Statement of Qualifications
Project No. 2021-224
Center for Vocational & Transitional Studies
Lower Columbia College - Longview, WA

May 5, 2022

msgs architects
In association with
Rovelstad Architects

LETTER OF INTEREST

msgs architects

May 5, 2022

Attention: Nate Abkemeier, Project Manager
Department of Enterprise Services
1500 Jefferson Street Southeast
Olympia, WA 98501

RE: Statement of Qualifications - Project No. 2021-224
Center for Vocational & Transitional Studies
Lower Columbia College, Longview, Washington

Dear Mr. Abkemeier and the Project Selection Team,

MSGS Architects has been working with the State of Washington's Higher Education system since 1982. In those 40 years, we have completed architectural designs for buildings now built at Centralia College, Pierce College, Fort Steilacoom, Pierce College, Puyallup, The Evergreen State College, Bates Technical College, South Puget Sound Community College and others. We have also been on-call architects for many of these campuses, completing a wide variety of interior renovations, building envelope, accessibility, and energy projects.

Design For this project, we have added to our team, as design lead, Andy Rovelstad, of Rovelstad Architects, with whom we collaborated most recently on a number of projects at Centralia College, including the new Student Commons Building, known on campus as TransAlta Commons. He has worked at Centralia College on the campus master plan, designed and was project architect for the Washington Hall Theater Building and the Walton Science Building. In addition, Andy was the lead project architect at Lower Columbia College for the Health and Science Building (while with Leavengood Architects of Seattle) and later the addition to and renovation of the Myklebust Gymnasium with Rovelstad Architects.

Experience MSGS Architects and Rovelstad Architects worked with Centralia College on upgrading and modernizing their Vocational Technology Building. Project included an expansion and complete redesign of their welding classroom, including installing a new 'scrubber-style' mechanical ventilation/exhaust system to remove all the air borne particles created by welding. In addition, we worked with the College to create classroom space for a new 4-year degree program in Diesel Technology inside the Vocational building.

Qualifications Our team will be led by Bill Sloane, Principal in Charge, Garner Miller, Principal, acting as Project Manager and Project Architect and Andy Rovelstad, as design lead. The MSGS/Rovelstad team combine creative and thoughtful design talent with expertise in detailing building enclosure systems. With over 40 years of experience managing complex, phased public renovation projects, we understand the challenges of designing and construction college buildings with a set budget.

If our team is chosen for this new building at Lower Columbia College, we will bring our enthusiasm, our experience, and our sharpened pencils to the task at hand, providing your college with a building to be proud of.

Garner Miller AIA, LEED AP
Partner, MSGS Architects

R. William Sloane AIA, LEED AP
Partner, MSGS Architects

STATE OF WASHINGTON

DEPARTMENT OF ENTERPRISE SERVICES

1500 Jefferson St. SE, Olympia, WA 98501
PO Box 41476, Olympia, WA 98504-1476

Designated Point of Contact for Statement of Qualifications

Point of Contact Name and Title Bill Sloane		
Firm Name MSGS Architects		
Address 510 Capitol Way S		
City Olympia	State WA	Zip 98501
Telephone (360) 943-6774	Email bills@msgsarch.com	

Addresses of multiple office locations of firm (if applicable)

Address	
City	Phone
Address	
City	Phone
Address	
City	Phone
Address	
City	Phone

Diverse Business Certifications (if applicable)

Certification issued by the Washington State Office of Minority and Women's Business Enterprise (OMWBE)

- ☐ Minority Business Enterprise (MBE)
- ☐ Woman Business Enterprise (WBE)
- ☐ Minority Women Business Enterprise (MWBE)

Certification issued through the Washington State Department of Veteran's Affairs

- ☐ Veteran Owned Business

Certification issued through Washington Electronic Business Solution (WEBS)

- ☒ Small Business Enterprise (SBE)

COVID-19 Vaccine Requirements

21-14.1 - Proclamation by the Governor

Consultant confirms they have reviewed and understands the requirements of the Governors 21-14.1 COVID-19 Vaccine proclamation. https://www.governor.wa.gov/sites/default/files/proclamations/21-14.1%20-%20COVID-19%20Vax%20Washington%20Amendment.pdf

☒ Confirm reviewed and understand

Consultant has completed and attached COVID-19 Vaccine Verification Declaration form dated September 17, 2021 to this document. https://www.des.wa.gov/sites/default/files/public/documents/Facilities/EAS/Forms/PW-Contractor_COVID19-VacVerificationDecCert_9-17-2021.pdf?=3541a . Failure to attach COVID-19 Vaccine Verification Declaration will result in disqualifying submittal.

☒ Declaration form completed and attached.

Washington State Department of Enterprise Services

PROCLAMATION BY THE GOVERNOR

21-14.1- COVID-19 VACCINATION REQUIREMENT

COVID-19 VACCINATION VERIFICATION DECLARATION FORM

AGENCY AGREEMENTS AND PUBLIC WORKS CONTRACTS

Contract No.:	2021 – 224
Project Name:	Center for Vocational & Transitional Studies
Consultant or Contractor Name:	MSGS Architects, Inc. (Type/print full legal name of Consultant or Contractor Firm)

To reduce the spread of COVID-19, Washington state Governor Jay Inslee, pursuant to emergency powers authorized in RCW 43.06.220, issued Proclamation 21-14 – COVID-19 Vaccination Requirement (dated August 9, 2021), as amended by Proclamation 21-14.1 – COVID-19 Vaccination Requirement (dated August 20, 2021) and as may be amended thereafter. The Proclamation requires consultants or contractors who provide goods and services or perform public works with a Washington state agency to ensure that their personnel (including subconsultants and subcontractors) who perform contract activities on-site comply with the COVID-19 vaccination requirements, unless exempted as prescribed by the Proclamation.

I hereby certify, on behalf of the consultant or contractor identified above, as follows (check one):

☒ ***CONSULTANT OR CONTRACTOR HAS IMPLEMENTED A COVID-19 CONTRACTOR VACCINATION VERIFICATION PLAN THAT COMPLIES WITH THE VACCINATION REQUIREMENTS OUTLINED BY PROCLAMATION 21-14.1.***

The consultant or contractor:

- Has reviewed and understands the consultant's or contractor's obligations as set forth in *Proclamation 21-14 – COVID-19 Vaccination Requirement (dated August 9, 2021), as amended by Proclamation 21-14.1 – COVID-19 Vaccination Requirement (dated August 20, 2021);*
- Has implemented and agrees to update a COVID-19 Vaccination Verification Plan for its personnel that complies with Proclamation 21-14.1, and further:
  - Has required its subconsultants and subcontractors at every tier to develop, keep updated, and implement a COVID-19 Vaccination Verification Plan for their personnel, and has the subconsultant or subcontractor to prepare, submit and update (as necessary) a **COVID-19 VACCINATION VERIFICATION DECLARATION FORM(S)** from each subconsultant and subcontractor at every tier for the contract-referenced above, and agrees to make said **COVID-19 VACCINATION VERIFICATION DECLARATION FORM(S)** available for inspection upon the Agency's request; **and/or**
  - Has obtained a copy or visually observed proof of full vaccination against COVID-19 for the consultant's or contractor's personnel and has required its subconsultants and

subcontractors at every tier to do the same for all individuals subject to the vaccination requirement in Proclamation 21-14.1;

- Complies with the requirements for granting disability and religious accommodations for the consultant's or contractor's personnel (including the personnel of subconsultants or subcontractors), who are subject to the vaccination requirement in Proclamation 21-14.1;
- Has operational procedures in place to ensure that any contract activities that occur in person and on-site at Owner/Agency premises will be performed by personnel who are fully vaccinated or properly exempted as required by Proclamation 21-14.1 (including the personnel of its subconsultants or subcontractors), except for those contract activities performed for a short period of time during a given day and where moments of close proximity to others on-site will be fleeting – e.g., a few minutes for deliveries;
- Has operational procedures in place to enable consultant's or contractor's personnel (including subconsultants and subcontractors) who perform contract activities on-site and at Agency premises to provide compliance documentation that such personnel remain in compliance with Proclamation 21-14.1 and all applicable health and safety regulations, standards guidelines, etc.;
- Agrees to provide copies of COVID-19 Vaccination Verification Plans and related records within 24 hours of the Owner/Agency's request, except as may be prohibited by law. The consultant or contractor further agrees to cooperate with any investigation or inquiry by the Owner/Agency pertaining to the compliance of the vaccination requirements as outlined by Proclamation 21-14.1.

OR

☐ ***CONSULTANT OR CONTRACTOR DOES NOT HAVE AND/OR CANNOT IMPLEMENT A COVID-19 CONTRACTOR VACCINATION VERIFICATION PLAN.*** The consultant or contractor does not have and/or cannot implement a current COVID-19 Contractor Vaccination Verification Plan, and the consultant or contractor is not able to develop or provide a COVID-19 Contractor Vaccination Verification Plan or documentation demonstrating its personnel meet the COVID-19 vaccination requirements as set forth in Proclamation 21-14.1 and provide the same to the Owner/Agency on or before October 18, 2021. [*Note*: Compliance with Proclamation 21-14.1 is mandatory for on-site contract activities performed by the personnel of consultants or contractors at every tier as prescribed by the Proclamation.]

I hereby certify, under penalty of perjury under the laws of the State of Washington, that the certifications herein are true and correct and that I am authorized to make these certifications on behalf of the firm listed herein.

By: R.W. William Sloane
Signature of authorized person

Title: __Vice-President_____
Title of person signing certificate

Date: __4/29/2022_____

_Robert William Sloane _____
Print Name of person making certifications

Place: __Olympia, WA_____
Print city and state where signed

Return this COVID-19 Vaccination Verification Certification to the assigned DES Project Manager.

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY

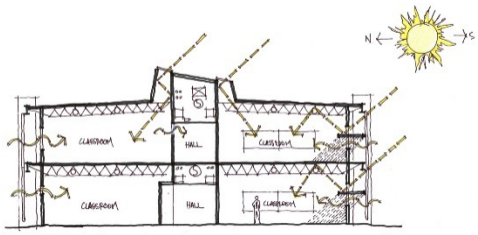
QUALIFICATIONS OF KEY PERSONNEL

Garner Miller, one of two owners of MSGS Architects, and Project Architect / Project Manager for this project, brings 25 years of higher education design and project management experience to this project. Quality control will be by the other owner of MSGS Architects, Bill Sloane, with more than 35 years of higher education experience. As design lead, we are collaborating with Andy Rovelstad of Rovelstad Architects, whose higher education experience is equal to or greater than MSGS's. MSGS has worked with all the design consultants on this project repeatedly over the last two decades.

RELEVANT EXPERIENCE

This SOQ highlights the many higher education projects the design team has been involved in. None is more important than the Student Commons Building at Centralia College, known as TransAlta Commons, where design and architectural services were provided by the collaboration of MSGS Architects and Rovelstad Architects.

