

Key Staff Resumes / PE-Design Services

Attached please find the following key staff resumes in support of Parametrix's proposal for PE-Design Services:

Brian Bierwagen, PE, PMP - Project Manager

Bill Ciz - Project Manager

Dan McIntier, PE - Structural Engineering

Jim Phillips, PE - Roadway Design

Dave Mills, PLS - Survey

Rajiv Ali, PE, GE - Geotechnical

Randy Reeve - Environmental

Doug Gates, PE - Hydraulics

Leslie Finnigan - Right-of-Way

Stacy Thomas - Public Involvement

KEY STAFF RESUMES

Consultant Name: Parametrix RFP #: 25134 [OR] Mini-Solicitation #: _____

Project Name: Full-Service A&E Price Agreements for ODOT and Local Agency Transportation Projects – PE-Design

<p>Name & Title: Brian Bierwagen, PE, PMP Transportation Division Manager</p>	<p>Experience on relevant projects:</p>
<p>Name of firm (only if sub):</p>	<p>Port Westward Road Improvements Phase 1A and 1B: Project Manager (Columbia County) Managed multi-discipline, multi-phase project to improve seven miles of roadway. Included bike/ped, intersection and safety improvements. Provided permitting and PS&E through CA/CEI.</p>
<p>Role on this project: Project (Contract) Manager</p>	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Completed Phase 1A on a fast track schedule to allow construction of a power generating and ethanol plant.
<p>Active registration in Oregon (Y/N): Y Discipline: Professional Engineer-Civil</p>	<p>Client Feedback</p> <p>“There is always good alignment in Parametrix’s understanding of what the County needs. I appreciate that Brian understands what I am looking for, and what can be accomplished within limited budgets.” ~Dave Hill, Columbia County Director of Public Works</p>
<p>Education: BS, Civil Engineering</p>	<p>Columbia Blvd: US 30 – 1st St Paving (City of St. Helens/ODOT LPA contract) Managed design to overlay this urban street. Design required evaluating existing grades to maintain drainage, staged traffic control on a busy city street, and maintaining business access.</p>
<p>Years of experience in discipline/role proposed for this project: 30</p>	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Project design met all ARRA design, quantity, and documentation requirements.
<p>Contributions to ODOT and Local Agencies:</p> <ul style="list-style-type: none"> ▪ Knowledge gained through a career focused on multi-disciplinary projects for state DOTs and local agencies facilitates balanced project solutions that result in on-schedule, on-budget project delivery. ▪ 18 years of experience working on local agency projects in Oregon, 7 of which have been on the last two ODOT LPA contracts addressing LAG manual requirements. This experience will result in a successful balance between ODOT and local agency needs. ▪ Managed both design and construction delivering multidiscipline transportation projects for ODOT results in an understanding on preparing the WOC, BOC, environmental closeout, project delivery checklist, PS&E, and construction QA documentation. 	<p>Client Feedback</p> <p>The City gave Parametrix perfect 10s on the ODOT Local Agency Reference Form.</p>
	<p>Canaan Road Safety Project: Project Manager (Columbia County/ODOT LPA contract) Managed design for safety improvements on this sharp curve with multiple fatal accidents. Work flattened the inside cut slope improving sight distance and drainage and installed guardrail. Bid documents and construction documentation conformed to FHWA and ODOT LAG Manual standards.</p>
	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Acquired design exception to minimize construction cost and match existing roadways. ▪ Located guardrail on steep fill slope eliminating environmental impacts to watershed below.
	<p>Client Feedback</p> <p>The County gave Parametrix a score of 20/20 on the ODOT Local Agency Reference Form.</p>
	<p>I-5: Creek & County – Central Point, Bundle 302 (ODOT) Managed preparation of final contract documents for three bridge replacements and one bridge retrofit. Required coordination with the Cities of Medford and Central Point, Jackson County, and ODOT to minimize impact for closing I-5 overnight to demo the existing bridge.</p>
	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Staged construction to minimize traffic impacts to busy County Fairgrounds and amphitheater.

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Name & Title: Bill Ciz Senior Planner	Experience on relevant projects:
Name of firm (only if sub):	<i>Newberg Dundee Bypass (ODOT, Region 2)</i>
Role on this project: Project Manager	For the past eight years Bill has led the consultant team to help local governments and ODOT solve traffic congestion on Oregon 99W in Yamhill County. The project was developed in two tiers in conjunction with NEPA requirements. The Tier 1 Final EIS and Record of Decision (ROD) along with local government exceptions to statewide land use planning goals were completed in 2005. The next NEPA phase, Tier 2, developed preliminary engineering alternatives, analyzed specific environmental impacts, completed a public hearing, selected a preferred alternative, and completed the Tier 2 FEIS and ROD. Tier 2 also included additional modifications to the land use goal exception and traffic analysis, conceptual design, and environmental documentation for first construction phase (Phase 1) of the Bypass funded by \$192 million from the 2009 Jobs and Transportation Act. Tier 2 was completed in June, 2012.
Active registration in Oregon (Y/N): No Discipline: NA	Parametrix, with Bill as the Project manager, is currently preparing final design for stormwater, erosion control, and landscape design, and is providing environmental/land use permitting project support to Region 2 in the PS&E and construction phases.
Education: BS, Geography Certificate, Urban Planning	Outcomes Completed NEPA and land use process for the Bypass including all Phase 1 elements. Developed innovative processes to streamline environmental approval and permitting of Phase 1.
Years of experience in discipline/role proposed for this project: 35	Client Feedback “Our thanks go out to the Parametrix team for their help in completing a successful environmental analysis, planning, and design effort.” “Ciz is an absolute team player...his communication is very proactive...clearly identifies ODOT decisions...he is very positive... excellent Project Manager. “ ~Tim Potter, Mid-Willamette Area Manager
Contributions to ODOT and Local Agencies:	<i>Variable Message Signs (ODOT Regions 2 and 4)</i>
<ul style="list-style-type: none"> ▪ <i>Experience managing large, multi-disciplinary projects for ODOT</i>, both while working at ODOT and as a transportation consultant. ▪ <i>Because of prior employment with ODOT</i>, Bill provides a thorough understanding of local, state, and federal policies, procedures, and standards for all types of transportation projects. ▪ <i>Experience on ODOT transportation construction projects</i>, Bill provides an understanding of practical, buildable design solutions and Federal documentation procedures and requirements. 	Bill managed the development of PS&E for eight variable message signs on interstate and state highways throughout Oregon. Project design included site surveying, geotechnical investigation, foundation design, structural design, and coordination with Region 2 and 4 Construction Offices on construction engineering.
	Outcomes Both the Region 2 and Region 4 final design contracts were completed on time and within budget.
	<i>Employment with ODOT</i> Bill was employed by ODOT for many years, managing projects through all phases. Examples include the I-5 Lower Boones Ferry Interchange and the US 26 Zoo-Sylvan Hill climbing lane.

