

BLACKSBURG HIGH SCHOOL

Blacksburg, VA | \$56 M | 285,000 SF

- › **Design-build delivery method** for the replacement of a comprehensive high school
- › **Fast track, PPEA** delivery
- › Compact 3-story design
- › **Community use** areas are separated from the academic wing to allow for after-hours use
- › Client chose not to pursue LEED certification, however, Stantec incorporated numerous **sustainable strategies** into the building and site.
- › School focused on creating an environment for students that reinforces a nurturing environment, positive relationships, high expectations and continuous growth.

“Stantec pulled input from a diverse section of stakeholders to design a building that exceeds expectations. The BHS building is **designed to maximize student learning. It is a warm, inviting place that encourages students to come together to excel.**”

Ms. Brenda Blackburn, Former Superintendent, Montgomery County Public Schools

RELEVANT EXPERTISE



Design-Build



K-12 Education



21st Century Learning



Sustainability



Community
Engagement



Multi-story

Attachment D
PAST PROJECTS – ARCHITECT/ENGINEER

(For **each** cited project, the Proposer shall use a separate copy of this form to provide details of projects that are most similar in size and scope)

1. Architect Name: **Stantec**

If Architect Name is not the same as Proposer's name, state relationship (i.e. parent company, subsidiary, JV etc.):

Project Manager: **Matthew Kavanaugh, AIA**

2. Project Name: **Blacksburg High School PPEA**

Facility Name: **Blacksburg High School**

Project Location: **3401 Bruin Lane, Blacksburg, VA 24060**

Contract # _____ Project # _____
Project Delivery System: **Design/Build - Public Private Education Act (PPEA)**

3. Owner: **Montgomery County Public Schools**

Address: **750 Imperial Street SE, Christiansburg, VA 24073**

Contact Person: **Mr. Dan Berenato, Director of Facilities & Planning**

Contact Title, Phone Number, and Email Address **540-382-5153 | dberenato@mcps.org**

4. Contractor: **Branch and Associates**

Address: **5732 Airport Road, NW, Roanoke, VA 24012**

Contact Person: **Ms. Cathy Underwood, Vice President**

Contact Title, Phone Number, and Email Address **570-989-5215 | cathyu@branch-associates.com**

5. Construction Manager (if any): **Skanska Integrated Solutions/Skanska USA Buildings**

Address: **5010 Hopson Road, Morrisville, NC 57560**

Contact Person: **Mr. Curtis Elswick**

Contact Title, Phone Number, and Email Address **540-423-2860 | curtis.elswick@skanska.com**

Attachment D
PAST PROJECTS – ARCHITECT/ENGINEER

6. Contract Dates (completion dates should reflect substantial completion - if not indicate)

Notice to Proceed: July 14, 2011

Contractual Completion: July 25, 2013

Actual Completion: July 25, 2013

7. Description of Project: New 285,000 SF comprehensive high school.
- _____
- _____

8. Original Contract Value: \$ 56,272,460

Final Contract Value: \$ 56,272,450 (GMP)

Value of Change Orders to Date: \$ 0

Value of Owner Change Orders

To Date: \$ 0

Outstanding Claims to Date: \$ 0

9. Additional Comments (Attach if needed) _____



DC PUBLIC SCHOOLS, MCKINLEY MIDDLE SCHOOL

Washington, DC | \$11.4 M | 60,000 SF

- › **Design-build team included Quinn Evans Architects and Silman**
- › Modernization of historic building originally built in 1926 into a **21st Century Learning Environment**.
- › **Four-story** middle school in the Eckington neighborhood of Washington, DC.
- › **Fast-track** project; design and construction completed in one year.
- › Co-located with McKinley Technical High School.
- › Robust **community engagement** and approvals process.
- › STEM-focused curriculum that puts science on display, fostering academic curiosity and collaboration among students.
 - *Design created a transparent STEM Zone, which houses the labs. The STEM Zone provides high visibility for student projects in order to promote a sense of ownership and pride among the students, as well as stimulate dialogue between disciplines and grade levels.*
- › **LEED Platinum** certified.

“Our agency prides itself on our sustainable quality construction and as **our first LEED Platinum school project**, we are honored to deliver this project to the students, faculty and community as **we continue to support the Mayor’s vision for a Sustainable DC.**”

Brian Hanlon, Director, DC Department of General Service

RELEVANT EXPERTISE



NOVA Experience



Design-Build



K-12 Education



21st Century Learning



Sustainability



Community Engagement



Multi-story

Attachment D

PAST PROJECTS – ARCHITECT/ENGINEER

(For **each** cited project, the Proposer shall use a separate copy of this form to provide details of projects that are most similar in size and scope)

1. Architect Name: Quinn Evans Architects

If Architect Name is not the same as Proposer’s name, state relationship (i.e. parent company, subsidiary, JV etc.): _____

Project Manager: Daniel Curry, AIA, LEED AP

2. Project Name: McKinley Middle School

Facility Name: McKinley Middle School

Project Location: 151 T Street NW
Washington DC 20002

Contract # 1734756937 Project # _____

Project Delivery System: Design-Build

3. Owner: DC Department of General Services

Address: 2000 14th Street NW
8th Floor
Washington DC 20009

Contact Person: Brian Hanlon, Program Manager/Owner’s Representative (Brailsford & Dunlavy)

Contact Title, Phone Number, and Email Address Director of Program Management, 202.698.7762,
bhanlon@programmanagers.com

4. Contractor: Broughton Construction

Address: 807 East Baltimore Street
Baltimore, MD 21202

Contact Person: Casey Stringer

Contact Title, Phone Number, and Email Address Principal, 202.589.0066,
cstringer@broughtonconstruction.com

5. Construction Manager (if any): _____

Address: _____

Contact Person: _____

Contact Title, Phone Number, and Email Address _____

Attachment D

PAST PROJECTS – ARCHITECT/ENGINEER

6. Contract Dates (completion dates should reflect substantial completion - if not indicate)

Notice to Proceed:	<u>8/31/2012</u>
Contractual Completion:	<u>4/10/2015</u>
Actual Completion:	<u>4/10/2015</u>