LIFE CYCLE COST ANALYSIS EXPERIENCE

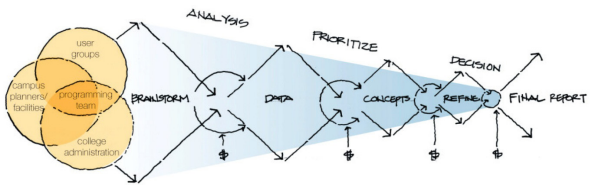


Bill Jones, with Project Delivery Analysts, is most familiar with OFM's Life Cycle Cost Tool (LCCT), having just collaborated with MSGS Architects on a Predesign Report for a new Early Childhood Education building on the Centralia College campus. Bill Jones also provided a Life Cycle Cost analysis for the Project Request Report (PRR) for this project, the Center for Vocational & Transitional Studies.

SUSTAINABLE DESIGN EXPERIENCE

Low impact and sustainable design is at the forefront of architectural practice at MSGS Architects. As the Washington State Energy Code requirements increase energy efficiency, achieving LEED Gold in higher education building, a minimum standard for our office, is always a goal. Both owners of MSGS are long time LEED Accredited Professionals.

PAST PERFORMANCE



MSGS Architects has a reputation of listening to our clients, listening to what problems need to be solved by the architecture we are creating in a collaborative effort with our client. This Statement of Qualifications illustrates our ability to listen & learn from our client in creating a project that addresses all our client's issues.

DIVERSE BUSINESS INCLUSION STRATEGIES

From the request on the front page of our website asking for diverse businesses to contact us to our long history of collaboration with diverse businesses, MSGS Architects has a strong history of inclusion.

QUALIFICATIONS OF KEY PERSONNEL

QUALIFICATIONS OF KEY PERSONNEL

msgs architects

Firm

MSGS Architects has been providing a variety of design services for State of Washington agencies and public sector clients in the Pacific Northwest for over 40 years. A core clientele are Community and Technical Colleges, where we provide design services for major new buildings as well as renovations, remodels, Project Request Reports (PRR's) and PreDesign reports. As a State of Washington 'On-Call' architectural firm, we assist our community college clients in any project, large or small, infrastructure, sports fields, plazas, clock tower, basically anything that is needed. Our business is built on collaborative working relationships with multiple repeat clients.

MSGS Architects has been in business since 1974 and is located in the historic Walker Building in downtown Olympia for the last 37 years.

Philosophy

Our objective is to help our clients achieve excellence by creating indoor and outdoor spaces that excel in their functionality, supporting their purpose. We produce architecture that is sustainable, beautiful, and responsive to the needs of the user.

Sustainability

We recognize our responsibility to improve the environment through design intervention that conserves resources while providing healthy spaces. Our minimum goal with higher education buildings is to achieve a LEED Gold Certification. With a history of LEED certified projects, we have the technical experience to design for the future of our planet.

Design

Architecture is more than shelter. Quality architectural design fully elevates the interaction of people with their environment and community. The design process, with emphasis on active listening and consensus, allows the designer to determine what is important to each client, to each project and to each setting.

MSGS renovated office in the Historic Walker Building Downtown Olympia

Commitment

Good design is the result of active collaboration. The owners of our firm are directly involved in every project we take on, from predesign to completion. We have the resources to handle large and complex projects, yet are engaged enough to provide an exceptional level of service.

Our commitment is to:

- *Bring the best team of professionals forward to listen to our clients' specific needs*
- *Exceed expectations in meeting those needs*
- *Deliver an exceptional and inspiring project on time and on budget.*

MSGS Architects
510 Capitol Way South
Olympia, WA 98501

Small Business Enterprise (SBE)

Years of professional service:	46
Years under current leadership:	19

Current Leadership & Years with Firm

Bill Sloane, Partner, Architect	25
Garner Miller, Partner, Architect	14

Contact: Bill Sloane, AIA | LEEDap
Phone: 360-943-6774 ext. 108
Email: bills@msgsarch.com

QUALIFICATIONS OF KEY PERSONNEL

msgs architects

R WILLIAM SLOANE AIA

LEED AP | Partner |Principal In Charge

EDUCATION
University of California, Los Angeles, Master of Architecture, 1981;
Bachelor of Arts, 1977

CREDENTIALS
Registered Arch. State of WA 1993;
OR 2011; ID 2010; AK 2009; CA 1983
NCARB Cert. No.55259, 2002
LEED™ Accredited Prof., 2006
Leadership Thurston County, 2015
SAP ATC-20 Certified Evaluator, 2013 (post-earthquake)

In private practice since 1988, Bill offers a broad range of project experience in the public sector. With his experience and knowledge working with a wide variety of public agencies, Bill offers knowledge and expertise in navigating budgeting and funding processes and managing complex projects involving multiple design disciplines. He is hands-on in securing permits, promoting bid participation by qualified bidders and execution of construction contract administration through closeout and warranty period. Bill understands and addresses the challenges in working with multiple stakeholders, permitting complex buildings, proper detailing and construction phase administration

SELECT EXPERIENCE

Pierce College
Campus Architect 2009-2013, 2019-2021

Pierce College Puyallup
- Arts & Allied Health Building
- Health Education Center
- Garnero Child Develop. Cntr

Pierce College Fort Steilacoom
- Rainier STEM Building
- Health Education Center

Centralia College
Campus Architect 2014-2020
- TransAlta Commons
- Welding Classroom Renovation
- Transitional Services Remodel
- Gymnasium Renovation/ Addition
- Diesel Technology Renovation
- Multi-Purpose Sports Complex

GARNER MILLER AIA

LEED AP |Partner | Project Manager Project Architect

EDUCATION
Washington State University
Bachelor of Architecture, 1993

CREDENTIALS
Registered Architect State of WA, 2000
LEED™ Accredited Professional, 2009
Olympia Heritage Commission, 2013-present
Leadership Thurston County, 2010
SAP ATC-20 Certified Evaluator, 2013 (post-earthquake)

Garner Miller has more than 25 years' experience in designing public and private sector projects. He excels in working closely with stakeholders to develop the goals and vision for a project, and defining the appropriate scope, budget and schedule. He is skilled in presenting the what, why and how of a design to groups of varied size and knowledge level. His responsibilities include design, project management, coordination with engineering team and jurisdictional agencies. Garner serves as the liaison between the design team, contractor, and the Owner's project manager throughout construction phase.

SELECT EXPERIENCE

Pierce College Puyallup
- Gaspard Administration Space Planning and Renovation

Pierce College Fort Steilacoom
- Science Dome Planetarium

Bates Technical College
- Building A Student Services Remodel
- Downtown Boardroom Renovation
- South Campus Administration Renovation & Remodel
- South Campus New Classroom & Library Building

Centralia College
- Transitional Services Remodel

QUALIFICATIONS OF KEY PERSONNEL

Rovelstad architects

Firm

Rovelstad Architects was established in 2011, building on over 30 years of experience. Our work is very diverse including private, public and higher education projects, working with the Department of Enterprise Services and the Washington State Community and Technical Colleges. Through the spirit of collaboration, we help colleges define design direction which not only satisfies the programmatic needs but one that captivates the energy of a diverse student body. Rovelstad Architects practices architecture that is efficient, sustainable and a great foundation for the spirit of the place.

The mission of Rovelstad Architects is deeply rooted in the essence of community. It is important that projects are integrated with design and direction that is inclusive, engaging and inspiring.

Rovelstad Architects
300 Morrill Place
Bainbridge Island, WA 98110

Contact: Andy Rovelstad, AIA
Phone: 206-9518-3678
Email: andy@rovelstad.net

Awards:

NW Masonry Award 2016
- LCC Health & Science Building - Honor Award
- LCC Myklebust Gymnasium - Award of Merit

Habitat for Humanity – Outstanding Design
Schulman Residence w/ Ehrlich Architects
- AIA National – Award of Merit 1997
- AIA California Council 1992

Windward Circle - Venice Beach w/ Erlich Architects
- AIA California Council: Citation 1990

Trashion Fashion 2018 First Place
Trashion Fashion 2019 First Place
Melt Down - Port Angeles Fine Art Center 2021

EDUCATION
University of Colorado,
Master of Architecture, 1980

Georgia Institute of Technology
BS Architecture, 1978

Long Beach Community College,
Welding Technology, 1982

CREDENTIALS
Registered Architect
State of Washington, 1999

PROFESSIONAL AFFILIATIONS
American Institute of Architects
Architects Without Borders

Andrew Rovelstad

For over 30 years, Andy Rovelstad has been providing architectural and planning services for a wide variety of public projects. He understands that the inclusion of everyone's voice is important to the success of each project. Through teamwork, leadership, and collaboration, he will work to build consensus and achieve the goals of the college.

Early in his career, Andy expanded his educational background by taking Gas, Arc and TIG welding classes at Long Beach Community College. This was a rewarding experience that gave him an understanding of detail, an appreciation of the vocational artists and an exploration into the collage of art and technology that few architects achieve.

SELECT EXPERIENCE

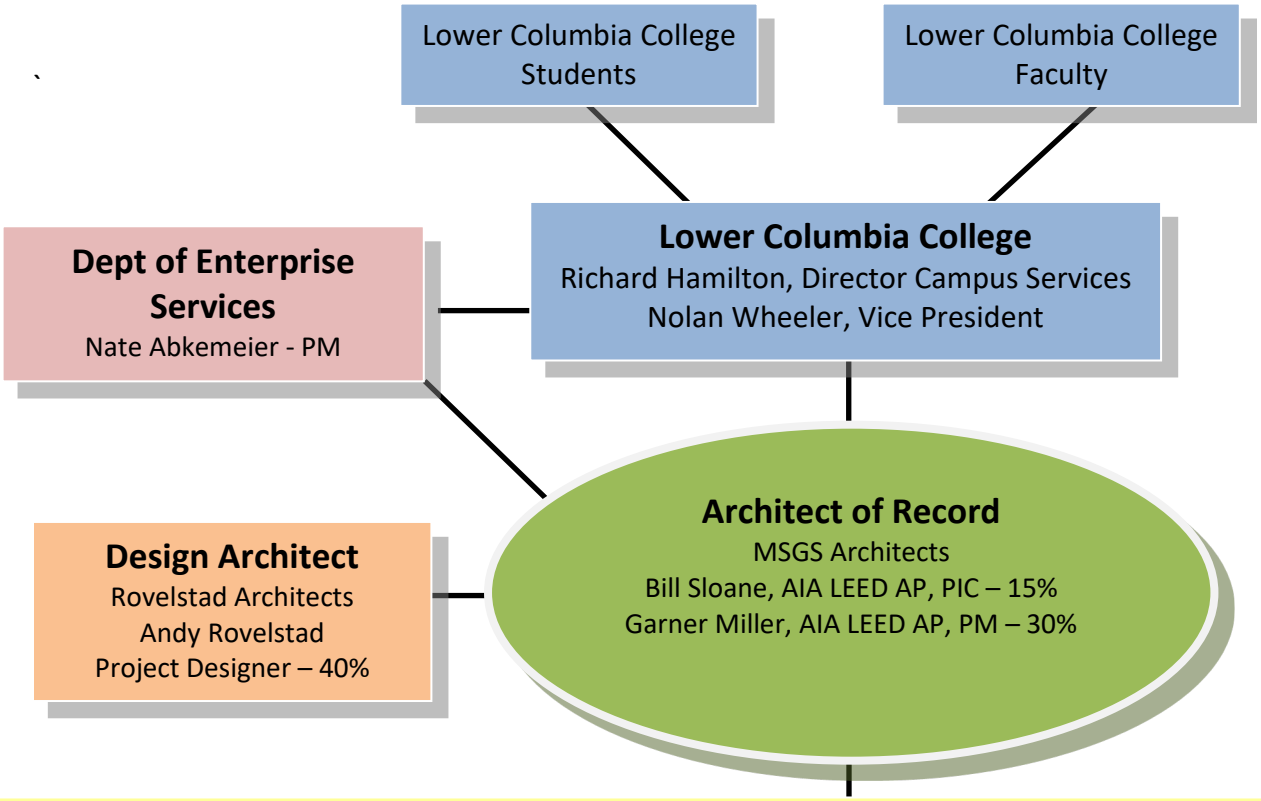
Lower Columbia College
- Health & Science Building
- Myklebust Gymnasium & Fitness Center
- Richard Kelley Learning & Healing Garden (Volunteer)