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<p>Name & Title: Dan McIntier, PE Senior Engineer</p>	<p>Experience on relevant projects:</p>
<p>Name of firm (only if sub):</p>	<p>OTIA III Statewide Full Service Contract: Multiple Projects (ODOT) Managed design of Spencer Creek Bridge on US 101, accounting for a future tsunami. Managed Bridge Bundles 204 and 213 (bridge repairs/strengthening). Engineer of record for South Medford Interchange project (10 bridges and MSE walls).</p>
<p>Role on this project: Structural Engineering</p>	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ With ODOT multidiscipline leads, coordinated structures with other disciplines through construction. Bundle repair costs were significantly below original construction budgets.
<p>Active registration in Oregon (Y/N): Y Discipline: Professional Engineer-Civil OBDDP Certified CS³ Project Manager/Design Lead</p>	<p>Client Feedback</p> <p>Scored perfect 10s on client feedback for managing, coordinating, and delivering the bridge bundles.</p>
<p>Education: BS, Civil Engineering</p>	<p>Roy Creek Culvert Replacement (Tillamook County) Project manager and engineer of record for a culvert to bridge replacement near the Oregon Coast. Led a multidiscipline team on work which included improving fish passage and restoring spawning habitat. Project funded by OWEB, American Rivers, ODFW, and USFWS.</p>
<p>Years of experience in discipline/role proposed for this project: 29</p>	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Successfully constructed well under the engineer’s estimate, and restored the stream within the in-water-work permit. ▪ After ten years of multiple agency involvement, the project returned the stream gradient and width to historic conditions for salmon, lamprey, and steelhead.
<p>Contributions to ODOT and Local Agencies:</p> <ul style="list-style-type: none"> ▪ Experienced manager and lead engineer with a career focused on multidiscipline projects for state DOTs and local agencies providing solutions that result in on-schedule, on-budget project delivery. ▪ A 9-year history working for ODOT through Statewide and local agency contracts and addressing LAG manual requirements results in successful balance between ODOT and local agency needs. 	<p>Client Feedback</p> <p>“Parametrix performed both the design and construction engineering on this project. Their team was always available and handled any problems that arose in a professional manner.... Composing a design that met the criteria for an adequate railroad crossing was a difficult task with the budget constraints with Grant money. Parametrix has met and exceeded all the criteria.” ~Liane Welch, PE, Director of Public Works</p>
	<p>Beaver Creek Road Bridge/Fishhawk Creek Bridge (Columbia County/ODOT LPA contract) Manager and engineer of record for multidiscipline project to replace Beaver Creek Bridge within a park, requiring consideration of recreational users during construction. Also managed Fishhawk Creek Bridge/realigned road project, minimizing impacts to homeowners and loggers.</p>
	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Beaver Creek: With Parametrix environmental staff, worked to design the bridge and plan construction methods that will minimize impacts to environmentally sensitive, fish-bearing stream. Worked with County Parks to maintain access to the park during construction. ▪ At Fishhawk Creek, negotiated with agencies to reduce usually-required bridge length and save construction costs. Also negotiated right-of-way easements with four homeowners.

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Name & Title: Jim Phillips, PE Engineer IV	Experience on relevant projects:
Name of firm (only if sub):	<i>Columbia Blvd: US 30 – 1st St Paving (City of St. Helens/ODOT LPA contract)</i>
Role on this project: Roadway Design	Jim led the design of this City of St. Helens, Oregon street improvement project. Working with City of St. Helens engineering department staff, Jim designed improvements to a six-block section of downtown St. Helens which included; evaluating existing grades to maintain drainage, staged traffic control on a busy city street, and maintaining business access.
Active registration in Oregon (Y/N): Y	Outcomes
Discipline:	<ul style="list-style-type: none"> ▪ Successfully guided the City of St. Helens through the ODOT Local Agency process, resulting in roadway improvements to a section of downtown St. Helens.
<ul style="list-style-type: none"> ▪ Professional Engineer-Civil ▪ ODOT Certified General Inspector (CGI) ▪ ODOT Certified Hot Mixed Asphalt Concrete Inspector (HMAC) ▪ ODOT Certified Transport Estimator User 	Client Feedback
Education: BS, Civil Engineering	City staff provided Parametrix with perfect 10s on the ODOT Local Agency Reference Form for design and CA/CEI.
Years of experience in discipline/role proposed for this project: 15	<i>Clackamas River Springwater Road Bridge (Clackamas County)</i>
Contributions to ODOT and Local Agencies:	Responsible for traffic control and staging design for this bridge replacement project. The site of this high-volume two lane road presented many challenges to accommodate the existing travelling public while allowing the contractor sufficient access. These constraints included availability of right-of-way, historical structures in the vicinity, and challenging topography.
<ul style="list-style-type: none"> ▪ <i>Prior experience with local agency projects</i> from initial project prospectus through final construction acceptance provides a successful project delivery process from cradle to grave. ▪ <i>Willingness to listen to the Local Agency and their project needs</i> results in a design that balances their needs with a successful solution. 	Outcomes
	<ul style="list-style-type: none"> ▪ Currently under construction, this project has effectively and safely accommodated all modes of travel (vehicular, pedestrian, and river users) during replacement of the existing bridge.
	<i>Columbia County Road Department Projects (Columbia County/ODOT LPA contract)</i>
	As lead roadway designer, Jim led the successful design and construction engineering of ODOT local agency projects for the Columbia County Road Department. Projects included, Apiary Rd: MP14-MP19 pavement resurfacing, Canaan Road Guardrail, and the Scappoose-Vernonia Road – MP8.0.
	Outcomes
	<ul style="list-style-type: none"> ▪ Design/construction of roadway and safety improvement projects addressing the LAG manual.
	Client Feedback
	For Canaan Road, the County gave Parametrix a score of 20/20 (ODOT Local Agency Reference Form).
	<i>I-5: Creek & County – Central Point, Bundle 302 (ODOT)</i>
	Jim prepared PS&E for the replacement of three bridges and the repair of one bridge. He used Inroads and MicroStation to develop roadway geometrics and design model, and led preparation of stormwater, temporary traffic control, signing, and striping.
	Outcomes
	<ul style="list-style-type: none"> ▪ Staged construction to minimize traffic impacts to busy County Fairgrounds and amphitheater.