7. Description of Project: 60,000 SF Renovation & Addition

Please see section 9.1.1.2, Design Experience for additional information

8. Original Contract Value: \$ 11,400,000

Final Contract Value: \$ 11,400,000

Value of Change Orders to Date: \$ 0

Value of Owner Change Orders
To Date: \$ 0

Outstanding Claims to Date: \$ 0

9. Additional Comments (Attach if needed) Change orders were completed within the GMP



DC PUBLIC SCHOOLS, KRAMER MIDDLE SCHOOL

Washington, DC | \$31 M | 156,000 SF

- › Modernization of aging facility into **21st Century Learning Environment**.
- › **Four-story** middle school in the Southeast Washington, DC.
- › **Modified design-build** and phased construction over multiple years.
- › Robust community engagement and approvals process.
- › Designed around a “blended learning” teaching model that combines face-to-face instruction with online content delivery.
- › STEAM-focused curriculum with state-of-the-art labs for robotics, media arts, and culinary arts that leverages adjacencies of the labs to performing and visual arts studios.
- › **LEED Platinum** certified.

RELEVANT EXPERTISE



NOVA Experience



Design-Build



K-12 Education



21st Century Learning



Sustainability



Community Engagement



Multi-story

Attachment D
PAST PROJECTS – ARCHITECT/ENGINEER

(For **each** cited project, the Proposer shall use a separate copy of this form to provide details of projects that are most similar in size and scope)

1. Architect Name: Quinn Evans Architects

If Architect Name is not the same as Proposer’s name, state relationship (i.e. parent company, subsidiary, JV etc.): _____

Project Manager: Jeffrey Luker, AIA, LEED AP

2. Project Name: Kramer Middle School

Facility Name: Kramer Middle School

Project Location: 1700 Q Street SE
Washington, DC 20020

Contract # DCAM14AE0055A Project # _____

Project Delivery System: Design-Build

3. Owner: DC Department of General Services

Address: 2000 14th Street NW
8th Floor
Washington DC 20009

Contact Person: Stephen Kitterman, Program Manager/Owner’s Representative (McKissack & McKissack)

Contact Title, Phone Number, and Email Address Program Director, 202.347.1446,
stephen.kitterman@mckissackdc.com

4. Contractor: Turner Construction Company

Address: 11413 Isaac Newton Square
Reston, VA 20190

Contact Person: Jim Lears

Contact Title, Phone Number, and Email Address Special Projects Division Manager, 202.448.5383,
jlears@tcco.com

5. Construction Manager (if any): _____

Address: _____

Contact Person: _____

Contact Title, Phone Number, and Email Address _____

Attachment D

PAST PROJECTS – ARCHITECT/ENGINEER

6. Contract Dates (completion dates should reflect substantial completion - if not indicate)

Notice to Proceed:	<u>12/9/2013</u>
Contractual Completion:	<u>8/28/2015</u>
Actual Completion:	<u>8/28/2015</u>

7. Description of Project: 156,000 SF Renovation

Please see section 9.1.1.2, Design Experience for additional information

8. Original Contract Value: \$ 29,500,000

Final Contract Value: \$ 29,500,000

Value of Change Orders to Date: \$ 0

Value of Owner Change Orders
To Date: \$ 0

Outstanding Claims to Date: \$ 0

9. Additional Comments (Attach if needed) Change orders were completed within the GMP



QUINN EVANS
ARCHITECTS

DC PUBLIC SCHOOLS, VAN NESS ELEMENTARY SCHOOL

Washington, DC | \$27.1 M | 58,000 SF

- › Modernization of an underutilized 1956 facility into a **21st Century Learning Environment**.
- › **Three-story** elementary school in the Navy Yard neighborhood of Washington, DC.
- › **Fast-track design build**; design and construction completed in one year for phase 1 and the following summer for phase 2.
- › Site design re-organized the arrival and dismissal sequence and provided the school with a secure play area.
- › **New community resource for the neighborhood**.
- › Robust **community engagement** and approvals process.
- › **LEED Gold** certified.

“[The] renovations are beautiful. The educators, students, and families love the spaces. Van Ness truly is a wonderful place for children to explore and learn.”

Meredith Fascett, Advisory Neighborhood Commissioner

RELEVANT EXPERTISE



NOVA Experience



Design-Build



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Multi-story

Attachment D
PAST PROJECTS – ARCHITECT/ENGINEER

(For **each** cited project, the Proposer shall use a separate copy of this form to provide details of projects that are most similar in size and scope)

1. Architect Name: Quinn Evans Architects

If Architect Name is not the same as Proposer’s name, state relationship (i.e. parent company, subsidiary, JV etc.): _____

Project Manager: Jeffrey Luker, AIA, LEED AP

2. Project Name: Van Ness Elementary School

Facility Name: Van Ness Elementary School

Project Location: 1150 5th Street SE
Washington, DC 20003

Contract # DCAM14AE0176 Project # _____

Project Delivery System: Design-Build

3. Owner: DC Department of General Services

Address: 2000 14th Street NW
8th Floor
Washington DC 20009

Contact Person: Hakim Chambers, Program Manager/Owner’s Representative (Brailsford & Dunlavy)

Contact Title, Phone Number, and Email Address Project Manager, 202.727.2163,
hchambers@programmanagers.com

4. Contractor: Whiting Turner Contracting Company

Address: 6305 Ivy Lane
Suite 800
Greenbelt, MD 20770

Contact Person: Susan Castellan

Contact Title, Phone Number, and Email Address Project Manager, 202.462.5334
susan.castellan@whiting-turner.com

5. Construction Manager (if any): _____

Address: _____

Contact Person: _____

Contact Title, Phone Number, and Email Address _____

Attachment D

PAST PROJECTS – ARCHITECT/ENGINEER

6. Contract Dates (completion dates should reflect substantial completion - if not indicate)

Notice to Proceed:	<u>11/19/2014</u>
Contractual Completion:	<u>8/21/2016</u>
Actual Completion:	<u>8/21/2016</u>

7. Description of Project: 58,000 SF Renovation and Addition

Please see section 9.1.1.2, Design Experience for additional information

8. Original Contract Value: \$ 27,100,000

Final Contract Value: \$ 27,100,000

Value of Change Orders to Date: \$ 0

Value of Owner Change Orders
To Date: \$ 0

Outstanding Claims to Date: \$ 0

9. Additional Comments (Attach if needed) Change orders were completed within the GMP

PAST PROJECTS – ARCHITECT/ENGINEER



Today's educational environments are designed to be high performance in every way, with flexible learning spaces and advanced instructional technology that support collaboration, creativity, hands-on learning, and diverse community use.