Centralia College
- TAC Student Center: Student Services / Instructional Bldg.
- Washington Hall: Theater, Arts & Instructional Building
- Walton Science Center
- Campus Master Plan 2007 - 2020
- Diversity Clock Tower

Clover Park Technical College
- Center for Advanced Mfgr. & Technology w/ GGLO & Asher Construction
  Design Architect/GCCM Finalist

ORGANIZATION CHART

msgs architects



	Consultants		Project Assign.
Structural Engineer	PCS Structural Solutions	Jack Pinkard, SE	15%
Civil Engineer	KPFF	Danielle Pruett, PE, CPESC	15%
Landscape Architect	Karen Kiest Landscape Arch	Karen Kiest PLA	10%
Mechanical Engineer	Interface Engineering	Andy Frichtl, PE, LEED AP	15%
Electrical Engineer	Interface Engineering	Jim Sattem, PE	15%
Telecom / IT Engineer	Interface Engineering	Michael Troyer, RCDD	15%
Sustainability	O'Brien 360	Michelle Bombeck, LEED AP	10%
Cost Estimator	Project Delivery Analysts LLC	Bill Jones, PE	10%

MSGS Architects, owned and lead by Bill Sloane and Garner Miller, will be your direct point of contact for this project. We do not hand our project off to other staff in our office. You deal with the most senior and experienced architects in our firm. We have a long relationship of design collaboration with Andy Rovelstad. The $25 million TransAlta Student Commons building is our most recent major project, well received by Centralia College. Our recommended team of consultants have been selected based on a long history of teaming with us on successful projects, all have excellent response times, and provide outstanding performance. We recommend the above consultant team for this project.

QUALIFICATIONS OF KEY PERSONNEL

Firm

Founded in 1960, KPFF provides civil engineering, structural engineering, and surveying services to architects, owners, developers, and contractors. Currently, KPFF has over 1,200 employees across 22 offices and is ranked in the Engineering News Record's Top 100 pure design firms nationwide. There are over 190 professionals in the Oregon (Portland and Eugene) offices.

The firm's extensive experience encompasses civil engineering for all building types including planning, design, and permitting for educational facilities, campus site development, utility infrastructure design, parking facilities, mixed-use, and residential development.

Philosophy

Higher education projects are some of the firm's most rewarding, as they serve to positively impact the lives and futures of students and the community. KPFF has over 40 years of experience providing engineering solutions for more than 30 higher education institutions throughout the Pacific Northwest. Our experience informs us of the unique landscape of campuses, student life, and the subsequent opportunities and challenges.

Relevant College Projects

- Clackamas Community College, Holden Industrial Technical Center
- Portland Community College, Central Workforce Training Center
- Clatsop Community College, MERTS Fire Research and Response Center
- Clackamas Community College, DeJardin Science Addition and Transit Center
- Clackamas Community College, John Inskeep Environmental Learning Center
- Columbia Gorge Community College, Indian Creek Campus
- Tillamook Bay Community College, New Campus Building
- Portland Community College, Newberg Campus Center – LEED Platinum and NZE
- Lane Community College, Central Plant Upgrade

Oregon Institute of Technology
Bachelor of Science,
Civil Engineering, 2005

CREDENTIALS

Professional Engineer
State of Washington, 2010

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers
Ridgefield School District CAPS Mentor

DANIELLE PRUETT PE, CPESC

Civil Project Manager

Danielle Pruett is a KPFF Associate and Civil Project Manager with over 17 years of experience. One of her specialties is in education stormwater calculations and plans, designs for utilities, pedestrian access, and grading. Danielle is skilled at learning site-specific codes and permitting requirements. She keeps an eye on the big picture, maintains consistent focus on her client's developing needs, and ensures the availability of her core team throughout the life of a project. Danielle volunteers as a mentor at her local school district to inspire future generations.

SELECT EXPERIENCE

Yamhill ESD
Yamhill Intermediate and High School and CTE Building

Seaside School District
Seaside Elementary, middle, and High Schools

Portland Public Schools
Kellogg Middle School

West Linn-Wilsonville School District
- Athey Creek Middle School to High School Conversion
- New Athey Creek Middle School

Vernonia School District
Vernonia K-12 School and Fields

QUALIFICATIONS OF KEY PERSONNEL

Firm

Karen Kiest Landscape Architects (KK|LA) has extensive experience in the assessment, planning, design and development of public and private landscapes in the United States, Canada and Asia. A sole-proprietorship, the 5-member firm expertise includes urban design, pedestrian streetscape design, site planning, landscape architecture, irrigation design, and construction monitoring.

Campus projects include work at the University of British Columbia, University of Washington, The Evergreen State College, Centralia College, Lower Columbia College and Everett Community College.

Relevant College Projects

- Centralia College: New Science Building
- Grays Harbor Community College: Child Care Center
- Lower Columbia College: Central Courtyard Pavilion, Health and Science Building, Myklebust Gym Expansion
- Seattle Central Community College: Plant Sciences Laboratory
- The Evergreen State College: Campus Activities Building Expansion
- University of British Columbia: Dentistry Courtyard, Patient Park, Koerner Hospital, Purdy Pavilion, Agricultural Mall, Beaty Museum Courtyard, Health Sciences Courtyards and Walks, North Main Mall, Memorial Mall, Sustainability Street, Biosciences Lane, Geography, University Centre
- University of Washington: Golf Driving Range, ICA Student Services Entry, Parrington Lawn to Denny Yard Concept Plan, Physics Astronomy Building Courtyard Restoration Plan, Fishery Sciences Courtyard Restoration

EDUCATION

Harvard University GSD
Master of Landscape Architecture, 1988
Harvard University
Bachelor of Arts, biology, 1981

CREDENTIALS

Registered Landscape Arch.
Oregon #880, 2015
British Columbia #460, 2011
Alaska #11424, 2006
Washington #850, 2001
California #3,685, 1991

PROFESSIONAL AFFILIATIONS

American Society of Landscape Architects

KAREN KIEST PLA

Landscape Architect

Karen Kiest worked with WRT in San Francisco from 1989-1996, with projects at six UC campuses, as well as San Jose State University. She directed the Seattle office of Murase Associates from 1996-2002, where her campus projects include work at Washington State University, the University of Washington, Western Washington University, and The Evergreen State College.

Karen is an active participant in public planning and design efforts. She served as Chair of the Seattle Design Commission, and previously was vice-chair of the Seattle Landmark Preservation Board.

SELECT EXPERIENCE

Centralia College:
- New Science Building

Grays Harbor Community College:
- Child Care Center

Lower Columbia College:
- Central Courtyard Pavilion
- Health and Science Building
- Myklebust Gym Expansion

Seattle Central Community College:
- Plant Sciences Laboratory

The Evergreen State College:
- Campus Activities Building Expansion

University of British Columbia:
- Public Realm Plan

QUALIFICATIONS OF KEY PERSONNEL

PCS Structural *Solutions*

Founded in 1965, PCS Structural Solutions is the largest structural-focused engineering firm in the Northwest. With a staff of 72 in Seattle, Tacoma and Portland, we engineer every type of vertical building.

At PCS Structural Solutions, our passion energizes teaming, design, and value across the A/E/C/Owner team. Our diverse portfolio includes structural design, predesign, and feasibility studies for colleges and universities across Washington State. Our extensive background in design of higher education facilities, and especially on projects completed in partnership with Washington State Department of Enterprise Services, allows us to deliver cost-effective and well-designed learning environments for students and educators in all fields of study.

Philosophy

We embrace the complexity of modern building systems and delivery methods—creating order with focused expertise, unique deliverables, teamwork, invention, and hard work.

Relevant College Projects

- Lower Columbia College Health & Science Building
- Lower Columbia College Myklebust Gym Renovation
- Clover Park Technical College Center for Advanced Manufacturing Technology
- Centralia College TransAlta Commons
- Pierce College Health Education Center Fort Steilacoom Campus
- Pierce College Puyallup College Center Building
- Pierce College Fort Steilacoom Campus Rainier Science and Technology Building– LEED Gold
- Pierce College Arts & Allied Health Building Puyallup Campus – LEED Gold
- Seattle Central College Maritime Academy
- Bates Technical College Center for Allied Health Education

EDUCATION
University of Idaho
MS Civil Engineering, 1985
BS in Civil Engineering, 1984
CREDENTIALS
Structural Engineer in Washington
PROFESSIONAL AFFILIATIONS
American Concrete Institute

Jack Pinkard SE

Principal-in-Charge of Structural Engineering

Jack has over 35 years of experience as a structural engineer with PCS Structural *Solutions* and has served as principal-in-charge on many of the firm's community college projects. His exposure to many types of projects offers insight into constructability and application of a wide variety of structural materials and systems. From specialized classrooms to multi-functional spaces, Jack provides best-fit, cost-effective structural solutions, resulting in highly flexible and functional spaces.

SELECT EXPERIENCE

South Seattle College
Integrated Education Center

Highline College
Health and Life Sciences Building Renovation

Green River College
Auburn Center

Pierce College
- Cascade Building
- Rainier Science Building
- Arts and Allied Health Building

Centralia College
TransAlta Commons

QUALIFICATIONS OF KEY PERSONNEL

INTERFACE ENGINEERING

Firm

Interface Engineering is a multidiscipline mechanical and electrical engineering firm known for innovative resource use, visionary sustainable design and breakthrough engineering solutions for new and existing buildings. Our work demonstrates how integrated design and creative collaboration can produce outstanding results — for our clients, our community and our environment. We focus on high-performance, pragmatic design. Today, we are at the forefront of an evolving industry, transforming the concept of what the built environment can be.