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<p>Name & Title: Dave Mills, PLS President/Surveyor</p>	<p>Experience on relevant projects:</p>
<p>Name of firm (only if sub): Dave Mills Consulting Inc.</p>	<p><i>S. Fork Siuslaw River and Bear and Hayes Creeks (Bundle 509) (ODOT)</i> Survey task leader for OBDP/ODOT on the replacement of three bridges on HWY 200 over the S. Fork of the Siuslaw River, Bear Creek and Hayes Creek. Work consisted of control network, right-of-way establishment, right-of-way dedications and exhibits as well as topographic survey and mapping.</p>
<p>Role on this project: Surveyor</p>	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Work was completed on time and under budget.
<p>Active registration in Oregon (Y/N): Y Discipline: Professional Land Surveyor</p>	<p>Client Feedback Because of successful completion of this project, Dave was assigned additional project work.</p>
<p>Education:</p> <ul style="list-style-type: none"> ▪ BS, Civil Engineering Technology ▪ Associate of Engineering, Survey Technology ▪ ODOT Fundamental of ROW Engineering 	<p><i>Cascade Locks Marine Park Access (Port of Cascade of Locks/ODOT LPA contract)</i> Survey task leader for the design of alternatives for access over or under UPRR tracks. Work consisted of control network, boundary survey of the Port of Cascade Locks property, railroad right-of-way establishment as well as a complete topographic survey.</p>
<p>Years of experience in discipline/role proposed for this project: 35</p>	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Expedited field work by utilizing two robotic total stations at one time with two qualified surveyors. Work was completed on time and under budget.
<p>Contributions to ODOT and Local Agencies:</p> <ul style="list-style-type: none"> ▪ <i>Experience working for ODOT and local agencies</i> provides a knowledge of ODOT’s preferred policies and methods. ▪ <i>Experience across the state</i> is evidence of Dave’s ability to successfully deliver projects in all of ODOT’s regions. ▪ <i>Years of experience working for and with Parametrix</i> (Dave once served as the Parametrix survey division manager) allow Dave to serve efficiently as a seamless extension of our staff. 	<p>Client Feedback Dave completed this work for Parametrix and the Port. Parametrix continues to work with Dave repeatedly because he provides quality work on time.</p>
	<p><i>I-5 Creek and County (Bundle 302) (ODOT)</i> Survey task Leader for Parametrix/OBDP/ODOT on the replacement of two I-5 NB and SB structures and one bridge over Bear Creek. Work consisted of control network, right-of-way establishment, and topographic survey and mapping.</p>
	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Work was completed on time and under budget.
	<p><i>Crooked Creek and Cattlepass (Bundle 404) (ODOT)</i> Survey task Leader for HMM/OBDP/ODOT on the replacement of two bridges on HWY 18 over Crooked Creek and a cattlepass. Work consisted of control network, right-of-way establishment, right-of-way dedications and exhibits, as well as topographic survey and mapping.</p>
	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Work was completed on time and under budget.

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<p>Name & Title: Rajiv Ali, PE, GE Geotechnical Engineer</p>	<p>Experience on relevant projects:</p> <p><i>Bundle 508, Elkhead Road to Knowles Creek (ODOT)</i> Senior geotechnical engineer for the replacement of three bridges on Pacific Highway 1(I-5) and three bridges on OR-126. Conducted geotechnical investigations at each site, including rock coring and air track rigs.</p> <p>Outcomes</p> <ul style="list-style-type: none"> ▪ A value engineering analysis for detour pavements resulted in cost savings. ▪ Completed seismic hazard, detailed embankment, and retaining wall external stability analyses as recommended in ODOT GDM; completed analysis using ODOT and AASHTO LRFD methods. ▪ Incorporated spread footing, driven pile, pre-bored steel pile, and drilled shaft foundations. <p>Client Feedback “One of the best geotechnical reports I have seen for the ODOT Bridge Program.” ~Richard W. Hannan, PE, OBDP in a team meeting with TYLin, ODOT, and SCG.</p> <p><i>Sellwood Bridge Replacement Project (Multnomah County)</i> Geotechnical engineer as part of the Sellwood Bridge, Stevens Creek Bridge, and detour bridge portions of the project. Managed field program, geotechnical analysis, design and preparation of technical report. Also provided field observation of micropile foundation installation.</p> <p>Outcomes</p> <ul style="list-style-type: none"> ▪ The detour bridge foundation on east approach was modified to a micropile system to reduce footprint, mitigate vibration for adjoining condominiums, and to carry high uplift loads. ▪ Micropile foundation reduced construction time allowing detour foundations for the east approach to be constructed on schedule for a pending bridge move. <p><i>OR 38 Bridge Bundle 401, Elk Creek to Hardscrabble Road, Douglas County (ODOT)</i> Senior geotechnical engineer for replacement of four bridges on Elk Creek between Elkton and Drain and one bridge on Hardscrabble Creek. Bridges were between 80 to 420 feet in length.</p> <p>Outcomes</p> <ul style="list-style-type: none"> ▪ Provided recommendations for seismic design, bridge foundation support (spread, driven piles, and drilled shafts), retaining walls, reinforced soil slopes, rock cuts, and pavements. ▪ Provided design services for 40-foot-high reinforced soil slope at Elk Creek Crossing #1. ▪ Provided VE services for pavement rehabilitation on both sides of Elk Creek Crossing 2 and 3 due to proximity of tunnel which saved considerable construction schedule and budget. <p>Client Feedback Rapid replacement of two bridge structures at Elk Creek Crossing Number 2 and 3 in less than 48-hours each has been highly successful for ODOT and provided extremely positive feedback from the community and media.</p>
<p>Name of firm (only if sub): Rhino One LLC</p>	
<p>Role on this project: Geotechnical Engineer</p>	
<p>Active registration in Oregon (Y/N): Y Discipline: Geotechnical</p>	
<p>Education: PhD, Geotechnical Engineering</p>	
<p>Years of experience in discipline/role proposed for this project: 18</p>	
<p>Contributions to ODOT and Local Agencies:</p> <ul style="list-style-type: none"> ▪ <i>Experience on transportation infrastructure projects</i> provides knowledge of appropriate design methods and criteria required by various local jurisdictions, IBC, FHWA, WSDOT, and ODOT. ▪ <i>Work with various computer programs</i> like LPile V6.0, Group V8, Slide, SettleG, Plaxis, AASHTOWare Darwin 3.01, SHAFT, CTShoring, Shake, MSEW, GoldNail and Snail will provide ODOT and local agencies with state of art technological support. 	