Stantec is consistently ranked by *Building Design + Construction* as the No. 1 design firm in the country serving K-12 clients. Our work spans the complete spectrum of project type and complexity. We fully understand the myriad forces that are reshaping traditional learning processes and the places in which they occur, as well as the range of response from educators and designers alike.



For years, Stantec has been at the forefront of the national conversation in learning space redesign, and have amassed an impressive portfolio of forward-thinking public school projects. Our vast experience means we know which questions to ask, and how best to leverage the potential of George Mason High School to serve the future of the Falls Church community.

We have provided project sheets for relevant projects correlating to 9.1.1.2 and Attachment B 1.a, 1.b, 1.d on the following pages. Additionally, for each detailed project sheet, we have included a completed Attachment D form.

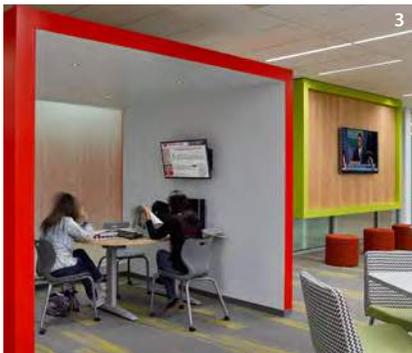
In the past 10 years, Stantec has designed

100+ HIGH SCHOOLS

45+ STEM/STEAM SCHOOLS AND ACADEMIES



3 "NEW TECH" ACADEMY PROJECT-BASED SCHOOLS



1 Olathe West High School - Olathe, KS 2 Kramer Middle School - Washington, DC 3 Brook Point High School - Stafford, VA 4 Bloomfield Hills High School - Bloomfield, MI



Quinn Evans Architects' projects range from the restoration of celebrated historic school properties to state-of-the-art STE(A)M and athletic facilities in both urban and suburban settings. Our **sustainable design strategies** optimize building operations, conserve resources, and reinforce environmental literacy curricula. We work closely with clients and communities to design **vibrant educational settings** that inspire a love of lifelong learning.

Today's educational environments are designed to be **high performance** in every way, with flexible learning spaces and advanced instructional technology that support collaboration, creativity, hands-on learning, and diverse community use. Our K-12 projects promote achievement through the thoughtful integration of furnishings and educational technology to provide **adaptable, student-centered** settings.

Our projects range from the restoration of celebrated historic school properties to state-of-the-art STE(A)M and athletic facilities in both urban and suburban settings. Our **sustainable design strategies** optimize building operations, conserve resources, and reinforce environmental literacy curricula. We understand the need to support a dynamic student experience, from independent learning to teamwork and community-building. We work closely with clients and communities to design **vibrant educational settings** that inspire a love of lifelong learning.



1 McKinley Middle School - Washington, DC 2 Washington-Lee High School - Arlington, Virginia 3 The Pilot School - Wilmington, Delaware 4 Kramer Middle School - Washington, DC



RECENT K-12 PROJECTS

Marie H. Reed Community Learning Center

Washington, DC

Stratford Middle School

Arlington, Virginia

The Pilot School

Wilmington, Delaware

Van Ness Elementary School

Washington, DC

Washington-Lee High School

Arlington, Virginia

McKinley Middle School

Washington, DC

Washington Waldorf School

Bethesda, Maryland

Baltimore School for the Arts

Baltimore, Maryland

Kramer Middle School

Washington, DC

QEA has completed



18 LEED certified education environments

4 including LEED Platinum



PROJECT PERFORMANCE

1.D. PROJECTS DESIGNED BY DERK JEFFREY,
DESIGN PROJECT MANAGER



RELEVANT EXPERIENCE



PROJECT

	NOVA Experience	K-12 Education	21st Century Learning Environment	Sustainable Buildings	Community Engagement	Multi-Story
ST. CHARLES HIGH SCHOOL <i>Waldorf, MD</i>		🍏	🍏	🍏	🍏	🍏
RIVERSIDE HIGH SCHOOL <i>Leesburg, VA</i>	🍏	🍏	🍏	🍏	🍏	🍏
ROCK RIDGE HIGH SCHOOL <i>Ashburn, VA</i>	🍏	🍏	🍏	🍏	🍏	🍏
ACADEMIES OF LOUDOUN* <i>Leesburg, VA</i>	🍏	🍏	🍏	🍏	🍏	🍏

*Although not yet completed, we felt this project highlights important features, specifically relevant to the George Mason High School project.



ST. CHARLES HIGH SCHOOL

Waldorf, MD | \$71.6 M | 288,283 SF

- › **New comprehensive high school** with STEM focus
- › Core academic spaces are broken into four small learning communities, each featuring classroom space, breakout areas and support spaces.
- › Design transparency throughout the building highlights learning
- › Highly flexible furnishings throughout further promote collaborative work.
- › The main entrance serves as the center of activity, featuring an “agora-style” cafeteria that provides access to the main office, instructional resource center, gymnasium, pool, auditorium, library, and STEM program.
- › Adjacent to the main entrance is the centerpiece of the STEM program: The James E. Richmond Science Center. Features Includes a state-of-the-art 60-foot diameter, 184-seat Digital Dome Classroom, a 6-foot diameter NOAA Science On a Sphere®, and an experiential learning center.
- › **3-story vertical, building**
- › **LEED Silver** certified
- › **ENR Mid-Atlantic Project of the Year, 2015**



ENR Mid-Atlantic - 2015, Mid-Atlantic Project of the Year

RELEVANT EXPERTISE



K-12 Education



21st Century Learning



Sustainability



Community Engagement



Multi-story

Attachment D
PAST PROJECTS – ARCHITECT/ENGINEER

(For **each** cited project, the Proposer shall use a separate copy of this form to provide details of projects that are most similar in size and scope)