Higher Education and Vocational Training Facilities

In Interface Engineering's higher education work, we think outside standard practices and delivery methods and focus on integrated design, resource efficiency, and long-term life-cycle value. We find ways to minimize costs and systems infrastructure, leaving more space for educational use. We engage and apply integrated design early in the process and identify ways to wisely utilize space, MEP systems, energy and resources. Advanced modeling tools and post-occupancy studies allow us to design for future uses today. Our experience on over 1,000 higher education projects demonstrates

Relevant College Projects

- Lower Columbia College Vocational Building Expansion; Longview, Washington
- Clackamas Community College Industrial Technical Center; Oregon City, Oregon
- Clark County Skills Center HVAC Replacement; Vancouver, Washington
- Clark County Vocational Skills Center Kitchen; Vancouver, Washington
- Klamath Community College Work Skills Technology Center; Klamath Falls, Oregon
- Mt Hood Community College Industrial Tech Building Electrical; Gresham, Oregon
- Portland Community College Willow Creek Workforce Training Center / LEED Platinum; Hillsboro, Oregon
- Sabin Skills Center Technology Upgrade; Clackamas, Oregon
- Shoreline Community College Professional Automotive Training Center; Shoreline, Washington
- Spokane Community College Vocational Technical Building / LEED Silver; Spokane, Washington

EDUCATION
Bachelor of Science
Mechanical Engineering Portland State University

CREDENTIALS
Mechanical PE: WA, AK, AZ, CA, CO, CT, DE, FL, HI, ID, IL, ME, MI, MN, MO, MT, NC, ND, NJ, NV, NY, OR, SC, SD, TN, TX, UT, WV, WY
LEED Accredited Professional

PROFESSIONAL AFFILIATIONS
ASHRAE
Building Commissioning Association

ANDY FRICHTL PE, LEED AP

Principal-in-Charge,

Senior Mechanical Engineer

The recipient of numerous achievement awards, Andy is recognized as a leader in sustainable design. He specializes in energy efficiency and has extensive experience in integrating MEP, structural, landscape, and architectural systems that offer surprising payback timeframes.

SELECT EXPERIENCE

Spokane Community College
Vocational Technical Building / LEED Silver

Clackamas Community College
Industrial Technical Center

Oregon Trail School District
Sandy High School Career Technical Education Manufacturing Lab / LEED Gold

Clark College
STEM Building / LEED Gold

Lane Community College
Health Professions Building

George Fox University
Health Occupations Building

QUALIFICATIONS OF KEY PERSONNEL

EDUCATION
Bachelor of Science
Electrical Engineering
Portland State University
CREDENTIALS
Electrical PE: WA, AK, AZ, CA, DE, ID, KS, MI, NV, NM, OR, UT, VT, VA

Jim Sattem PE, CHC

Principal, Senior Electrical Engineer

Jim joined Interface in 2008 bringing strong project management skills to our education, international, and laboratory sectors. With over 15 years of experience, he is one of a select group of engineers in the Pacific Northwest that holds a Certified Healthcare Constructor (CHC) certificate proving he understands how to manage complex projects while mitigating risk. He specializes in emergency power systems, power distribution, electrical system studies, and lighting controls.

SELECT EXPERIENCE

Lower Columbia Community College
- Medium Voltage One-Line Diagram Update
- Fine Arts Building

Portland Community College
Willow Creek Workforce Training Center / LEED Platinum

Portland Community College Newberg
Education Center / LEED Platinum

Olympic College
- Medium Voltage Loop
- Humanities Building / LEED Gold
- College Science and Technology
- Entry Phase 2

Oregon Health and Science University
Robertson Life Sciences Building & Skourtes Tower / LEED Platinum

EDUCATION
Bachelor of Arts
International Studies / Business Minor
Portland State University
Juris Doctor
Seattle University School of Law
CREDENTIALS
LEED Accredited Professional, Registered Communications Distribution Designer, Certified Technology Specialist – Design, Project Management Professional (PMP)

MICHAEL TROYER RCDD, LEED AP, CTS-D, PMP

Principal, Senior Technologies Designer

With more than 20 years of experience in the design and implementation of technology and low voltage systems, Michael is well-versed in communications design, audio visual design and security system design, construction management, project management, design/build, IT, networking and customer advocacy services. Having worked both on the design and on the implementation side of technology systems, Michael is a team player who understands the need for interdisciplinary communication during all phases of design and construction.

SELECT EXPERIENCE
Centralia College
TransAlta Student Commons

Pierce College
- Communication Arts and Allied Health Building
- Rainier Science and Technology Building

University of California, Davis
Betty Irene Moore School of Nursing / LEED Gold

Oregon City School District
Oregon City High School Career Technical Education and Maker Space

Clark College
- Child & Family Studies
- STEM Building / LEED Silver

West Valley Mission Community College District
Development of District Standards

QUALIFICATIONS OF KEY PERSONNEL

Firm

O'Brien360 is a 31-year-old environmental consultant firm that integrates sustainable building expertise, thoughtful analysis, and a collaborative approach toward catalyzing positive outcomes in the built environment. From project conception to occupancy, we deliver value and performance to clients across the entire project arc. We approach each project with an eye toward how integration and collaboration can better achieve high performance on the project's environmental and social goals, while staying on budget and on schedule.

Philosophy

Our firm is passionate about the integrative process (IP) and has participated in a peer review process to create an ANSI standard for the application of that process. We use the standard on all our projects. In addition to process facilitation, O'Brien360 staff join the project team as sustainability experts providing progressive, economically sound technical expertise. We then provide full-service rating system project management and quality assurance through receipt of the project's certification.

Relevant College Projects

- UW Sustainability/LEED Management
- Everett Community College Learning Resource Center
- Pierce College Glacier Building
- North Seattle College Library Renovation
- University of Washington Founders' Hall
- Edmonds College Hazel Miller Hall
- South Puget Sound Community College Health & Wellness Building
- Highline College Health & Life Sciences Building
- Bellevue College Student Success Center
- University of Washington Intellectual House
- Center for Advanced Manufacturing Technology (CAMT) at Clover Park
- Cascadia College Global Learning Center for the Arts
- Tacoma Community College Early Learning Center
- Bellevue College Science + Tech Building
- Clover Park Technical College Health Sciences Building

EDUCATION
Certified Sustainable Building Advisor, *Whatcom Community College, 2010*
CREDENTIALS
Green Globes Professional, *2018*
LEED® AP, BD+C, *2010*
PROFESSIONAL AFFILIATIONS
USGBC WA Chapter Member

MICHELLE BOMBECK

LEED AP BD+C
Senior Project Associate

As a senior project manager, Michelle leads the certification process on ground-up projects, renovations, and last-minute contractor rescue operations, supporting design and construction teams with efficiency and awareness. Michelle is tireless in her dedication to detail, managing timely project team participation, and keeping the ship aright. She understands how to work with rating systems and their governing bodies, honing her ability to craft approaches that achieve the intent of underlying sustainability principles, while also being a best fit for her clients. Michelle also oversees the implementation and improvement of the team's service delivery tools, mentors, and trains staff, develops industry trainings, and has a personal passion for waste reduction and recycling.

SELECT EXPERIENCE

Pierce College Glacier Building
LEED NC v4 Project Management

Everett Community College Learning Resource Center
LEED NC v4 Quality Assurance and Technical Assistance

North Seattle College Library
LEED Quality Assurance and Technical Assistance

United Way Learning Center
LEED Project Management

University of Washington Founder's Hall LEED NC v4 Project Management

DSHS Maple Lane
LEED NC v4 Contractor Assistance

QUALIFICATIONS OF KEY PERSONNEL

Firm

PDA is a certified Small Business Construction and Development consulting firm with offices in both the Pacific Northwest and Southern California. PDA offers services to design teams and Owners in the areas of Life Cycle Cost Analysis, Cost Estimating, Value Engineering, Quality Control and Assurance, Constructability Review, Scheduling, Project Management, Document Control, On-site Engineering and Owner's Representation. PDA brings a wealth of relevant Construction and Design experience to the team, which fosters a high level of confidence and credibility in the critical project decisions made as a result of our work.

Project Delivery Analysts, LLC are the Construction and Development professionals that you need on your team in order to receive the most accurate production and evaluation of initial costs of construction and total costs of ownership over a project's lifespan. Our Project Management skills and Forensic Analysis capabilities give us the edge in achieving uncommon results for our clients.

Relevant Community College Projects

- Lower Columbia College Vocational Center Replacement PRR
- Lower Columbia College Vocational and Science Buildings Renovations PRR
- Lower Columbia College Fitness Center Addition and Myklebust Gym Renovation (with Rovelstad Architects)
- Centralia College Teacher Education and Family Dev Center (with MSGS)
- Tacoma Community College CILE Building
- Skagit Valley College Child Care Center
- Everett Community College Learning Resource Center
- Centralia College Clock Tower Restoration (with Rovelstad Architects)
- Walla Walla Community College STEM Building
- North Seattle Community College Baxter Center
- Tacoma Comm College Campus Green

EDUCATION
University of Dayton
B.S. of Civil Engineering, 1979
U.C.L.A. Construction Management Certificate, 1983
CREDENTIALS
Civil Engineer, State of WA 1996
Civil Engineer, State of CA 1982
AFFILIATIONS
American Society of Civil Engr's.
U.S. Green Building Council
Design Build Institute of America
Const. Mgmt. Assoc. of America

WILLIAM P. JONES, PE

Cost Estimating / LCCA
Project Delivery Analysts, LLC

Bill Jones is a registered Civil Engineer in both California and Washington, with over 40 years of Design and Construction experience, specializing in Estimating, Life Cycle Cost Analysis (LCCA), Scheduling, Construction / Project Management of Civic, Correctional, Educational, Cultural, Commercial, Industrial and Transportation projects.

Bill Jones has worked with MSGS principal Bill Sloane on State of Washington projects since the early 2010's. Bill has also prepared Life Cycle Cost Analyses per the State standards throughout Washington State, and has prepared Design Phase cost estimates for many comparable facilities.

SELECT EXPERIENCE

Life Cycle Cost Analyses
Centralia College Teacher Education and FD Center (with MSGS)
Tacoma C.C. CILE Building
Capitol Campus Childcare Facility
Skagit College Childcare Facility
SPU Cedar Falls Admin. Building
Henry M. Jackson Regional Park

Vocational Arts Facilities
LCC Vocational Center PRR
Shoreline Community College Automotive Technology Center
S.P.U. Engineering Shop
PSNS Welding School

Higher Education Facilities
See entire list above of community college projects, and
Seattle Pacific Univ Student Center
UW Gowen Hall IT
UW Mary Gates Hall Renovation

RELEVANT EXPERIENCE

RELEVANT EXPERIENCE

Our firm philosophy begins with a hands-on approach to all aspects of our work -- Firm principals are actively involved at every step from initial meetings to the day the keys are handed over. One of two principal partners will be responsible for ensuring the project is managed to meet deadlines, stay on budget, and exceed client expectations.