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<p>Name & Title: Randy Reeve Senior Scientist</p>	<p>Experience on relevant projects:</p>
<p>Name of firm (only if sub):</p>	<p><i>OTIA III Bridge Bundle 401: Elk Creek to Hardscrabble Creek (ODOT)</i> Environmental manager for replacement of five bridges. Managed environmental permitting, stormwater/mitigation design, fish salvage, and environmental construction inspection/oversight.</p>
<p>Role on this project: Environmental</p>	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Facilitated permitting of a unique process that protected fish during construction, allowing work outside of the published in-water work window. As a result, four of five bridges were ready for in-water work within six months of notice to proceed. ▪ Completed work on schedule in spite of discovery of two archaeological sites. Negotiated a solution with resource agencies that minimized impacts while allowing work to proceed.
<p>Active registration in Oregon (Y/N): No Discipline: NA</p>	<p>Client Feedback The project received a 98% score from ODOT for environmental management.</p>
<p>Education: BS, Fisheries</p>	<p><i>OTIA III Bridge Bundle 508: Elk Head to Knowles (ODOT)</i> Environmental manager on \$40+ million design-build project, including five replacement bridges, one partial replacement/repair bridge, and one bridge repair. Bridge areas included impacts to wetland and aquatic resources as well as salmonid-bearing streams.</p>
<p>Years of experience in discipline/role proposed for this project: 31</p>	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Randy developed techniques that minimized impacts and accelerated the permitting schedule. ▪ For example, negotiations with agencies allowed removal of containment supports outside of in-water work window, advancing the Siuslaw Bridge ahead of schedule.
<p>Contributions to ODOT and Local Agencies:</p> <ul style="list-style-type: none"> ▪ <i>Experience negotiating with agencies</i> on pre-approved designs and permit variances will help address all environmental protections while still keeping projects on or ahead of schedule. ▪ <i>More than 20 years of experience working for ODFW (including 8 years as ODFW/ODOT liaison)</i> provides knowledge of interactions between state transportation and natural resource agencies which will result in creative, permit-ready design solutions. 	<p>Client Feedback The project received a 100% score from ODOT for environmental management.</p>
	<p><i>ODFW/ODOT Liaison</i> Instituted, developed, and managed the ODFW/ODOT liaison coordinator program while employed by ODFW. Coordinated with ODOT and other state and federal agencies on a range of projects from large multi-hundred million dollar projects to small highway construction and maintenance projects.</p>
	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Helped both agencies work together more efficiently to protect resources while keeping projects on schedule and within budget.
	<p>Client Feedback "Having the perspective of the natural resource agency, but understanding the maintenance and construction elements of ODOT, has changed and expanded understandings, perceptions, and implementation of agency missions at both agencies.... Your spirit, work ethic, and commitment to the goals of the partnership has made the interagency partnership between ODOT and ODFW a true success." ~Doug Tindall, ODOT Deputy Director</p>

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<p>Name & Title: Doug Gates, PE Senior Engineer</p>	<p>Experience on relevant projects:</p>
<p>Name of firm (only if sub):</p>	<p><i>Newberg Dundee Bypass (ODOT)</i> Senior engineer providing stormwater management designs for an 11-mile stretch of new highway.</p>
<p>Role on this project: Hydraulics/Stormwater</p>	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Developed a concept plan that complies with SLOPES IV, including flow control requirements. ▪ Addressing poorly draining soils, steep slopes, and sensitive fish-bearing waters using dozens of LIDs and BMPs, including bio-infiltration strips, swales, and ponds.
<p>Active registration in Oregon (Y/N): Y Discipline: Professional Engineer-Civil</p>	<p>Client Feedback “Doug is very conscientious and responsive to our requests. When we give him an assignment, he takes the lead and we know he’ll handle it. He’s also enjoyable and easy to work with. We are glad he is on our team!” ~Jerry Rosenblad, ODOT Senior Engineer</p>
<p>Education: BS, Civil Engineering</p>	<p>Years of experience in discipline/role proposed for this project: 18</p>
<p>Contributions to ODOT and Local Agencies:</p> <ul style="list-style-type: none"> ▪ <i>Experience working with and for public agencies (including employment with the City of Portland Bureau of Environmental Services and Clean Water Services)</i> provides knowledge of what regulatory agencies are looking for and results in plans and documentation that are readily approved. 	<p><i>Fishhawk Creek Bridge Project (Columbia County/ODOT LPA contract)</i> Prepared hydraulics and stormwater design/report for a local agency bridge project.</p> <p>Outcomes</p> <ul style="list-style-type: none"> ▪ Met ODOT expectations with no edits or corrections. <p>Client Feedback “I reviewed the Stormwater Drainage Report/Hydraulics Report for Fish hawk Road Bridge K16041 and the Advance Plans and Specs. I have no edits or corrections. These are nicely prepared documents.” ~Dan Gunther, PE, ODOT Hydraulics Engineer</p>
	<p><i>SW Capitol Highway Plan Refinement Project (City of Portland/ODOT LPA contract)</i> Led conceptual design of stormwater management systems, collaborating with the City of Portland. Presented proposed solutions, and authored the stormwater management technical memorandum.</p> <p>Outcomes</p> <ul style="list-style-type: none"> ▪ Designs maximize surface water quality treatment to help resolve stormwater issues, including flooding and water quality issues, while meeting the needs of the traveling public. <p>Client Feedback “I read the report [Stormwater Management Technical Memorandum]... and want to compliment your team on a very good presentation.” ~ Ross Swanson</p>
	<p><i>Hermo Road Stormwater Management (Columbia County/ODOT LPA contract)</i> Prepared a DEQ stormwater management plan. Designed stormwater treatment and conveyance.</p> <p>Outcomes</p> <ul style="list-style-type: none"> ▪ Exceeded DEQ expectations while meeting ODOT and local agency needs. <p>Client Feedback “We’re planning to use your submitted materials as a good example to others of what a complete stormwater management plan and design might entail.” ~Barbara Geren Cisneros, DEQ</p>