1. Architect Name: **Stantec** _____

If Architect Name is not the same as Proposer’s name, state relationship (i.e. parent company, subsidiary, JV etc.): _____

Project Manager: **Derk Jeffrey, AIA, NCARB, LEED AP, REFP** _____

2. Project Name: **St. Charles High School** _____

Facility Name: **St. Charles High School** _____

Project Location: **5305 Piney Church Road, Waldorf, MD 20602** _____

Contract # _____ Project # _____

Project Delivery System: **CM at Risk** _____

3. Owner: **Charles County Public Schools** _____

Address: **5980 Radio Station Road, La Plata, MD 20646** _____

Contact Person: **Mr. Chuck Wineland, Assistant Superintendent of Support Services (retired)** _____

Contact Title, Phone Number, and Email Address **301-908-3592 | no email available** _____

4. Contractor: **HESS** _____

Address: **804 West Diamond Avenue, Suite 300, Gaithersburg, MD 20878** _____

Contact Person: **Mr. Justin Fisher** _____

Contact Title, Phone Number, and Email Address **301-670-9000 | jfisher@HessConstruction.com** _____

5. Construction Manager (if any): _____

Address: _____

Contact Person: _____

Contact Title, Phone Number, and Email Address _____

Attachment D
PAST PROJECTS – ARCHITECT/ENGINEER

6. Contract Dates (completion dates should reflect substantial completion - if not indicate)

Notice to Proceed: June 6, 2012

Contractual Completion: March 28, 2014

Actual Completion: March 28, 2014 / pool completed January 2015

7. Description of Project: New 288,283 comprehensive high school with STEM focus.
-
-

8. Original Contract Value: \$ 64,480,603

Final Contract Value: \$ 71,622,799

Value of Change Orders to Date: \$ 692,166

Value of Owner Change Orders

To Date: \$ 6,750,000 (pool addition)

Outstanding Claims to Date: \$ 0

9. Additional Comments (Attach if needed) _____



RIVERSIDE HIGH SCHOOL
Leesburg, VA | \$75 M | 275,386 SF

ROCK RIDGE HIGH SCHOOL
Ashburn, VA | \$66 M | 283,422 SF

- › Rock Ridge High School and Riverside High School represent the **most recently constructed iterations of a prototype plan designed by Stantec** (former SHW Group) over 15 years ago.
- › Loudoun County Public Schools and Stantec have worked together to leverage the many benefits of this prototype by constructing it more than ten times!
- › Accelerated production schedule to accommodate District’s desire to open Rock Ridge HS one year earlier than originally anticipated.
- › The following refinements were incorporated in the design:
 - Relocation of Main Office and Media Center to improve visitor arrival and access control sequences;
 - Re-alignment of several corridors to improve efficiency and supervision; Introduction of natural light and views into more areas of the school;
 - Redesign of locker rooms, art rooms, performing arts and other areas to improve functionality;
 - Enhancement of the building envelope to improve energy performance.
 - The new design is targeted at a baseline **31% improvement over current ASHRAE standards**;
 - Simplified overall plan, massing and structural logic to improve constructability.
- › Both schools are designed as **Virginia CHPS** and **Energy-Star exemplars**.

“ Acceptance and immediate action to provide an all hands on deck approach to opening the school a year early is greatly appreciated and has proven to be an invaluable asset to the project and LCPS as a whole. ”

Kevin Lewis, PE Assistant Superintendent - Support Services, Loudoun County Public Schools

RELEVANT EXPERTISE



NOVA Experience



K-12 Education



21st Century Learning



Sustainability



Community Engagement



Multi-story

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1. Architect Name: **Stantec**

If Architect Name is not the same as Proposer's name, state relationship (i.e. parent company, subsidiary, JV etc.): _____

Project Manager: **Derk Jeffrey, AIA, NCARB, LEED AP, REFP**

2. Project Name: **Riverside High School**

Facility Name: **Riverside High School**

Project Location: **19019 Upper Belmont Pl, Leesburg, VA 20176**

Contract # _____ Project # _____

Project Delivery System: **Design/Bid/Build**

3. Owner: **Loudoun County Public Schools**

Address: **21000 Education Court, Ashburn, VA 20148**

Contact Person: **Mr. Bill Boyd, Architect, Loudoun County Public Schools**

Contact Title, Phone Number, and Email Address **571-252-1161 | william.boyd@lcps.org**

4. Contractor: **The Christman Company**

Address: **22560 Glenn Drive, Suite 108, Sterling, VA 20164**

Contact Person: **Mr. Scott Jones, Vice President**

Contact Title, Phone Number, and Email Address **313-908-6060 | scott.jones@christmanco.com**

5. Construction Manager (if any): _____

Address: _____

Contact Person: _____

Contact Title, Phone Number, and Email Address _____

Attachment D**PAST PROJECTS – ARCHITECT/ENGINEER**

6. Contract Dates (completion dates should reflect substantial completion - if not indicate)

Notice to Proceed: July 19, 2013

Contractual Completion: June 1, 2015

Actual Completion: September 1, 2015

7. Description of Project: 275,386 SF, 1600 student capacity new comprehensive high school.

This high school was design and constructed concurrently with Rock Ridge High School. LCPS and Stantec have leveraged the many benefits of this prototype by constructing it more than ten times.

8. Original Contract Value: \$ 75,262,750

Final Contract Value: \$75,118,112

Value of Change Orders to Date: \$ - 149,589

Value of Owner Change Orders

To Date: \$ _____

Outstanding Claims to Date: \$ _____

9. Additional Comments (Attach if needed) There were negotiations that allowed for collection of “liquidated damages” to offset all additional costs from CO’s and allow dates to be recorded as stated above.

