, \$0.01 par value; 5,000,000 shares authorized, no shares issued and outstanding .....	-	-
Common stock, \$0.01 par value; 45,000,000 shares authorized, 10,566,528 and 8,124,627 shares issued and outstanding as of December 31, 2016 and 2015, respectively .....	106	81
Additional paid-in capital .....	118,026	62,260
Retained earnings .....	30,029	18,422
Total stockholders' equity .....	148,161	80,763
Total liabilities and stockholders' equity .....	<u>\$ 223,659</u>	<u>\$ 111,769</u>

*See accompanying notes to consolidated financial statements.*



NV5 Global, Inc. and Subsidiaries  
CONSOLIDATED STATEMENTS OF NET INCOME AND COMPREHENSIVE INCOME  
(in thousands, except share data)

	Year Ended		
	December 31, 2016	December 31, 2015	December 31, 2014
<b>Gross revenues</b> .....	\$ 223,910	\$ 154,655	\$ 108,382
<b>Direct costs (excluding depreciaton and amortization):</b>			
Salaries and wages .....	73,966	53,687	36,976
Sub-consultant services .....	31,054	21,394	15,996
Other direct costs .....	11,310	10,796	10,229
Total direct costs .....	116,330	85,877	63,201
<b>Gross Profit</b> .....	107,580	68,778	45,181
<b>Operating Expenses:</b>			
Salaries and wages, payroll taxes and benefits .....	55,586	34,731	22,887
General and administrative .....	19,351	11,930	8,865
Facilities and facilities related .....	8,012	4,950	3,198
Depreciation and amortization .....	6,228	3,468	1,988
Total operating expenses .....	89,177	55,079	36,938
<b>Income from operations</b> .....	18,403	13,699	8,243
<b>Other expense:</b>			
Interest expense .....	(257)	(212)	(274)
Total other expense .....	(257)	(212)	(274)
Income before income tax expense .....	18,146	13,487	7,969
Income tax expense .....	(6,539)	(4,995)	(3,076)
<b>Net Income and Comprehensive Income</b> .....	<u>\$ 11,607</u>	<u>\$ 8,492</u>	<u>\$ 4,893</u>
<b>Earnings per share:</b>			
Basic .....	\$ 1.27	\$ 1.25	\$ 0.96
Diluted .....	\$ 1.22	\$ 1.18	\$ 0.87
<b>Weighted average common shares outstanding:</b>			
Basic .....	9,125,167	6,773,135	5,102,058
Diluted .....	9,540,051	7,215,898	5,592,010

*See accompanying notes to consolidated financial statements.*

NV5 Global, Inc. and Subsidiaries  
CONSOLIDATED STATEMENTS OF CHANGES IN STOCKHOLDERS' EQUITY  
(in thousands, except share data)

	Common Stock		Additional	Retained	Total
	Shares	Amount	Paid-In Capital	Earnings	
<b>Balance, January 1, 2014</b> .....	<b>5,504,236</b>	<b>\$ 55</b>	<b>\$ 23,717</b>	<b>\$ 5,037</b>	<b>\$ 28,809</b>
Stock compensation .....	-	-	752	-	752
Exercise of warrants .....	600	-	5	-	5
Restricted stock issuance, net .....	102,362	1	(1)	-	-
Stock issuance for acquisitions .....	134,774	2	1044	-	1,046
Payment of contingent consideration with common stock .....	12,987	-	100	-	100
Net income .....	-	-	-	4,893	4,893
<b>Balance, December 31, 2014</b> .....	<b>5,754,959</b>	<b>\$ 58</b>	<b>\$ 25,617</b>	<b>\$ 9,930</b>	<b>\$ 35,605</b>
Stock compensation .....	-	-	1,696	-	1,696
Restricted stock issuance, net .....	216,535	2	(2)	-	-
Proceeds from secondary offering, net of costs....	1,644,500	16	29,403	-	29,419
Proceeds from exercise of warrants, net of costs..	408,412	4	2,965	-	2,969
Stock issuance for acquisitions .....	91,923	1	945	-	946
Payment of contingent consideration with common stock .....	8,298	-	100	-	100
Tax benefit from stock based compensation .....	-	-	1,536	-	1,536
Net income .....	-	-	-	8,492	8,492
<b>Balance, December 31, 2015</b> .....	<b>8,124,627</b>	<b>\$ 81</b>	<b>\$ 62,260</b>	<b>\$ 18,422</b>	<b>\$ 80,763</b>
Stock compensation .....	-	-	2,343	-	2,343
Restricted stock issuance, net .....	189,295	2	(2)	-	-
Proceeds from secondary offering, net of costs....	1,955,000	20	47,126	-	47,146
Proceeds from exercise of unit warrant, net of costs .....	140,000	1	1,007	-	1,008
Stock issuance for acquisitions .....	148,651	2	4,238	-	4,240
Tax benefit from stock based compensation .....	-	-	892	-	892
Payment of contingent consideration with common stock .....	8,955	-	162	-	162
Net income .....	-	-	-	11,607	11,607
<b>Balance, December 31, 2016</b> .....	<b>10,566,528</b>	<b>\$ 106</b>	<b>\$ 118,026</b>	<b>\$ 30,029</b>	<b>\$ 148,161</b>