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<p>Name & Title: Leslie Finnigan, SR/WA Western Regional Manager</p>	<p>Experience on relevant projects:</p>
<p>Name of firm (only if sub): Universal Field Services</p>	<p><i>Portland-Milwaukie Light Rail (TriMet)</i> Provided complex right-of-way and relocation services for the new light rail line from Portland to Milwaukie. Services include oversight on the project, including assisting staff, reviewing completed files (quality control), and monitoring schedule and budget.</p>
<p>Role on this project: Right-of-Way</p>	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Project involves 250 acquisitions and over 100 complex relocations – several of the multi-million dollar property acquisitions and relocations have already been successfully completed.
<p>Active registration in Oregon (Y/N): Y Discipline: Principal Real Estate Broker</p>	<p>Client Feedback “UFS is our go to right-of-way services company. We have used many companies over the years and have found UFS to be the most thorough and capable of pulling through on either small projects or large ones. Our current project is very complex for acquisition and relocation. UFS has done a great job to getting issues solved, properties purchased and owners and tenants successfully relocated.” ~John Baker, former TriMet Property Acquisition Manager (retired 2012)</p>
<p>Education: 4 years, Western Oregon University</p>	<p><i>Warner Milne Road: Beavercreek Molalla Project (City of Oregon City/ODOT LPA contract)</i> Leslie and UFS had less than two months to acquire the temporary construction easements for this LPA project. No one thought that the right-of-way would be completed in time but it was done ahead of schedule.</p>
<p>Years of experience in discipline/role proposed for this project: 26</p>	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Received four temporary easement donations in less than two months, allowing the project to meet the certification date ahead of time.
<p>Contributions to ODOT and Local Agencies:</p> <ul style="list-style-type: none"> ▪ <i>Experience in all phases of the land acquisition and relocation process</i> provides Leslie with an in-depth knowledge of relevant regulations and an ability to successfully guide clients through potentially challenging situations. ▪ <i>As a former ODOT Right-of-Way Project Manager and Senior Agent</i>, Leslie provides an understanding of ODOT’s specific policies and procedures. ▪ <i>Local public agency experience</i> (project manager for Washington County Land Use and Transportation) provides an understanding of the challenges faced by local agencies. 	<p><i>I-5 Columbia River Crossing (CRC) (ODOT)</i> Provided early right-of-way involvement at public meetings, prepared cost estimates, and provided knowledge of the right of way process to the CRC. Continuing assistance into the next stages of the project.</p>
	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Early right-of-way involvement has set the stage for success moving forward into final design and construction.
	<p><i>Roseburg Airport Expansion Project (City of Roseburg)</i> UFS completed an acquisition and relocation project as part of Roseburg’s airport expansion. More than 120 mobile homes required relocation.</p>
	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ The project was scheduled for 5 years but UFS completed the entire project in less than 3 years.

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<p>Name & Title: Stacy Thomas Senior Project Manager</p>	<p>Experience on relevant projects:</p>
<p>Name of firm (only if sub): JLA Public Involvement</p>	<p><i>I-5 Woodburn Interchange and Transit Facility (ODOT)</i> Stacy is leading the public involvement and information campaign to reconstruct the interchange at I-5 and Oregon 219/214. She is working with stakeholders and interested parties to identify and minimize construction impacts, provide current information and opportunities to stay involved, and to provide input. JLA is managing the project website (WoodburnInterchange.com), and facilitated a community design aesthetics panel.</p>
<p>Role on this project: Public Involvement Lead</p>	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Identifying and minimizing construction impacts to the community. ▪ Produced a well-received project overview video, which is being used by local officials and businesses to inform the public about impacts and business access during construction.
<p>Active registration in Oregon (Y/N): N/A</p>	<p>Client Feedback</p> <p>“It’s very comforting to know that I have such competent, personable people working with me that can be counted on to do each task with a high degree of professionalism. When I asked for the video to be produced, I never had to think about whether your staff could produce it and do a great job. I also appreciate how JLA took a basic idea and expanded it into something broader and more informative than the original concept.” ~Alan Fox, ODOT Project Leader</p>
<p>Discipline: N/A</p>	<p><i>Oregon Passenger Rail Plan (ODOT Major Project Branch)</i> Stacy is managing a comprehensive public involvement and communications program for this 125-mile corridor planning effort, focused on selecting a passenger rail route between Portland and Eugene, as well as a variety of other system improvements. JLA is the prime contract manager on this project and manages several subconsultants.</p>
<p>Education:</p> <ul style="list-style-type: none"> ▪ JD (Law), University of San Diego ▪ BA, University of Oregon 	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Formed 50-member Corridor Forum, offering continuing facilitation. ▪ Hosted four rounds of open houses; designed an interactive online version of the open house. ▪ Produced project videos, and managing the project website (OregonPassengerRail.org).
<p>Years of experience in discipline/role proposed for this project: 10</p>	<p><i>I-5 Willamette River Bridge Replacement: Context Sensitive and Sustainable Solutions/Economic Development Reporting (Hamilton Construction)</i> For the largest bridge replacement in Oregon, Stacy is working on producing sustainability reports for ODOT using CS3 principles. She is publishing regular reports highlighting specific measurement tools, outcomes, and benefits to the surrounding community.</p>
<p>Contributions to ODOT and Local Agencies:</p> <ul style="list-style-type: none"> ▪ <i>A full spectrum of public engagement services</i> (e.g. media releases and website content) generate active interest in the project. ▪ <i>Experience crafting and implementing facilitation techniques and involvement exercises</i> results in meaningful collaboration. ▪ <i>Prior experience with the LPA contract</i> provides an understanding of how to successfully engage the community on projects that have significant ODOT and municipal involvement. 	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Providing indicators and measurement tools to increase awareness and acknowledge sustainable practices/solutions during construction, as well as specific actions to increase economic stimulus.