There is one outstanding PCO that will lead to a final Change Order that will revise the Final Contract Value. The PCO amount is relatively small at \$4,950. The final contract value will be (\$75,118,112) which is (\$144,638) less than the original contract value of (\$75,262,750)

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PAST PROJECTS – ARCHITECT/ENGINEER

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1. Architect Name: **Stantec**

If Architect Name is not the same as Proposer's name, state relationship (i.e. parent company, subsidiary, JV etc.): _____

Project Manager: **Derk Jeffrey, AIA, NCARB, LEED AP, REFP**

2. Project Name: **Rock Ridge High School**

Facility Name: **Rock Ridge High School**

Project Location: **43460 Loudoun Reserve Dr, Ashburn, VA 20148**

Contract # _____ Project # _____

Project Delivery System: **Design/Bid/Build**

3. Owner: **Loudoun County Public Schools**

Address: **21000 Education Court, Ashburn, VA 20148**

Contact Person: **Mr. Bill Boyd, Architect, Loudoun County Public Schools**

Contact Title, Phone Number, and Email Address **571-252-1161 | william.boyd@lcps.org**

4. Contractor: **HESS**

Address: **804 West Diamond Avenue, Suite 300, Gaithersburg, MD 20878**

Contact Person: **Mr. Todd Ward, Senior Vice President**

Contact Title, Phone Number, and Email Address **240-599-4729 | tward@hessconstruction.com**

5. Construction Manager (if any): _____

Address: _____

Contact Person: _____

Contact Title, Phone Number, and Email Address _____

Attachment D**PAST PROJECTS – ARCHITECT/ENGINEER**

6. Contract Dates (completion dates should reflect substantial completion - if not indicate)

Notice to Proceed: March 18, 2013

Contractual Completion: September 2, 2014

Actual Completion: September 2, 2014

7. Description of Project: 283,422 SF, 1800 student capacity comprehensive high school. This high school was design and constructed concurrently with Riverside High School. LCPS and Stantec have leveraged the many benefits of this prototype by constructing it more than ten times.

8. Original Contract Value: \$63,520,051

Final Contract Value: \$66,214,835

Value of Change Orders to Date: \$ 2,694,784

Value of Owner Change Orders

To Date: \$ 2,065,491

Outstanding Claims to Date: \$ 0

9. Additional Comments (Attach if needed) \$2.69M in change orders and \$2.07M was owner driven changes. About \$620,000 of E&O change orders which is less than 1% of contract value.



ACADEMIES OF LOUDOUN

Leesburg, VA | \$92.5 M | 305,880 SF

- › New STEM/CTE school that co-locates three existing high school programs
- › Will serve **2,500 students** in grades 9-12 (1,250 students per day on an alternating-day schedule)
- › Fulfills Loudoun County Public schools' vision to integrate advanced academic and technical programs, but also the growing trend in public education to create more contextualized, hands-on learning experiences for all.
- › Designed to celebrate the formal work of the students within each academy – and to promote informal learning across all academies – through a highly transparent and spatially connected design
- › **Green features** such as stormwater management system and green roof
- › Project will open for the 2018-2019 school year

“ The Stantec team willingly took on the challenge of trying to understand the school division’s mission and vision for this project. Many hours were spent with various branches of the Stantec team to bring this idea to life. In the end, we finalized a product that exceeded expectations. ”

*Ms. Shirley L. Bazdar, Director of Career and Technical & Adult Education (Retired),
Loudoun County Public Schools*

RELEVANT EXPERTISE



NOVA Experience



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(For **each** cited project, the Proposer shall use a separate copy of this form to provide details of projects that are most similar in size and scope)

1. Architect Name: **Stantec**

If Architect Name is not the same as Proposer's name, state relationship (i.e. parent company, subsidiary, JV etc.): _____

Project Manager: **Derk Jeffrey, AIA, NCARB, LEED AP, REFP**

2. Project Name: **Academies of Loudoun**

Facility Name: **Academies of Loudoun**

Project Location: **41977 Loudoun Academy Drive, Leesburg, VA 20175**

Contract # _____ Project # _____

Project Delivery System: **CM at Risk**

3. Owner: **Loudoun County Public Schools**

Address: **21000 Education Court, Ashburn, VA 20148**

Contact Person: **Mr. Gary Van Alstyne, PE, Director-Construction Services**

Contact Title, Phone Number, and Email Address **571-252-1161 | Gary.VanAlstyne@lcps.org**

4. Contractor: **Holder Construction Group**

Address: **2325 Dulles Corner Blvd, Suite 1110, Herndon, VA 20171**

Contact Person: **Todd Fehd, Director**

Contact Title, Phone Number, and Email Address **703-796-2431 | tfeh@holder.com**

5. Construction Manager (if any): _____

Address: _____

Contact Person: _____

Contact Title, Phone Number, and Email Address _____

Attachment D**PAST PROJECTS – ARCHITECT/ENGINEER**

6. Contract Dates (completion dates should reflect substantial completion - if not indicate)

Notice to Proceed: February 16, 2016

Contractual Completion: March 30, 2018

Actual Completion: _____

7. Description of Project: New 305,880 SF STEM and career technical education school that co-locates three existing high school programs in one building.
- _____
- _____

8. Original Contract Value: \$ 104,355,947

Final Contract Value: \$

Value of Change Orders to Date: \$ 0

Value of Owner Change Orders

To Date: \$ 0

Outstanding Claims to Date: \$ 0

9. Additional Comments (Attach if needed) _____

PROJECT PERFORMANCE

1.A. MOST SIMILAR TO THIS PROJECT



RELEVANT EXPERIENCE



PROJECT

	NOVA Experience	Design-Build	K-12 Education	21st Century Learning Environment	Sustainable Buildings	Community Engagement	Multi-Story
H.D. WOODSON HIGH SCHOOL <i>Washington, DC</i>	Apple	Apple	Apple	Apple	Apple	Apple	Apple
OLATHE WEST HIGH SCHOOL <i>Olathe, KS</i>			Apple	Apple	Apple	Apple	Apple
BLOOMFIELD HILLS HIGH SCHOOL <i>Bloomfield Hills, MI</i>			Apple	Apple	Apple	Apple	Apple
APS ARLINGTON CAREER CENTER* <i>Arlington, VA</i>	Apple		Apple	Apple	Apple	Apple	Apple
ANDY DEKANEY HIGH SCHOOL <i>Spring, TX</i>		Apple	Apple	Apple			



H.D. WOODSON HIGH SCHOOL

Washington, DC | \$98 M | 231,000 SF

- › **Design-build** delivery method for the replacement comprehensive high school with STEM focus, reflects the best of architectural planning and design for education, and was used as a model of expectation throughout the District
- › **Assisted the District** to establish a shared understanding of the meaning and facility design implications of the instructional vision of STEM
- › Evaluated a variety of options to renovate and/or demolish the existing H.D. Woodson High School structure; developed alternative timelines for delivery (including phasing plans for an occupied facility); **established sustainable design criteria** and implementation strategies; and facilitated staff and community dialogues.
- › **LEED Gold** certified
- › **Learning by Design, Outstanding Project 2013**
- › **School Planning & Management Education Design Showcase Project of Distinction, 2013**

“Stantec is a true team player.”