Listening to our Client's Needs

When Centralia College wanted their new Student Commons Building, TransAlta Commons, to have Active Learning Classrooms (ALC's) in their new building, our design team travelled up to the University of Washington Odegaard Undergraduate Library to see their recently completed ALC's. Active Learning Classroom group 6-8 students around a circular table with a big display monitor that any student can have their laptop displayed on, depending on the instructor's intentions and control. The instructor can display instruction material on the display in an interactive learning process with each student and their laptop computer.

The MSGS Architects / Andy Rovelstad design team, in conjunction with Michael Troyer of Interface Engineering, created three active learning classrooms in TransAlta Commons, with operable partitions between each classroom, allowing for one large Active Learning classroom when needed.

Renovated Welding Classroom at
Centralia College's Vocational Technology Building

Active Learning Classrooms at
Centralia College's TransAlta Commons

Understanding the client's goals and expectations is a vital step in laying the groundwork for prioritizing decisions about scope, and all decisions must be made through this lens. MSGS facilitates collaborative goal- setting as a first step in the design phase, and project goals are referred to throughout the design process.

MSGS thoroughly documents design decisions along the way and reviews drawings, models, narratives and cost estimates with our clients at each phase to ensure they understand what is included in the project scope, and what it will cost. We started working with our project cost estimator at the Schematic Design stage, to make sure our design is within the MACC. Cost estimates are made at Design Development and 95% Construction.

CASE STUDY

Centralia College came to MSGS with a need to renovate and expand their existing Welding Program classroom, creating more instructional welding booths and providing a 'scrubber' style new exhaust/ventilation system to remove the particulate dust created by welding activities. Exhaust ducts were placed on articulating arms at each instructional weld booth to allow the welding students to adjust the location of the exhaust duct exactly where their work was occurring.

Vocational -Technology Building Interior & Exterior Renovations/ Repurposing - Centralia College

Executive Architect: MSGS Architects
Multiple Interior & Exterior Projects
Contact: Rick Perkins, Director of Construction Centralia College (360) 623-8573

Originally built in 1986, the Vocational – Technology Building's has been renovated and remodeled extensively over the last 20 years by MSGS Architects. Projects include: Renovation and expansion of the Welding Classroom, including a new 'scrubber' mechanical exhaust system, installation of a dynamometer in the Diesel Tech laboratory, remodel of a portion of the building into a Diesel Technology laboratory that allows large diesel engine truck cab to enter, schematic design for a Project Request Report (PRR) to expand and reorganize the building, and replacement of the original horizontal wood cladding with new fiber cement siding.

For the exterior cladding project, MSGS Architects worked with Andy Rovelstad, to design a new 'rain-screen' exterior skin for the building, using cement fiber panels in lieu of wood siding, furred out with vertical metal channels over the weather barrier to create an air gap behind the siding. This allows water to precipitate against the weather barrier and drip down and out at the bottom of the cladding. At the same time, we eliminated an internal roof gutter at the roof edge that was leaking into the exterior walls.

A two-tone sliver metallic paint was field applied to the cement fiber panels, given the building a metal panel aesthetic at a fraction of the cost of metal cladding panels.

Transitional Services Building New Classrooms & 2nd Floor Career Placement Center - Centralia College

Executive & Design Architect: MSGS Architects
MACC: $1,777,000
Final Cost: $2,174,000
Contact: Rick Perkins, Director of Construction Centralia College (360) 623-8573

After the new student commons building, TransAlta Commons was completed, the interior of the old Student Commons building was turned into classrooms, a study center and a Career Placement Center in partnership with the State of Washington's Employment Security Department. The old space was gutted, ceiling, walls and floor and new partitions, ceiling system, LED light fixture and new finishes throughout.

Centralia College - TransAlta Commons

MACC: $25,900,000 Delivery: DESIGN-BID-BUILD
Bid: $24,172,000
Final Cost: $25,943,000
Centralia, WA – LEED Gold
Executive Architect: MSGS Architects
Design Architect: Rovelstad Architects
Contact: Rick Perkins, Director of Construction Centralia College (360) 623-8573

The new TransAlta Commons project represents the next step in providing all student curriculum and social administrative services in one building. The pre-design laid the groundwork for a new student commons and classroom building that provides the technology necessary for today's learning environments.

The Commons provides services and support functions for the daily and intermittent needs of all Centralia College students. The cafeteria provides a large gathering space for students to eat, relax, study and collaboratively learn from one another. The large rooms of the cafeteria are visually connected and adjacent to a 3-story Atrium, providing circulation access to the rest of the building.

On the second floor: Admissions, Registration/Cashier, Financial Aid, and counseling staff. The third floor of the building has three large lecture hall/classrooms and three Active Learning Classrooms where students can collaborate face-to-face and remotely.

With photovoltaic array, a variable refrigerant flow mechanical system combined with natural convective air exhaust, the project was awarded LEED Gold certification.

msgs

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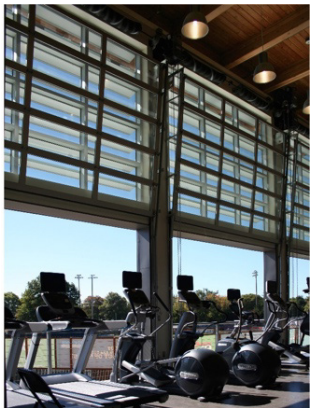
Myklebust Gymnasium & Fitness Center
Lower Columbia College

MACC: $25,000,000 DESIGN-BID-BUILD
Bid: $23,264,300 LEED Gold
Final Cost: $24,080,000
Executive Architect: Rovelstad Architects
Contact: Nolan Wheeler (360) 442-2201
Richard Hamilton (206) 442-2263



The remodel of the Myklebust Gymnasium defined a new entry portal to the campus with the addition of the 6,000 SF Fitness Center. The facility is a key point in the master plan and shares a strong relationship with the existing vocational building. The design was developed with the intentional direction toward health and wellness and fosters a strong connection to community. The Red Devil Juice Bar is integrated as part of the entry check in experience The bar overlooks the fitness area with the climbing wall, a tribute to Mount Saint Helens. The facility serves as a point of connection for the campus. Large operable windows and doors provide natural ventilation as well as dramatic views overlooking the campus, a baseball field and a new beach volley ball court. The project provides an important community resource and is an important element in the Campus Master Plan, that allows for the design of the new Center for Vocational and Transitional Studies.

Health and Science Building
Lower Columbia College.

MACC: $25,688,290 DESIGN-BID-BUILD
Bid: $22,189,000 LEED Gold
Final Cost: $24,191,688
Executive Architect: Leavengood Architects
Design Architect / Project Manager: Andy Rovelstad
Contact: Nolan Wheeler (360) 442-2201
Richard Hamilton (206) 442-2263

The 70,000 SF three story structure houses the Nursing Department, Allied Health, Biology, Chemistry, Earth Sciences and instructional classrooms. The structure connects the heart of the campus with the Historic R.A. Long Park, the historic downtown square and the center of Longview. Two major points of entry define the structure; one oriented to the Quad, connecting to established pedestrian patterns, the other oriented to the civic plaza, accented by the round lecture hall, symbolizing the center of connection and the heart of community. Public space and student breakout areas tie the structure together, offering a variety of spaces for students and faculty to interact.

Pierce College - Arts & Allied Health Building

Puyallup Campus – LEED Gold
Executive Architect: MSGS Architects
Design Architect: Opsis Architecture
MACC: $18,876,000
Final Cost: $20,188,250
Contact: Charlene Wilson (206) 255-9113

The Phase IV Communication Arts and Allied Health Center is a significant step in creating a comprehensive campus with the addition of teaching and performance space for fine arts, music, drama, and digital design.

Co-located in this facility is space for the new nursing program and cornerstone of the allied health teaching facility that includes a unique medical environment simulation lab. The lab creates environments ranging from front office and medical records, to patient beds and examination rooms. Additional general purpose classrooms and faculty offices are included to accommodate growth of this campus. The 55,000 SF facility achieved LEEDTM Gold certification.

Rainier Science and Technology Building Pierce College

Fort Steilacoom Campus – LEED Gold
Executive Architect: MSGS Architects
Design Architect: Opsis Architecture
MACC: $24,700,000
Final Cost: $25,697,623
Contact: Charlene Wilson (206) 255-9113

The new Science and Technology Center incorporates informal learning space with quality instructional classrooms to support scientific study and mathematics with general studies areas that will reinforce a learning community on the campus and encourage greater student-to-student teamwork.

As A LEED Gold-Certified building, the design utilizes daylighting, natural ventilation and various passive and sustainable environmental technologies to provide light, air, power and heat for the building.

The exterior treatment incorporates a combination of composite stone panels, veneer stucco and composite wood panels detailed as rainscreen systems. Utilizing expertise of OAC Services, step by step flashing installation details and enhanced construction observation and field water testing of glazed systems were provided.

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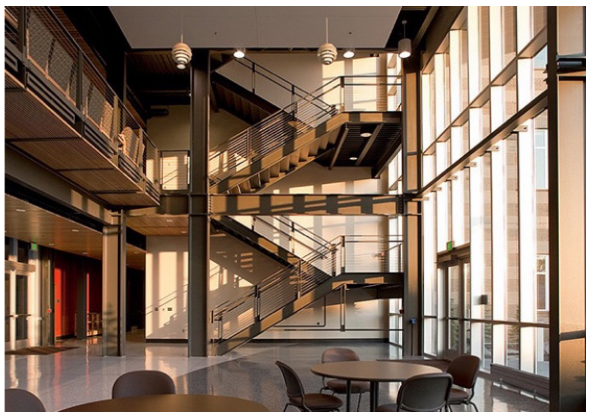
Walton Science Center
Centralia College

MACC: $25,000,000 DESIGN-BID-BUILD
Bid: $23,264,300 LEED Gold
Final Cost: $24,080,000
Executive Architect: Leavengood Architects
Design Architect / Project Manager: Andy Rovelstad
Contact: Steve Ward, Former VP at Centralia College
(360) 880-1869



The Walton Science Center at Centralia College has become a platform of discovery, designed to inspire and activate a vibrant student population. The 70,000 SF three story structure houses the science departments, nursing programs, the horticultural greenhouse, general classrooms and administrative offices. The structure is passively tuned to the environment and sustainably captures light and energy, achieving a LEED Gold Certification. During the programming phase, the goal was established to get students outside of the science curriculum into the building to introduce them to sciences. We succeeded as the structure has been one of the most widely used buildings on campus. Informal gathering spaces throughout the building provide student to student learning, outside the formal classrooms.