Key Staff Resumes - CA/CEI Services

Attached please find the following key staff resumes in support of Parametrix's proposal for CA/CEI Services:

Brian Bierwagen, PE, PMP - Project Manager/Oregon PE in responsible charge of services

Greg Stidham, PE - Project Manager

Vince Shevham, QCCS - Project Manager/Quality Control Compliance Specialist

Fred Cooper, PhD, PE - Quality Manager

Jim Phillips, PE - Construction Inspector

Tina Shevham - Construction Inspector

Ty Toller - Quality Control Compliance Specialist

Richard McNichols - Construction Inspector

KEY STAFF RESUMES

Consultant Name: Parametrix RFP #: 25134 [OR] Mini-Solicitation #: _____

Project Name: Full-Service A&E Price Agreements for ODOT and Local Agency Transportation Projects – CA-CEI

<p>Name & Title: Brian Bierwagen, PE, PMP Transportation Division Manager</p>	<p>Experience on relevant projects:</p>
<p>Name of firm (only if sub):</p>	<p><i>Columbia Blvd: US 30 – 1st St Paving (City of St. Helens/ODOT LPA contract)</i> Managed CA/CEI (after managing design) to overlay this urban street. Parametrix prepared QA documentation to ODOT/FHWA requirements while using City field inspector to save City budget.</p>
<p>Role on this project: Project (Contract) Manager Construction Project Manager</p>	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Led City staff to prepare QA documentation per ODOT and ARRA requirements. ▪ Work successfully completed under traffic, maintaining access to businesses and school.
<p>Active registration in Oregon (Y/N): Y Discipline: Professional Engineer-Civil</p>	<p>Client Feedback</p>
<p>Education: BS, Civil Engineering</p>	<p>The City gave Parametrix perfect 10s on the ODOT Local Agency Reference Form for design and CA/CEI.</p>
<p>Years of experience in discipline/role proposed for this project: 30</p>	<p><i>Canaan Road Safety Project (Columbia County/ODOT LPA contract)</i> Managed CA/CEI (after managing design) for safety improvements on this sharp rural roadway curve with multiple fatal accidents. Work included over excavation for roadway stabilization, extensive clearing and slope excavation, drainage and WQ, guardrail, and planting. Managed certified ODOT inspector/QCCS to deliver documentation conforming to FHWA and ODOT LAG Manual standards.</p>
<p>Contributions to ODOT and Local Agencies:</p> <ul style="list-style-type: none"> ▪ <i>Knowledge gained through a career focused on multi-disciplinary projects for state DOTs and local agencies</i> facilitates balanced project solutions that result in on-schedule, on-budget project delivery. ▪ <i>18 years of experience working on local agency projects in Oregon, 7 of which have been on the last two ODOT LPA contracts addressing LAG manual requirements.</i> This experience will result in a successful balance between ODOT and local agency needs. ▪ <i>Managed both design and construction delivering multidiscipline transportation projects for ODOT</i> results in an understanding on ODOT construction requirements and preparing the required construction QA documentation. 	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Provided extensive guidance to inexperienced contractor to submit ODOT documentation. ▪ Provided close coordination with adjacent property owners during construction.
	<p>Client Feedback</p> <p>The County gave Parametrix a score of 20/20 on the ODOT Local Agency Reference Form.</p>
	<p><i>Port Westward Road Improvements Phase 1B (Columbia County)</i> Managed CA/CEI (after managing design) to improve seven miles of roadway. Work included reconstructing an urban street and intersection, rural road widening and safety improvements, and deceleration lane construction on OR 30.</p>
	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Reconstructed street, sidewalk, and utilities while providing access to adjacent property owners. ▪ Extensive coordination with City of Clatskanie, Columbia County, ODOT, and property owners to construct both phases under traffic.
	<p>Client Feedback</p> <p>“There is always good alignment in Parametrix’s understanding of what the County needs. I appreciate that Brian understands what I am looking for, and what can be accomplished within limited budgets.” ~Dave Hill, Columbia County Director of Public Works</p>

KEY STAFF RESUMES

<p>Name & Title: Greg Stidham, PE Senior Engineer</p>	<p>Experience on relevant projects:</p>
<p>Name of firm (only if sub):</p>	<p><i>I-5/116th Interchange Widening and Culvert Replacements Phase 2 and 3 CM (The Tulalip Tribes)</i> Provided construction management for phases 2 and 3 of a multi-phase project, directly adjacent to I-5 and requiring coordination with WSDOT. Phase 2 involved a \$3.5 million federally-funded culvert replacement and widening of a major arterial. Phase 3 involved a \$2.5 million ARRA-funded culvert replacement and stream realignment project.</p>
<p>Role on this project: Construction Project Manager</p>	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Met a tight 92-calendar-day schedule.
<p>Active registration in Oregon (Y/N): N Discipline: Professional Engineer-Civil (WA)</p>	<p>Client Feedback</p> <p>“In my five years as a construction admin trainer and documentation reviewer, I have never seen a project run more smoothly.... I attended your weekly meetings so was in a position to see firsthand how your project stood out from the other forty projects I was working with during the same period.” ~Jodi DeLay, <i>Documentation Engineer, WSDOT Local Programs</i></p>
<p>Education: BS, Civil Engineering</p>	<p><i>Cape Flattery Scenic Byway Construction Management Services (Makah Tribe)</i> Served as project manager and construction manager for this \$10 million FHWA-funded design-build roadway and reconstruction project for approximately 9 miles of designated scenic byway within the Makah Indian Nation. Managed the design phase, then served as construction manager, responsible for cost/schedule control, field engineering, construction survey/staking, change order management, inspection, materials testing, and all FHWA documentation.</p>
<p>Years of experience in discipline/role proposed for this project: 29</p>	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Project received the national 2009 Project Achievement Award for projects under \$15 million from the Construction Management Association of America.
<p>Contributions to ODOT and Local Agencies:</p> <ul style="list-style-type: none"> ▪ <i>Experience managing construction of transportation projects, including during years of employment with a local agency,</i> provides an understanding of the needs and potential challenges faced by ODOT and local agencies. 	<p>Client Feedback</p> <p>“I appreciated the beauty of your new road to Cape Flattery.... It seems to fit into the landscape. I would like to extend my compliments to the Makah Tribe, Parametrix, and the Scarsella Brothers for a job well done.” ~Carrie Sunstrom, <i>Highways & Local Programs Division, State Scenic Byway Coordinator</i></p>
	<p><i>SR 99/Pacific Highway South HOV Lanes Phase IV (City of Federal Way, WA)</i> Served as the construction manager for the City of Federal Way on the final phase of this \$11 million federally funded, major arterial road-widening project. The project added HOV lanes in both directions of approximately 1 mile of Pacific Highway.</p>
	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Greg facilitated in conjunction with the City the extraordinary coordination and scheduling to accommodate the installation of extensive utility improvements along with the roadway improvements, all while keeping the road open.