Mr. Todd Ward, Senior Vice President of Operations, HESS

RELEVANT EXPERTISE



NOVA Experience



Design-Build



K-12 Education



21st Century Learning



Sustainability



Community Engagement



Multi-story

Attachment D
PAST PROJECTS – ARCHITECT/ENGINEER

(For **each** cited project, the Proposer shall use a separate copy of this form to provide details of projects that are most similar in size and scope)

1. Architect Name: **Stantec**

If Architect Name is not the same as Proposer's name, state relationship (i.e. parent company, subsidiary, JV etc.): **Cox Graae Spack Architects (Architect of Record)**

Project Manager: **Derk Jeffrey, AIA, NCARB, LEED AP, REFP (Stantec)**

2. Project Name: **H.D. Woodson High School**

Facility Name: **H.D. Woodson High School**

Project Location: **540 55th Street, NE, Washington, DC 20019**

Contract # _____ Project # _____

Project Delivery System: **Design/Build**

3. Owner: **District of Columbia Public Schools**

Address: **1200 First Street, NW Washington, DC 20002**

Contact Person: **n/a - all have since retired/left System**

Contact Title, Phone Number, and Email Address n/a _____

4. Contractor: **HESS**

Address: **804 W Diamond Ave #300, Gaithersburg, MD 20878**

Contact Person: **Mr. Todd Ward, Senior Vice President**

Contact Title, Phone Number, and Email Address **240-599-4729 | tward@hessconstruction.com**

5. Construction Manager (if any): _____

Address: _____

Contact Person: _____

Contact Title, Phone Number, and Email Address _____



OLATHE WEST HIGH SCHOOL

Olathe, KS | \$75 M | 373,494 SF

- › **New three-story** comprehensive high school that focuses on **21st Century Learning**, which emphasizes the use of technology; open, modular learning spaces; and collaboration among students. Opened in Fall 2017.
- › The design centers around a **three-story** learning commons. Features student gathering spaces and will connect to the media center, which is open rather than closed, and the four wings, called learning communities, where students will attend regular classes.
- › Designed for **2,000 students**, distributed among four learning communities, with separate student neighborhoods and space for administration and support staff. The classrooms are oriented toward a more project-focused lesson plan and will be built with flexible furniture so they can be arranged for large and small group classes.
- › The high school also includes a performing arts center, three gymnasium spaces and practice fields for soccer, baseball, softball, football and tennis.
- › Designed by Stantec in association with Hollis+Miller

“**Our entire community** is thankful for the design innovation, professionalism, and collaborative process the **Stantec team contributed** to making our **project a success**. Working with Stantec has been a pleasure, and I **highly recommend them for your next project**.”

Mr. Jon G. Thomason, Construction Manager, Olathe Public Schools

RELEVANT EXPERTISE



K-12 Education



21st Century Learning



Sustainability



Community Engagement



Multi-story

Attachment D
PAST PROJECTS – ARCHITECT/ENGINEER

(For **each** cited project, the Proposer shall use a separate copy of this form to provide details of projects that are most similar in size and scope)

1. Architect Name: **Stantec**

If Architect Name is not the same as Proposer's name, state relationship (i.e. parent company, subsidiary, JV etc.): **Hollis + Miller (Architect of Record)**

Project Manager: **Tavo Reyes, AIA (Stantec)**

2. Project Name: **Olathe West High School**

Facility Name: **Olathe West High School**

Project Location: **2200 W. Santa Fe Street, Olathe, KS 66061**

Contract # _____ Project # _____

Project Delivery System: **CM at Risk**

3. Owner: **Olathe USE #233**

Address: **14160 Blackbob Road, Olathe, KS 66062**

Contact Person: **Dr. Alison Banikowski, Deputy Superintendent**

Contact Title, Phone Number, and Email Address **913-780-8028 | drb@olatheschools.org**

4. Contractor: **McCownGordon Construction**

Address: **422 Admiral Blvd, Kansas City, MO 64106**

Contact Person: **Ramin R. Cherifat, Chief Operating Officer**

Contact Title, Phone Number, and Email Address **816-877-0651 | RCherifat@mccowngordon.com**