Washington Hall, 2003
Centralia College | Arts & Classroom Building

MACC: $21,000,000 DESIGN-BID-BUILD
Bid: $20,500,000
Final Cost: $21,120,600
Executive Architect: Leavengood Architects
Design Architect / Project Manager: Andy Rovelstad
Contact: Steve Ward, Former VP at Centralia College

Washington Hall houses a 500-seat theater, a black box theater, music programs, art and sculpture studios, the Radio and TV Broadcasting Programs and Instructional Classrooms. Washington Hall also houses the Business and Computer department which represented one of the first explorations in flexible classrooms in the State of Washington. The new facility was a major expansion for the campus and a is key component in the Campus Master Plan, a stepping stone into two decades of growth and planning. The 66,000 SF building is a focal point for the Community and provides the County with an array of Arts, Music and Theater Programs.

The performance hall features “The Twelve Labors of Hercules” murals by Michael Spafford. The murals were politically removed from the State Legislative Chambers

LIFE CYCLE COST ANALYSIS EXPERIENCE

LIFE CYCLE COST ANALYSIS EXPERIENCE

Bill Jones with Project Delivery Analysts (PDA) has had extensive State project experience providing **Life Cycle Cost Analyses** (LCCA) using the OFM Life Cycle Cost Model, starting in 2018. It is a natural function for the team cost consultant to take the lead in preparing the Life Cycle Cost Model (LCCM); the initial costs of construction are generated by PDA during the estimating process. We have found that, with a well-organized set of project data and initial cost inputs, the OFM tool saves a considerable amount of time compared to the old method of gathering historical costs on a project-by-project basis.

Our team strives to find meaningful study alternatives to guide the decision-making process during predesign and as design progresses. For example, a LCCA may study progressively higher levels of green building beyond current code minimums. A well prepared LCCA can address whether a higher first cost of construction may be offset by a savings in energy costs over the life span of the building.

An interesting case study is the Capitol Campus Child Care Center in Olympia, now complete. In early 2019, PDA used OFM's life cycle cost model to study two ownership options: one to provide a net-zero energy facility and one to provide a net-zero ready facility (the same but for purchase of the rooftop photovoltaic panels). It is easy to grasp the initial cost of the panels; the goal of the LCCA was to determine the payback period. Due to the relatively low cost of electricity in our region and the then-high cost of the panels, the payback period was beyond the fifty-year projected lifespan of the building. It made more financial sense for the project to be delivered net zero ready with the option to provide PV panels at a future date.

LCCA can be applied to any capital investment decision in which relatively higher initial costs are traded for reduced future cost obligations. It is particularly suitable for the evaluation of building design alternatives that satisfy a required level of building performance but may have different initial investment costs, different operating and maintenance and repair costs, and possibly different lives.

SUSTAINABLE DESIGN EXPERIENCE

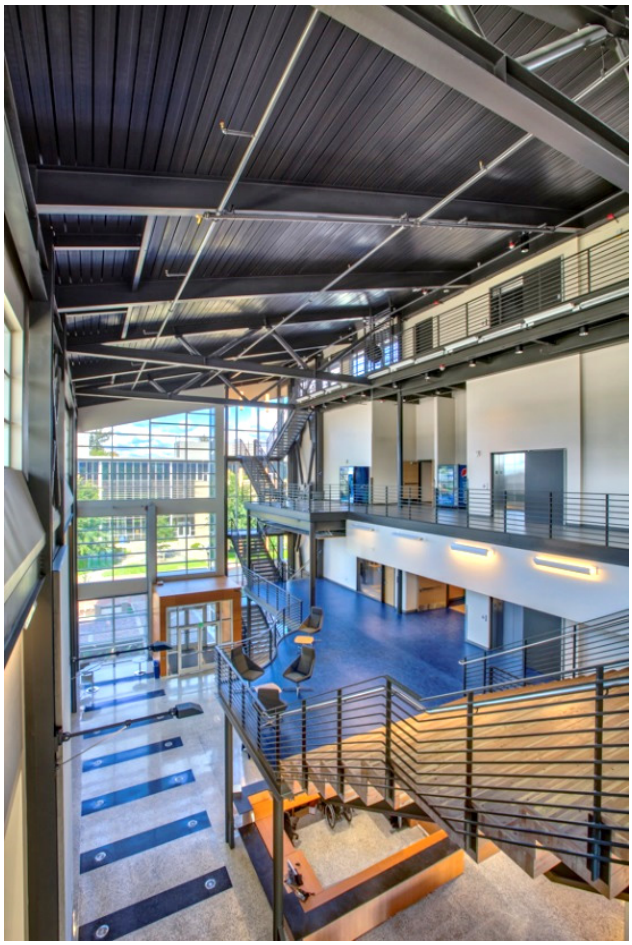
SUSTAINABLE DESIGN EXPERIENCE

MSGS Architects, with O'Brien360 as our Sustainable Design consultant, understands how a sustainable built environment adds deep, enduring value to every organization and project, regardless of the scale, stage, or scope. We use holistic, practical thinking, a collaborative process, and deep technical knowledge to deliver the best economic, social, and ecological outcomes for our clients no matter the project type. Our integrative approach to project development and delivery ensures that sustainability extends beyond the design process. We tailor our approach to the goals, needs, and resources of individual projects pursuing LEED, Green Globes, WELL, Fitwel and even Living Building Challenge certification, as well as those simply seeking better building performance. Some of our more recent experience in sustainable design and construction include the following:

TransAlta Students Commons at Centralia College, Centralia, WA. TransAlta Student Commons Building, a LEED Gold Certified 70,000 SF building at Centralia College has many sustainable features, both inside and outside the building that reduces energy use, reduces storm water runoff and provides the building's users with a healthy and clean indoor environment.

The Bellevue Student Success Center, Bellevue, WA

This 72,000-sq.ft. Center is the school's first LEED® building using LEED v4, a significant raising of the bar -the project signifies the College's ongoing commitment to sustainability. O'Brien360 provided LEED Project Management services from a sustainability charrette in early design development through construction to completing the LEED certification.



Natural Ventilated Atrium
TransAlta Student Commons – Centralia College
Centralia, WA

LEED Silver-certified
Bellevue College Student Success Center
Bellevue, WA

PAST PERFORMANCE

PAST PERFORMANCE

Project Scheduling

A successful project is the result of careful management of schedule, tasks, and budget. Below are the steps we suggest moving forward with this project. Communication is key, therefore throughout the project we propose regular meetings as appropriate to review progress and responsibilities.

Pre-Design Verification/Confirmation

- Review programming, confirm current project goals are being met
- Review cost estimate assumptions for current escalation
- Meet with College staff, adjust program as needed to match goals and budget
- Evaluate and refine recommendations
- Present updated project programming/predesign update

Schematic Design | Design Development

- Develop a range of initial design options
- Gather appropriate College staff and DES input on design options
- Create design elevations, renderings and important details
- Refine design options, document for review and cost estimating
- Perform the Schematic Design cost estimate
- Develop total Project Cost estimate, use as a tool to prioritize design options
- Identify Base Bid and Alternate scope items to provide budget flexibility
- Refine systems and technical details and research/select appropriate products
- Update design elevations and renderings
- Present design to College staff and DES
- Perform the Design Development cost estimate
- Review the project and estimate with College staff and DES, adjust priorities if required

Construction Drawings

- Develop a phasing schedule and plan that minimizes the impact on College operations
- Complete working drawings and specifications for permit and public bid
- Perform constructability/quality control reviews
- Perform a sustainability review
- Perform the Final cost estimate
- Review project and estimate College staff and DES, adjust priorities if required
- Verify final list of bidding Alternates

Permitting

- Coordinate applications and review fees
- Submit project to Authority Having Jurisdiction for permit review
- Respond to any comments, and re-submit documents as required

Bidding

- Coordinate posting of bid documents
- Answer any questions during the bid period through Addendum
- Assist with bid opening, review, checking references and responsibility criteria
- Review bids and answer questions with College staff and DES

Construction

- Review submittals of proposed products and systems
- Perform on-site quality inspections
- Coordinate changes in the work
- Review Contractor pay applications and diversity plan
- Perform substantial completion punch-list inspections
- Review project progress with College staff and DES on a weekly basis

Closeout

- Perform final completion inspection
- Review warranty and operations and maintenance manuals
- Complete DES closeout checklist

PAST PERFORMANCE

Design Cost Control

Cost Control is an integral part of MSGS Architect's design process that infuses every stage of our decision making and we will include the College at every decision-making juncture. MSGS has been designing publicly bid work for over 40 years--more than 75% of the projects we design are delivered through design-bid-build. We work with professional cost estimating consultants from the first concepts of preliminary design through final construction documents. Juan Iringan is on our team, he has provided accurate cost estimating for over 20 years and we trust him to provide honest cost analysis and feedback.

Every design decision we make looks for the best long-term value while meeting the goals of the project. Through life cycle cost analysis and value analysis, we look at ways to save money not only with the first costs of construction, but over the extended life of the facility.

MSGS has an impressive record of delivering projects on time and on budget. Early in design, we meet with the client and cost estimator to discuss and identify alternates and priorities most important to the building's stakeholders. In this way, the design is continually developed to provide a project that meets the expectations of our clients and can be built for the MACC (maximum allowable construction cost) or funds available at the time of bidding.

Bid timing is also critical for obtaining the best value. The best prices historically are obtained when projects go to bid between January and March as contractors are preparing for the spring/summer building season.

Communication

Successful projects begin by defining three main parameters: **Scope, Quality, and Budget**. Throughout the life of a project, new information and adjustments in priorities can alter any one of these. If not addressed quickly, these issues can adversely affect the project schedule. Open, honest, transparent and timely communication is essential to quickly understand and address these issues to deliver the project you expect. MSGS will:

- **Develop an atmosphere of trust-** When all participants feel they have a voice and will be heard and respected, meaningful dialogue can occur.
- **Listen more than talk-** Our primary job is to listen to your ideas and translate them into physical space that infuses meaning and experience as a reflection of who you are.
- **Keep the big picture in focus-** Make sure the overall design goals (the big picture) have been communicated to all team members. Often a proposal to solve one problem creates another when not tested against the grand design.
- **Develop a clear and understandable work plan-** The project work plan and schedule includes critical path items, milestones & deliverables. MSGS shares all documents online with team members.
- **Hold regular, face-to-face design and management meetings**- There is no substitute for sitting down at the same table and engaging in discussion. We recommend holding weekly meetings throughout the design phases and during construction.
- **Use clearly understandable narratives, drawings and graphics**- To visually convey the design, MSGS uses Building Information Modelling (BIM) software which allows us to present realistic 3-D models and renderings easily understood by clients, contractors, and sub- consultants.

PAST PERFORMANCE

Management Style

Our firm philosophy begins with a hands-on approach to all aspects of our work -- firm principals are actively involved at every step from initial meetings to final closeout. We will be responsible for ensuring the project is managed to meet deadlines, stay on budget, and exceed client expectations.