KEY STAFF RESUMES

<p>Name & Title: Vince Shevham, QCCS Construction Manager</p>	<p>Experience on relevant projects:</p>
<p>Name of firm (only if sub):</p>	<p><i>Scappoose-Vernonia Road Milepost 8.0 (Columbia County/ODOT LPA contract)</i> Managed construction and served as the QCCS for this culvert replacement and roadway realignment with 1.5 miles of overlay. Managed all materials, submittals of materials, quality documentation, test summaries, mix design approvals, and project semifinal. He was on site during construction.</p>
<p>Role on this project: Construction Project Manager/ODOT Certified Quality Control Compliance Specialist (QCCS)</p>	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Met an aggressive emergency construction schedule by working with the contractor to troubleshoot mix design solutions and ensuring that asphalt was within specification.
<p>Active registration in Oregon (Y/N): Y</p> <p>Discipline:</p> <ul style="list-style-type: none"> ▪ ODOT Certified Bridge Inspector ▪ ODOT Certified General Inspector ▪ ODOT Certified Embankment Tech ▪ ODOT Certified Environmental Construction Inspector ▪ ACI Certified Asphalt Tech I & II ▪ ACI Certified Density Tech ▪ ACI Certified Aggregate Tech ▪ ACI Certified Concrete QCT 	<p>Client Feedback</p> <p>Vince was able to manage excavation quantities to have budget available that County was pleased to use on additional paving improvements.</p>
<p>Education: AAS, Engineering</p>	<p><i>Canaan Road Guardrail (Columbia County/ODOT LPA contract)</i> Vince was the QCCS on this project, which installed ~800 feet of guardrail around a curve to improve safety. Vince was in the field during all of construction and managed all materials, submittals of materials, quality documentation, test summaries, mix design approvals, and project semifinal.</p>
<p>Years of experience in discipline/role proposed for this project: 22</p>	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Extensive slope excavation, widening, and guardrail extensively improved sight distance and safety on this fatal curve.
<p>Contributions to ODOT and Local Agencies:</p> <ul style="list-style-type: none"> ▪ <i>Delivered projects for ODOT for 9 years,</i> including responsibility for quality as QCCS, providing an understanding of ODOT’s policies and procedures related to construction. 	<p>Client Feedback</p> <p>The County gave Parametrix a score of 20/20 on the ODOT Local Agency Reference Form.</p>
	<p><i>Kimberly/Monument Bridges (completed while employed by ODOT)</i> For three new permanent structures and one detour bridge, provided constructability review, review of plans and special provisions, and on-site management of construction project documentation in order to comply with federal highway funding requirements.</p>
	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Because two of the bridges provided the only route into a community, Vince and his crew were required to meet a 20-day work window for demolishing and rebuilding the structures. They not only met the deadline, but were able to complete work in only 12 days.
	<p><i>North Ontario Interchange (completed while employed by ODOT)</i> Project included construction of exit and entrance ramps, an overpass structure over I-84, and a bridge over the Malheur River. Work also included construction staging and traffic control, and stormwater management facilities. Provided constructability review during planning, reviewed plans and special provisions for errors, and on-site management of construction project documentation in compliance with federal highway funding requirements.</p>
	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Successfully completed construction of an interchange.

KEY STAFF RESUMES

Name & Title: Fred Cooper, PhD, PE Principal Engineer	Experience on relevant projects:
Name of firm (only if sub): Cooper Zietz Engineers, Inc.	<i>Hwy 38 Bridge Replacement: Elk Creek to Hardscrabble (ODOT)</i> Design quality control manager responsible for providing independent quality control and review of design activities for the award-winning project to replace five bridges. Two of the bridges were replaced by rapid replacement method, where the new bridge was constructed alongside the old bridge, then moved into place in one shift. Also helped develop the design-build team's Quality Control Plan and ensured all quality documentation per ODOT procedures.
Role on this project: ODOT Certified Quality Control Manager	Outcomes
Active registration in Oregon (Y/N): Y Discipline: Professional Engineer-Civil	<ul style="list-style-type: none"> ▪ Successful replacement of five bridges, resulting in several project awards.
Education:	<i>I- 5/ Clarks Branch to Tunnel Mill Race Segment (ODOT)</i>
<ul style="list-style-type: none"> ▪ PhD, Civil Engineering ▪ MS, Civil Engineering ▪ BS, Civil Engineering 	Project quality manager responsible for preparation of a Project Quality Plan for design and construction. Also oversaw both design and construction QC managers, QC inspectors, and QC testing program.
Years of experience in discipline/role proposed for this project: 38	Outcomes
Contributions to ODOT and Local Agencies:	<ul style="list-style-type: none"> ▪ Successful completion of a \$41 million project, replacing 12 freeway bridge structures.
<ul style="list-style-type: none"> ▪ <i>Experience in quality management of design/construction programs</i> for major highways, bridges, light rail transit, water and wastewater treatment facilities, other public infrastructure and military facilities. ▪ <i>Provides project quality plan development,</i> serving in roles of Project Quality Manager, Design Quality Control Manager, Construction Quality Control Manager, Quality Assurance Manager and Quality Auditor. ▪ <i>Extensive experience</i> in public bid document development, bidding assistance, design and constructability review, construction certification, and expert witness services. ▪ <i>Familiarity with a variety of disciplines and techniques,</i> including large cable stay bridges, concrete through arch and precast concrete bridges, interstate and state roadway projects, hydraulic and geotechnical investigations, storm/surface water management, and addressing environmental impacts/mitigation. 	<i>I-5/Sutherlin to Roseburg Section (ODOT)</i> Project quality manager for the design of ten replacement bridges along I-5 and ten miles of NB and SB interstate maintenance paving. Responsible for developing the Project Quality Plan, documenting QA/QC activities, participating in QA audits and quality reporting for both design and construction activities and directing construction engineering inspection and QC testing.
	Outcomes
	<ul style="list-style-type: none"> ▪ Successfully managed QA/QC for ten I-5 replacement bridges.
	<i>I-5/Willamette River Bridge (ODOT)</i> Design quality manager for a bridge replacement involving north and southbound built-in-place concrete structures.
	Outcomes
	<ul style="list-style-type: none"> ▪ Successful completion of design for a \$204 million landmark bridge