5. Construction Manager (if any): _____

Address: _____

Contact Person: _____

Contact Title, Phone Number, and Email Address _____

Attachment D**PAST PROJECTS – ARCHITECT/ENGINEER**

6. Contract Dates (completion dates should reflect substantial completion - if not indicate)

Notice to Proceed: November 4, 2013

Contractual Completion: Spring 2017

Actual Completion: August 2017

7. Description of Project: New 375,000 SF 3-story comprehensive high school.
- _____
- _____

8. Original Contract Value: \$ 75,000,000

Final Contract Value: \$ _____

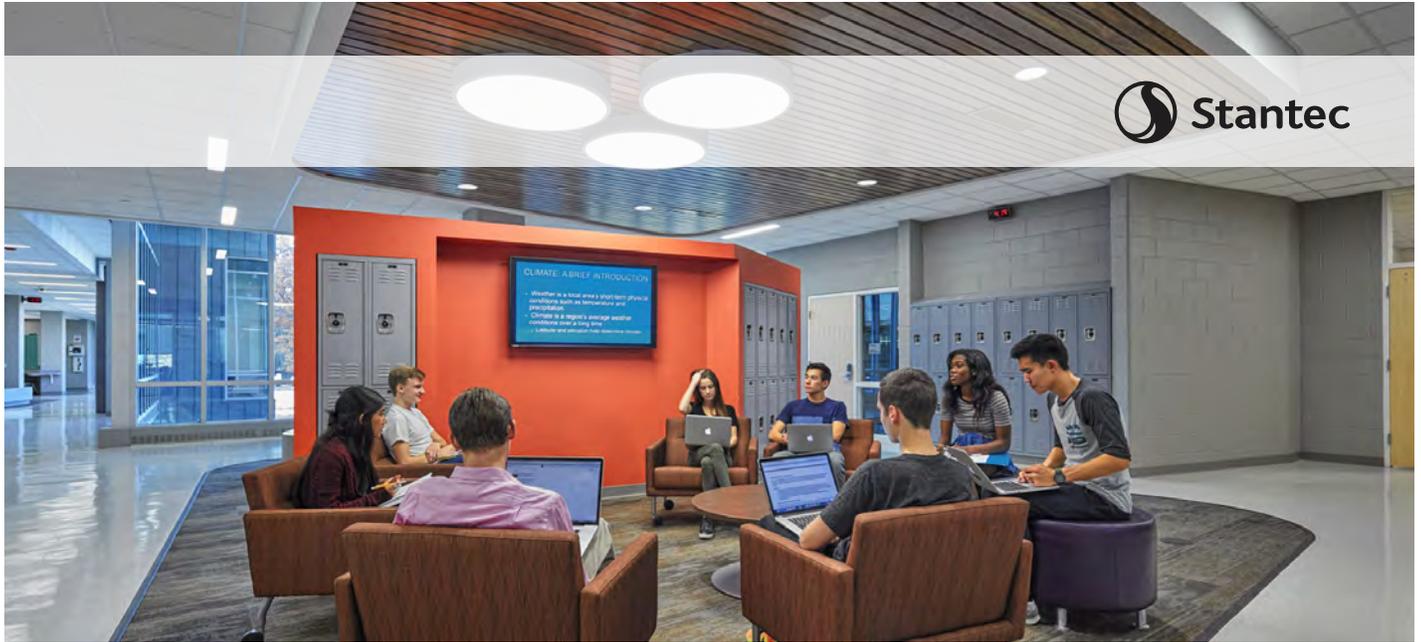
Value of Change Orders to Date: \$ _____

Value of Owner Change Orders
To Date: \$ _____

Outstanding Claims to Date: \$ _____

9. Additional Comments (Attach if needed) **Hollis + Miller is the Architect of Record. Stantec was only responsible for planning and design of the project. Our lump sum fee was Visioning through Design Development (\$660,380). After DD, Hollis + Miller finished the Construction Documents and Construction Administration. Stantec was involved for some design assistance during CDs and CA as an Add Service. The original construction budget was \$75 million.**

Since Stantec was not Architect of Record, we do not know the final contract value, change orders, or claim history.



BLOOMFIELD HILLS HIGH SCHOOL

Bloomfield Hills, MI | \$78.9 M | 350,000 SF

- › Replacement and consolidation of two aging high schools into one comprehensive facility
- › **233,00 new construction**, 117,000 SF renovation of existing building, opened 2015
- › Design enhances an entirely **new pedagogy** featuring small technology-rich learning communities with a variety of learning spaces that encourage collaboration, student directed learning, project-based learning and interdisciplinary instruction
- › School also features fine arts, music, performing arts center, student radio and TV, gymnasium/field house, 12 lane pool and central commons/building ‘heart’ with media and knowledge market.
- › Students dine throughout the entire facility utilizing a distributed dining concept that strengthens relationships and collaboration within individual learning communities.
- › **American School & University, Outstanding High School Design, Architectural Portfolio, 2016**

“ With a very tight budget and limited square footage to work with, Stantec added value through the maximum utilization of our space. Their progressive ideas addressed our current and future needs, and helped to enlighten us as to possibilities we didn’t realize existed. ”

Mr. Robert Glass, Superintendent Bloomfield Hills Schools

RELEVANT EXPERTISE



K-12 Education



21st Century Learning



Sustainability



Community Engagement



Multi-story

Attachment D
PAST PROJECTS – ARCHITECT/ENGINEER

(For **each** cited project, the Proposer shall use a separate copy of this form to provide details of projects that are most similar in size and scope)

1. Architect Name: **Stantec**

If Architect Name is not the same as Proposer's name, state relationship (i.e. parent company, subsidiary, JV etc.): _____

Project Manager: **Mike Baker, AIA**

2. Project Name: **Bloomfield Hills High School**

Facility Name: **Bloomfield Hills High School**

Project Location: **4200 Andover Road, Bloomfield Hills, MI 48302**

Contract # _____ Project # _____

Project Delivery System: **Construction Manager**

3. Owner: **Bloomfield Hills Schools**

Address: **4200 Andover Road, Bloomfield Hills, MI 48302**

Contact Person: **Rob Glass, Superintendent**

Contact Title, Phone Number, and Email Address **248-341-5407 | RGlass@bloomfield.org**

4. Contractor: _____

Address: _____

Contact Person: _____

Contact Title, Phone Number, and Email Address _____

5. Construction Manager (if any): **Barton Malow Company**

Address: **26500 American Drive, Southfield, MI 48034**

Contact Person: **Steven Lorenzo, CCM, LEED AP, Senior Project Director, Central Region**

Contact Title, Phone Number, and Email Address **248-436-5484 | steven.lorenzo@bartonmalow.com**