MSGS believes the 4 keys to successful project management are:

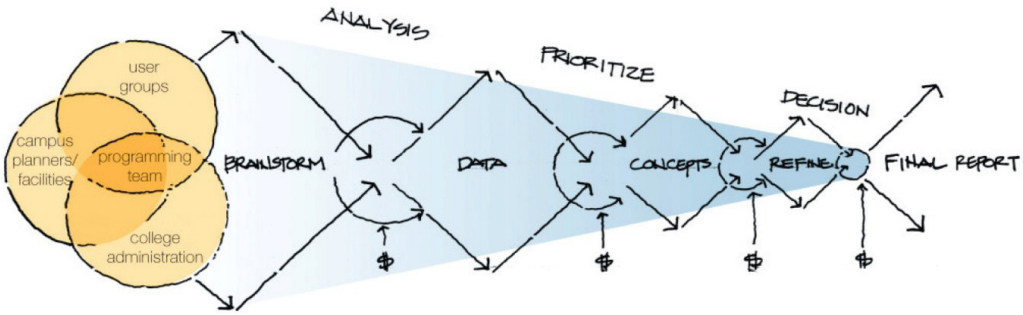
- **Clear description and communication of goals and expectations to the entire team;**
- **Careful and continuous tracking of project cost estimates;**
- **Ongoing QA/QC and constructability reviews by principals not directly working on the project;**
- **Clear, realistic project schedule with milestones and deliverables.**

Quality Control/Assurance Process

MSGS has a reputation for providing excellent construction documents and establishing good working relationships with owner's representatives and contractors. We hold regularly scheduled meetings with our clients and consultants at appropriate intervals to facilitate coordination of the design, drawings and documents throughout the design process. This is the forum to work out the technical details of the project which will allow construction to proceed as smoothly as possible. When applicable, 3-D Building Information Modelling (BIM) is shared among our consultant team to help visualize and identify conflicts and coordination issues during design. MSGS Architects uses Revit BIM software.

At the end of each phase of design and contract documents, the MSGS Partner-In-Charge uses the Multi- Check® system to check for errors and completeness, as well as coordinate our documents with other design consultants on the team. We also assign an MSGS Partner who is not directly involved in the project to review for quality control. We will then go through the drawings page by page with the representatives of the Owner to ensure you understand what is in the documents, make adjustments, and answer any questions you may have prior to moving on to the next phase.

When questions do arise, we pride ourselves on being available and responsive during the construction phase of a project. MSGS, located in Olympia, will be available to quickly address issues and keep projects moving forward and on schedule.



Quality design is a clear result of clear, open communication and an intentional approach to prioritization and decision making.

DIVERSE BUSINESS INCLUSION STRATEGIES

Approach to Diverse Inclusion

MSGS Architects is a registered Small Business Enterprise and embraces the Department of Enterprise Service's mission to encourage participation by Minority and Women's Business Enterprises, Veteran-Owned Businesses, and Washington Small Businesses in state-funded projects.

Goals. MSGS maintains a list of sub-consultant partners who are registered Diverse Businesses and we utilize their services whenever practical and possible. We have included in this proposal at least one registered Diverse Business in each sub-consultant category to ensure we have opportunities for a diverse team no matter the scope of the project. Our firm goals for diversity as a percentage of fee are as follows:

SBE:	50%
MBE:	10%
WBE:	10%
Veteran-Owned:	10%

History of Outreach. Since the mid-1980's, MSGS consistently provided architectural services for state-funded projects, and many of our best subconsultants happen to be Diverse Businesses. When the Diverse Business Inclusion Plan was first launched, MSGS began seeking out a larger pool of registered subconsultants through advertisement on our Web Site, DES outreach events and networking. We have also participated in outreach events to encourage Diverse contractors to bid on State projects we design.

MSGS On-Call contracts over the past decade have provided us with multiple projects requiring limited subconsultant services. We have been successful contracting with Diverse Businesses on most of these projects, providing first-time experiences working with three firms. During this time, MSGS has contracted with:

- Matson-Carlson Assoc, Costing (WBE)
- Tres West Engineers (MBE)
- Berona Engineers (MBE)
- Northwest Archaeological Assoc (WBE)
- Osborne Consulting (WBE)
- Gretchen Sturtevant Interiors (WBE)
- LPD Engineering (WBE)
- Wood Harbinger (SBE)
- Saez Consulting Engineers (MBE)
- Cite|specific (WBE)
- Juan Iringan Consulting (MBE)

Currently, we have expanded to new consultant relationships with MWBE firms:

- Magnan Consulting (Veteran-Owned)
- HBB Landscape Architects (WBE)
- SCJ Alliance (SBE)
- JMJ Team (WBE)

Diversity Tracking. MSGS understands the need to track outcomes in a consistent way. Since its inception, we have been using the DES B2Gnow! web-based tool and have numerous projects in the system being tracked and reported on a monthly basis. We also track our own for all publicly funded projects data in-house.

Client/Project	Agreement $	Year	% of Agreement Amount
Centralia College Old Student Center Repurpose	$7,180.00	2017	MBE – 14% SBE – 47%
Chehalis School District Predesign	$45,400.00	2018	MBE – 9% SBE – 56%
WSP Preston Facility	14,637.00	current	WBE – 79% SBE – 10%
WSP Ridgefield Scale House Replacement	$699,835.23	current	DVA – 27% SBE – 39%
Centralia College – Ext. Circulation Improvements	$142,937.06	current	MBE – 1% SBE – 88%

SF 330 PART II

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any): **1001 106**

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM *(or branch office)* NAME	3. YEAR ESTABLISHED	4. DUNS NUMBER
Karen Kiest Landscape Architects	**2002**	**166637285**

2b. STREET	5. OWNERSHIP
111 West John Street, Suite 306	a. TYPE: **Sole Proprietorship**
2c. CITY: **Seattle** / 2d. STATE: **WA** / 2e. ZIP CODE: **98119**	b. SMALL BUSINESS STATUS
6a. POINT OF CONTACT NAME AND TITLE: **Karen S. Kiest, Principal**	7. NAME OF FIRM *(if block 2a is a branch office)*
6b. TELEPHONE NUMBER: **(206) 323-6032** / 6c. E-MAIL ADDRESS: **kkiest@kk-la.com**	

8a. FORMER FIRM NAME(S) (if any)	8b. YR. ESTABLISHED	8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of employees (1) FIRM	c. No. of employees (2) BRANCH
07	**Landscape Architect**	**5**	
	Other Employees		
	Total	**5**	

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience/		c. Revenue Index Number *(see below)*
CO2	**Cemeteries**	**1**	**1**
020	**Conservation and Resource Mgmt.**	**9**	**1**
047	**Historic Preservation**	**9**	**1**
106	**Irrigation**	**68**	**1**
L03	**Landscape Architecture**	**420**	**4**
204	**LEED/LEED EB**	**35**	**1**
060	**Libraries**	**2**	**1**
079	**Master/Site Planning**	**18**	**1**
072	**Office Buildings**	**25**	**1**
HO7	**Highways, Streets, Parking Lots**	**25**	**1**
P07	**Planning**	**28**	**1**
R04	**Recreation Facilities**	**30**	**1**
100	**Sustainable Design**	**89**	**1**
H11	**Housing**	**202**	**2**
E02	**Educational Facilities**	**75**	**2**

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(insert revenue index number shown at right)

a. Federal Work	**1**
B. Non-Federal Work	**4**
c. Total Work	**4**

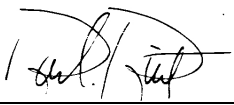
PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less that $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE



b. DATE: **05/04/2022**

c. NAME AND TITLE: **Karen S. Kiest, Principal**

AUTHORIZED FOR LOCAL REPRODUCTION
MANDATORY USE DATE OF FORM 5/1/2004

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(if any)*
2021-224

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME Rovelstad Architects			3. YEAR ESTABLISHED 2010	4. DUNS NUMBER 603-162-492
2b. STREET 300 Morrill Place			5. OWNERSHIP	
			a. TYPE PLLC	
2c. CITY Bainbridge Island	2d. STATE WA	2e. ZIP CODE **98110**	b. SMALL BUSINESS STATUS	
6a. POINT OF CONTACT NAME AND TITLE Andrew Rovelstad, Principal/Owner			7. NAME OF FIRM *(If block 2a. is a branch office)*	
6b. TELEPHONE NUMBER 206-518-3678	6c. E-MAIL ADDRESS andy@rovelstad.net			

8a. FORMER FIRM NAME(S) (If any)	8b. YR ESTABLISHED	8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH
02	Administrative	1/2	
06/01	Architects	1	
	Draftsman	1/2	
	Other Employees		
	Total		

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
E02/029	Educational Facilities; Classrooms	2
204	LEED	1
079	Master/Site Planning	1
S11/100	Sustainable Design	1
212	Building Condition Assessment	1
A01/001	ADA consulting	1
027	Dining Halls/Kitchens/Food Service	1
H08/047	Historic Preservation	1
L04/060	Libraries	1

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	
b. Non-Federal Work	2
c. Total Work	2

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,00 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE	b. DATE
	May 5, 2022

c. NAME AND TITLE Andrew Rovelstad, Principal-in-Charge

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(if any)*: 2021-224

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM *(or Branch Office)* NAME: PCS Structural *Solutions*		3. YEAR ESTABLISHED: 1969	4. DUNS NUMBER: 04-459-4075
2b. STREET: 1250 Pacific Avenue, Suite 701		5. OWNERSHIP	
2c. CITY: Tacoma	2d. STATE: WA	2e. ZIP CODE: 98402	a. TYPE: Corporation
6a. POINT OF CONTACT NAME AND TITLE: Jack Pinkard, S.E., Senior Principal			b. SMALL BUSINESS STATUS: N/A
6b. TELEPHONE NUMBER: 253.383.2797	6c. E-MAIL ADDRESS: jpinkard@pcs-structural.com		7. NAME OF FIRM *(If block 2a. is a branch office)*: N/A
8a. FORMER FIRM NAME(S) *(If any)*		8b. YEAR ESTABLISHED	8c. DUNS NUMBER
N/A		N/A	N/A

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH
02	Administrative	9	
08	CADD Technician	14	
57	Structural Engineer	48	
	Total	**71**	

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
A11	Auditoriums & Theaters	1
C06	Churches; Chapels	1
C10	Commercial Buildings	3
C11	Community Facilities	2
D07	Dining Halls; Clubs; Restaurants	3
E02	Educational Facilities; Classrooms	7
F02	Field Houses; Gyms; Stadiums	1
G01	Garages; Vehicle Maint Facilities	2
H09	Hospital & Medical Facilities	6
H10	Hotels; Motels	3
H11	Housing	6
I01	Industrial Buildings	3
J01	Judicial and Courtroom Facilities	1
L01	Laboratories; Medical Research	1
L04	Libraries; Museums; Galleries	1
O01	Office Buildings; Industrial Parks	4
P08	Prisons & Correctional Facilities	1
P13	Public Safety Facilities	2
S03	Seismic Designs & Studies	2
S05	Soils & Geologic Studies; Foundations	1
S09	Structural Design; Special Structures	2
W01	Warehouses & Depots	1