*See accompanying notes to consolidated financial statements.*

NV5 Global, Inc. and Subsidiaries  
CONSOLIDATED STATEMENTS OF CASH FLOWS  
(in thousands)

	Year Ended		
	December 31, 2016	December 31, 2015	December 31, 2014
<b>Cash Flows From Operating Activities:</b>			
Net income .....	\$ 11,607	\$ 8,492	\$ 4,893
Adjustments to reconcile net income to net cash provided by operating activities:			
Depreciation and amortization .....	6,228	3,468	1,988
Provision for doubtful accounts .....	138	164	(136)
Stock compensation .....	2,343	1,696	752
Change in fair value of contingent consideration .....	201	(335)	18
Loss on disposal property and equipment.....	14	-	64
Excess tax benefit from stock based compensation.....	(892)	(1,536)	-
Deferred income taxes .....	(1,837)	(666)	247
Changes in operating assets and liabilities, net of impact of acquisitions:			
Accounts receivable .....	(7,681)	(4,846)	(7,591)
Prepaid expenses and other assets .....	920	601	(645)
Accounts payable .....	3,047	(3,830)	1,316
Accrued liabilities .....	(243)	1,479	399
Income taxes payable .....	1,212	1,243	392
Billings in excess of costs and estimated earnings on uncompleted contracts .....	(65)	16	(124)
Client deposits .....	221	26	(153)
Net cash provided by operating activities .....	<u>15,213</u>	<u>5,972</u>	<u>1,420</u>
<b>Cash Flows From Investing Activities:</b>			
Cash paid for acquisitions .....	(45,811)	(10,427)	(4,650)
Purchase of property and equipment .....	(985)	(601)	(825)
Net cash used in investing activities .....	<u>(46,796)</u>	<u>(11,028)</u>	<u>(5,475)</u>
<b>Cash Flows From Financing Activities:</b>			
Proceeds from secondary offering.....	51,319	32,068	-
Payments of secondary offering costs .....	(4,173)	(2,649)	-
Exercise of warrants costs .....	-	(216)	-
Payments on notes payable .....	(4,594)	(10,797)	(1,999)
Payments of contingent consideration.....	(296)	(533)	(233)
Excess tax benefit from stock based compensation.....	892	1,536	-
Payments of debt issuance costs .....	(383)	-	(27)
Payments on stock repurchase obligation .....	-	(935)	(687)
Proceeds from exercise of unit warrant.....	1,008	3,186	5
Net cash provided by (used in) financing activities .....	<u>43,773</u>	<u>21,660</u>	<u>(2,941)</u>
<b>Net increase in Cash and Cash Equivalents</b>	<b>12,190</b>	<b>16,604</b>	<b>(6,996)</b>
Cash and cash equivalents – beginning of period .....	23,476	6,872	13,868
Cash and cash equivalents – end of period .....	<u>\$ 35,666</u>	<u>\$ 23,476</u>	<u>\$ 6,872</u>

*See accompanying notes to consolidated financial statements.*

NV5 Global, Inc. and Subsidiaries  
CONSOLIDATED STATEMENTS OF CASH FLOWS  
(in thousands)

	<b>Year Ended</b>		
	<b>December 31, 2016</b>	<b>December 31, 2015</b>	<b>December 31, 2014</b>
<b>Supplemental disclosures of cash flow information:</b>			
Cash paid for interest .....	\$ 272	\$ 185	\$ 186
Cash paid for income taxes .....	\$ 7,334	\$ 4,371	\$ 1,767
<b>Non-cash investing and financing activities:</b>			
Contingent consideration (earn-out) .....	\$ 1,417	\$ 1,307	\$ 286
Notes payable and other obligations for acquisitions .....	\$ 25,833	\$ 9,250	\$ 4,010
Stock issuance for acquisitions .....	\$ 4,239	\$ 946	\$ 1,046
Payment of contingent consideration with common stock .....	\$ 162	\$ 100	\$ 100
Landlord-funded leasehold improvements .....	\$ -	\$ -	\$ 137

*See accompanying notes to consolidated financial statements.*

## SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

### NV5 GLOBAL, INC.

By: /s/ Dickerson Wright  
**Dickerson Wright**  
**Chairman and Chief Executive Officer**  
**Date: March 10, 2017**

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ Dickerson Wright</u> <b>Dickerson Wright</b>	Chairman and Chief Executive Officer (Principal Executive Officer)	March 10, 2017
<u>/s/ Michael P. Rama</u> <b>Michael P. Rama</b>	Vice President and Chief Financial Officer (Principal Financial and Accounting Officer)	March 10, 2017
<u>/s/ Alexander A. Hockman</u> <b>Alexander A. Hockman</b>	Chief Operating Officer, President and Director	March 10, 2017
<u>/s/ Donald C. Alford</u> <b>Donald C. Alford</b>	Executive Vice President and Director	March 10, 2017
<u>/s/ Gerald J. Salontai</u> <b>Gerald J Salontai</b>	Director	March 10, 2017
<u>/s/ Jeffrey A. Liss</u> <b>Jeffrey A. Liss</b>	Director	March 10, 2017
<u>/s/ William D. Pruitt</u> <b>William D. Pruitt</b>	Director	March 10, 2017
<u>/s/ Francois Tardan</u> <b>Francois Tardan</b>	Director	March 10, 2017



NV5 –

*...a history of success in leading project teams in the successful realization of the Owner's vision and mission...*



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