Attachment D
PAST PROJECTS – ARCHITECT/ENGINEER

6. Contract Dates (completion dates should reflect substantial completion - if not indicate)

Notice to Proceed: June 2013

Contractual Completion: July 2015

Actual Completion: August 2015

7. Description of Project: 233,000 new construction and 117,000 renovation of existing high school
-
-

8. Original Contract Value: \$ 78,800,000

Final Contract Value: \$ 82,607,000

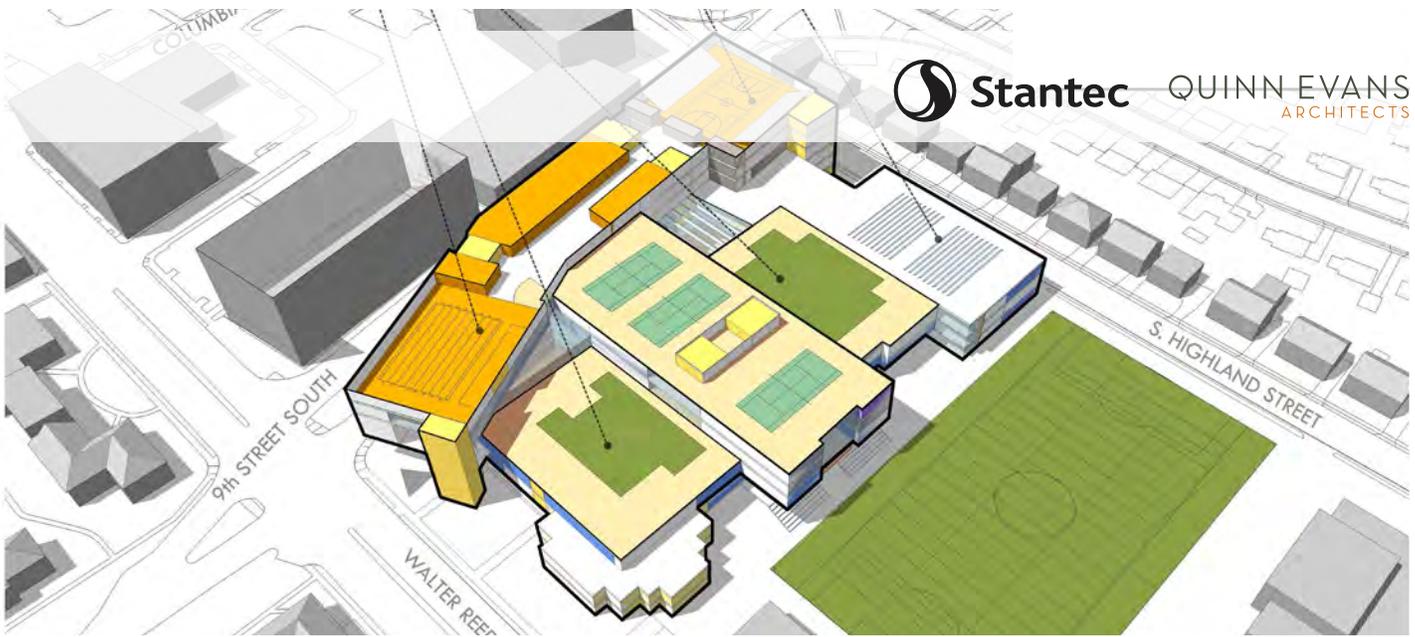
Value of Change Orders to Date: \$ 3,807,000

Value of Owner Change Orders

To Date: \$ 2,920,0000

Outstanding Claims to Date: \$ 0

9. Additional Comments (Attach if needed) _____



ARLINGTON PUBLIC SCHOOLS, ARLINGTON CAREER CENTER

Arlington, VA | approximately \$152 M | approximately 250,000–350,000 SF

- › The Arlington Career Center (ACC) is a diverse and **dynamic setting for contemporary learning** that integrates rigorous academic and technical programs with a project-based model of instruction.
- › For several years, Stantec has worked with Arlington Public Schools' representatives to study a number of possible development scenarios for this campus, including a campus master plan completed in 2017 **with assistance from Quinn Evans Architects.**
- › The findings of the 2017 ACC campus masterplan subsequently inspired **a robust community engagement** process that, like Falls Church City, brings together stakeholders from the school, county government and business communities to define the preferred, long-term vision for this site.
- › **Stantec's leadership of the six-month long "community working group"** process is currently underway, and the outcomes will establish the parameters for a major capital expansion of the campus to accommodate as many as 2,500 students by 2022.
- › The features of the **expanded high school concept developed by Stantec includes a four-six story structure** (not including underground parking), with rooftops used for outdoor learning, urban agriculture, tennis courts, and photovoltaic arrays.
- › Construction will occur in a phased manner over several years, carefully planned to maintain uninterrupted operation of specialized technical programs and core facilities.

RELEVANT EXPERTISE



NOVA Experience



21st Century Learning



Sustainability



Community Engagement



Multi-story



ANDY DEKANEY HIGH SCHOOL

Spring, TX | \$55.8 M | 486,000 SF

- › A Stantec-Gilbane collaboration, Andy Dekaney High School was designed to **serve 2500 students in grades 9-12** on a wooded 81-acre site. **Core instruction is organized into four small learning communities**, each with about 600 students vertically aligned in grades 9-12.
- › Each community is identified by an entry/commons area with a unique architectural character.
- › The building includes a library and cafeteria, an auditorium (900 seats) with two large group instruction spaces, a Starbucks near the library for the students, band and choir halls, blackbox theater, visual arts, career technology, and multiple gyms (competition gym with 2000 seats), an aquatic center (25m, 6 lane pool), and other athletic spaces.
- › The design provides opportunities to celebrate individual accomplishments through multiple display areas and visual connections into program areas.
- › The small learning communities, administration, athletics, library, cafeteria, auditorium, and large group instruction are all connected to one another through the “main street corridor”.
- › This main spine of the building consists of two-tier clerestory windows to bring in natural light. The windows introduce outside views while keeping a separation of noisy functions like cafeterias, band, and athletics from quiet study and administrative areas.



Learning by Design - 2009, Outstanding Project

TASA-TASB - 2008, Caudill Award

American School & University Architectural Portfolio - 2008, Outstanding Designs: High School

American School & University-Educational Interiors Showcase - 2008, Bronze Citation Award

School Planning & Management-Education Design Showcase - 2008, Project of Distinction Winner

RELEVANT EXPERTISE



Design-Build



K-12 Education



21st Century Learning

PROJECT PERFORMANCE

1.B. PROJECTS IN THE LAST FIVE YEARS
GREATER THAN \$80 MILLION





Academies of Loudoun – Loudoun, VA | \$92 million | 305,880 SF



St. Charles High School – Waldorf, MD | \$72.5 million | 288,283 SF



College Station High School
College Station, TX | \$91 million | 449,451 SF



High School No. 11 – Leesburg, VA | \$97 million | 282,000 SF



Klein High School – Klein, TX |
\$108 million | 674,633 SF



Memorial High School
Frisco, TX | \$85 million | 385,000 SF



Bloomfield Hills High School – Bloomfield Hills, MI | \$78.8 million | 350,000 SF



Johnson High School – Hays, TX | \$122 million | 413,900 SF