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUE OF FIRM FOR LAST 3 YEARS
(Insert revenue index number shown at right)

a. Federal Work	1
b. Non-Federal Work	8
c. Total Work	8

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE: Jack J Pinkard

b. DATE: May 4, 2022

c. NAME AND TITLE: Jack Pinkard, S.E., Senior Principal

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*: N/A

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (*or Branch Office*) NAME	Interface Engineering, Inc.
2b. STREET	100 SW Main Street, Suite 1600
2c. CITY	Portland
2d. STATE	OR
2e. ZIP CODE	97204
3. YEAR ESTABLISHED	1969
4. UNIQUE ENTITY IDENTIFIER	HBJHS9QLSCW5
5. OWNERSHIP	
a. TYPE	Corporation
b. SMALL BUSINESS STATUS	None
6a. POINT OF CONTACT NAME AND TITLE	Andy Frichtl, PE, LEED AP, Managing Principle
6b. TELEPHONE NUMBER	503-382-2266
6c. EMAIL ADDRESS	andyf@interfaceeng.com
7. NAME OF FIRM *(If Block 2a is a Branch Office)*	N/A

8a. FORMER FIRM NAME(S) *(If any)*	8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER
McGinnis Engineering, Mc-An Engineering	1969	HBJHS9QLSCW5

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. Number of Employees (1) FIRM	c. Number of Employees (2) BRANCH
02	Administrative	26	15
08	Draft/CAD Person	7	5
21	Electrical Engineers	21	21
42	Mechanical Engineers	42	42
25	Fire Protection Engineers	2	2
	Electrical Designers	35	35
	Mechanical Designers	27	27
	Fire Protection Designers	6	6
	Tech / Comm Designers	9	9
	Lighting Designers	5	5
	Plumbing Engineers	4	1
	Plumbing Designers	25	25
	Commissioning Engineers	1	0
	Commissioning Staff	3	1
	Energy Analysts	3	2
	Other Employees		
	Total	219	104

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
C06	Churches	2
C10	Commercial Buildings, Shopping	5
D07	Hospitality, Dining, Restaurants	6
E02	Educations Facilities, Classrooms	8
I08	International Including Embassies	6
R04	Recreation Facilities, Parks	5
H09	Hospital and Medical Facilities	7
H11	Housing, Multifamily	7
L04	Libraries, Museums, Galleries	5
O01	Office Buildings, Industrial Parks	7
W03	Water Supply, Treatment	3

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

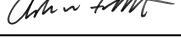
a. Federal Work	6
b. Non-Federal Work	9
c. Total Work	10

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 

b. DATE: 04/26/22

c. NAME AND TITLE: Andy Frichtl, PE, LEED AP, Managing Principle

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME	3. YEAR ESTABLISHED	4. DUNS NUMBER
Project Delivery Analysts, LLC	2010	965503589

2b. STREET	5. OWNERSHIP
9001 Springwood Avenue NE	a. TYPE: Limited Liability Corporation type S

2c. CITY	2d. STATE	2e. ZIP CODE	b. SMALL BUSINESS STATUS
Bainbridge Island	WA	98110	King County SCS #1217

6a. POINT OF CONTACT NAME AND TITLE	7. NAME OF FIRM *(If block 2a is a branch office)*
William Jones, Partner	

6b. TELEPHONE NUMBER	6c. E-MAIL ADDRESS
206.799.9345	wjones@pda-llc.net

8a. FORMER FIRM NAME(S) *(If any)*	8b. YR. ESTABLISHED	8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH
16	Construction Manager	1	
18	Project Manager/Estimator	1	
	Other Employees		
	Total	2	

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
C06	Churches, chapels	1
C10	Commercial low rise / shopping	1
C11	Community facilities	1
E02	Educational buildings, classrooms	2
F02	Gyms, stadiums	1
H08	Historic preservation	2
H09	Hospital and medical	1
H10	Hotels	1
H11	Housing (multi family)	2
I01	Industrial buildings, manufacturing	1
R04	Recreational facilities	1
S09	Special Structures	1
A06	Airports, terminals and hangers	2

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	1
b. Non-Federal Work	4
c. Total Work	4

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,00 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE	b. DATE
Digitally signed by William Jones, PE DN: cn=William Jones, PE, o, ou, email=wjones@pda-llc.net, c=US Date: 2017.11.09 14:47:04 -08'00'	5/4/2022

c. NAME AND TITLE

William Jones, PE, Partner

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (*or Branch Office*) NAME
O'Brien360

3. YEAR ESTABLISHED
1991

4. UNIQUE ENTITY IDENTIFIER
946499191

2b. STREET
710 Second Avenue, Suite 925

5. OWNERSHIP

a. TYPE
Limited Liability Company

2c. CITY
Seattle

2d. STATE
WA

2e. ZIP CODE
98104

b. SMALL BUSINESS STATUS
King County Certified Small Contractor and Supplier (SCS)

6a. POINT OF CONTACT NAME AND TITLE
Donna Trost

7. NAME OF FIRM *(If Block 2a is a Branch Office)*

6b. TELEPHONE NUMBER
206-621-8626

6c. EMAIL ADDRESS
donna@obrien360.com

8a. FORMER FIRM NAME(S) *(If any)*	8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. Number of Employees (1) FIRM	c. Number of Employees (2) BRANCH
02	Administrative	3	
42	Mechanical Engineer	7	
	Sustainable Building Consultant	13	
	Other Employees		
	Total		

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
S11	Sustainable Design	6

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	
b. Non-Federal Work	
c. Total Work	

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE

b. DATE

c. NAME AND TITLE

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(if any)*: 2021-224

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME **MSGS Architects, Inc.**		3. YEAR ESTABLISHED: 1974	4. DUNS NUMBER: 122120694
2b. STREET **510 Capitol Way South**		5. OWNERSHIP a. TYPE **Corporation**	
2c. CITY **Olympia**	2d. STATE: WA / 2e. ZIP CODE: 98501	b. SMALL BUSINESS STATUS **NAICS 5431310**	
6a. POINT OF CONTACT NAME AND TITLE **Bill Sloane, AIA LEED- ap, Partner/Architect**		7. NAME OF FIRM *(If block 2a. is a branch office)*	
6b. TELEPHONE NUMBER **360-943-6774 Ext 108**	6c. E-MAIL ADDRESS **bills@msgsarch.com**		

8a. FORMER FIRM NAME(S) (If any)	8b. YR ESTABLISHED	8c. DUNS NUMBER
Masini,Sanford Gabrielse & Schoenfeldt Architects, 1984-2004 **Falter-Masini 1974-1984**	**1974**	**122120694**

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH
01	Architect	3	
	Administrative	1	
47	CAD Drafting	1	
	Specifications Writer	1	
	Other Employees		
	Total	6	

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
008	Auditoriums & theaters	2
015	Daycare facilities	2
017	Commercial Building (low rise)	2
027	Dining halls/Kitchens/Food Service	2
029	Educational Facilities; Classrooms	4
030	Gyms, Stadiums, Field Houses	2
031	Elevators; Escalators; People-	1
048	Hospitals & Medical facilities	2
050	Housing/Group Homes	1
060	Libraries	1
072	Office Buildings	3
079	Master Planning / Site Planning	1
089	Rehabilitation (Buildings;	1
100	Sustainable Design	4
201	Roofing, design and inspection	2
202	ADA consulting	1
203	ESCO Projects	1
204	LEED/LEED EB	2
212	Building Condition assessment	1

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	1
b. Non-Federal Work	4
c. Total Work	5

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,00 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE: R. William Sloane

b. DATE: 05/04/2022

c. NAME AND TITLE: **R.William Sloane, Partner / Principal**

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

A. CONTRACT INFORMATION

2a. FIRM (OR BRANCH OFFICE) NAME KPFF, Inc. (dba KPFF Consulting Engineers) – Portland Office		3. YEAR ESTABLISHED 1974 (Portland Office)	4. UNIQUE ENTITY IDENTIFIER 06-877-2284
2b. STREET 111 SW Fifth Avenue, Suite 2600		5. OWNERSHIP 5a. TYPE Corporation	
2c. CITY Portland	2d. STATE OR / 2e. ZIP CODE 97204	b. SMALL BUSINESS STATUS N/A	
6a. POINT OF CONTACT NAME AND TITLE Matthew J. Dolan, PE, Managing Principal | Civil Engineering + Surveying		7. NAME OF FIRM *(If block 2a is a branch office)* KPFF Consulting Engineers	
6b. TELEPHONE NUMBER (503) 542-3860	6c. E-MAIL ADDRESS matt.dolan@kpff.com		
8a. FORMER FIRM NAME(S) *(If any)* (1) Albert Kelly and Associates (2) Kelly and Pittelko (3) Kelly Pittelko Fritz and Forssen (4) KPFF Consulting Engineers, Inc.		8b. YR. ESTABLISHED (1) 1960 (2) 1962 (3) 1964 (4) 1976	8c. UNIQUE ENTITY IDENTIFIER 042477729

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH
02	Administrative	150	21
07	Biologist	2	1
08	CADD Technician	139	15
12	Civil Engineer	286	55
14	Computer Programmer	1	
15	Construction Inspector	3	3
16	Construction Manager	8	
38	Land Surveyor	54	16
42	Mechanical Engineer	10	
43	Mining Engineer	1	1
47	Planner: Urban/Regional	1	
48	Project Manager	17	
57	Structural Engineer	563	73
60	Transportation Engineer	36	
		1271	185

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number (see below)
H09	Hospital & Medical Facilities	8
E02	Educational Facilities; Classrooms	8
H11	Housing (Residential, Multi-Family	8
C10	Commercial Building; Shopping Centers	8
O01	Office Buildings; Industrial Parks	8
T03	Traffic & Transportation Engineering	8
H01	Harbors; Jetties; Piers, Ship Terminals	7
I01	Industrial Buildings; Manufacturing	7
A06	Airports, Terminals, Hangars	7
B02	Bridges	7
H07	Highways; Streets; Airfield Paving	7
D04	Design-Build - Prep for RFPs	7
S09	Structural Design; Special Structures	6
R04	Recreation Facilities (Parks, Marinas)	6
G01	Garages; Vehicle Maintenance Facilities	6
H10	Hotels; Motels	6
H06	Highrise; Air-Rights-Type Building	6
E06	Embassies and Chanceries	5
C15	Construction Management	5
S10	Surveying; Platting; Mapping	5
F04	Fisheries; Fish Ladders	5
C11	Community Facilities	5

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS
(insert revenue index number shown at right)

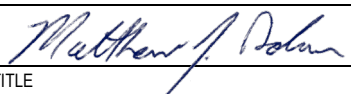
a. Federal Work	7
b. Non-Federal	10
c. Total Work	10

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 

b. DATE
January 1, 2022

C. NAME AND TITLE
Matthew J. Dolan, Principal