KEY STAFF RESUMES

<p>Name & Title: Jim Phillips, PE</p>	<p>Experience on relevant projects:</p>
<p>Name of firm (only if sub):</p>	<p><i>Columbia Blvd: US 30 – 1st St Paving (City of St. Helens/ODOT LPA contract)</i></p>
<p>Role on this project: Construction Inspector</p>	<p>Jim led the construction inspection and preparation of the quality documentation on this City of St. Helens, Oregon ARRA street improvement project. Jim educated a City inspector in preparing the daily reports, materials certifications, and quality documentation. Jim visited the site and worked with the ODOT RAS to finalize the QA documentation and closeout the project.</p>
<p>Active registration in Oregon (Y/N): Y</p> <p>Discipline:</p> <ul style="list-style-type: none"> ▪ Professional Engineer-Civil ▪ ODOT Certified General Inspector (CGI) ▪ ODOT Certified Hot Mixed Asphalt Concrete Inspector (HMAC) ▪ ODOT Certified Transport Estimator User 	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Guided an inexperienced City inspector through construction documentation per ODOT LAG requirements; maintained access to businesses and adjacent school on this main city street. <p>Client Feedback</p> <p>City staff gave Parametrix perfect 10s on the ODOT Local Agency Reference Form.</p>
<p>Education: BS, Civil Engineering</p>	<p><i>Canaan Road Guardrail Project (Columbia County/ODOT LPA contract)</i></p>
<p>Years of experience in discipline/role proposed for this project: 15</p>	<p>Jim worked closely with field staff to prepare the quality assurance, labor, and contractor payment documentation for this project that included roadway widening, excavation, and construction of approximately 800 feet of guardrail.</p>
<p>Contributions to ODOT and Local Agencies:</p> <ul style="list-style-type: none"> ▪ <i>Prior experience with local agency projects</i>, from Initial project prospectus through final construction acceptance provides a successful project delivery process from cradle to grave. ▪ <i>Willingness to listen to the Local Agency and their project needs</i> results in a design that balances their needs with a successful solution. 	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Received final approval from ODOT Regional Assurance Specialist for quality documentation. <p>Client Feedback</p> <p>The County gave Parametrix a score of 20/20 on the ODOT Local Agency Reference Form.</p>
	<p><i>Apiary Road: MP 14-MP 19 Pavement Resurfacing (Columbia County/ODOT LPA contract)</i></p>
	<p>Jim was the lead field inspector and prepared quality, labor, and contractor payment documentation for this ARRA pavement preservation project. Work required identifying pavement stabilization areas and overlay areas to stay within the available budget.</p>
	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Successfully managed and adjusted repair and paving limits in the field to deliver the project within the approved budget limits; prepared and received final approval from ODOT Regional Assurance Specialist for quality documentation.
	<p><i>Port Westward Road Improvements Phase 1B (Columbia County)</i></p>
	<p>Jim was the lead inspector for seven miles of roadway. Work included reconstructing an urban street and intersection, rural road widening and safety improvements, and a deceleration.</p>
	<p>Outcomes</p> <ul style="list-style-type: none"> ▪ Reconstructed street, sidewalk, and utilities while providing access to adjacent property owners. ▪ Extensive coordination with City of Clatskanie, Columbia County, ODOT, and property owners to construct both phases under traffic.

KEY STAFF RESUMES

Name & Title: Tina Shevham	<p>Experience on relevant projects:</p> <p><i>Kimberly/Monument: Three Bridge Replacements (completed while employed by ODOT)</i> Served as the lead construction engineer (CES I) for this project that featured multiple bridge structures, asphalt paving, a stormwater treatment facility, and sidewalks and curbs. Responsible for project documentation (FHWA, ODOT), quality, quantity, environmental compliance, and closeout.</p> <p>Outcomes</p> <ul style="list-style-type: none"> ▪ Successful construction of three bridge replacements, as well as completion of required federal and state documentation. <p><i>Hwy 20/26 – Cairo Junction (completed while employed by ODOT)</i> Served as lead construction engineer (ES-3) for this HMAC paving project, including permanent signs, sidewalks, curbs, and adjusting manholes.</p> <p>Outcomes</p> <ul style="list-style-type: none"> ▪ Successfully completed all project documentation (FHWA, ODOT) quality, quantity and environmental compliance. <p><i>Baker City Campbell Street Rehabilitation (completed while employed by ODOT)</i> As lead construction engineer (CES I) for this historical preservation project, completed all project documentation (FHWA, ODOT) and provided quality, quantity, environmental compliance, and project closeout. Project involved asphalt paving, sidewalk, curbs and gutters, stormwater containment, City potable water and utilities, and very complex traffic control.</p> <p>Outcomes</p> <ul style="list-style-type: none"> ▪ Successful construction of street rehabilitation project, as well as completion of required federal and state documentation. <p><i>Southwest 4th Avenue Railroad Overpass (completed while employed by ODOT)</i> Served as construction engineer (CES I) for this project that featured asphalt paving, structures, a stormwater treatment facility, and sidewalks and curbs. Responsible for all project documentation (FHWA, ODOT), quality, quantity, environmental compliance, and project closeout.</p> <p>Outcomes</p> <ul style="list-style-type: none"> ▪ Successful construction of a railroad overpass, as well as completion of required federal and state documentation.
Name of firm (only if sub):	
Role on this project: Construction Inspector	
Active registration in Oregon (Y/N): Y	
<p>Discipline:</p> <ul style="list-style-type: none"> ▪ Certified General Inspector, OR ▪ Certified Bridge Inspector, OR ▪ Certified Drilled Shaft Inspector, ▪ Certified Environmental Inspector 	
Education: N/A	
Years of experience in discipline/role proposed for this project: 14	
<p>Contributions to ODOT and Local Agencies:</p> <ul style="list-style-type: none"> ▪ <i>Experience as lead inspector and construction manager for numerous ODOT/local agency projects</i> provides a diverse knowledge of engineering principles and practices, along with an understanding of relevant professional standards and legal requirements. ▪ <i>Prior employment with ODOT as a construction inspector</i> provides knowledge of how to construct and prepare the documentation for ODOT and FHWA federally-funded projects. 	

KEY STAFF RESUMES

Name & Title: Ty Toller	Experience on relevant projects:
Name of firm (only if sub): Carlson Testing	<i>Apiary Rd. MP 14 to MP 19 in Columbia County</i>
Role on this project: QCCS	Outcomes
Active registration in Oregon (Y/N): N	<ul style="list-style-type: none"> ▪ Project completed on timeline and within budget
Discipline: N/A	<i>Barber St: Boones Ferry Rd – Boberg Rd</i>
Education: N/A	Outcomes
Years of experience in discipline/role proposed for this project: 15	<ul style="list-style-type: none"> ▪ Project completed on time and within budget
Contributions to ODOT and Local Agencies: <ul style="list-style-type: none"> ▪ <i>Acted as a QCCS</i> for 4 projects over the past two years. ▪ <i>Provides all 9 of the technician certifications that ODOT currently offers</i> (Certification # 41010): CAgT, CEBT, CDT, CMDT, CAT 1, CAT 2, QCT, CCT, CSTT 	<i>OR 219: Midway – McFee Creek</i> OR 219: Midway – McFee Creek
	Outcomes
	<ul style="list-style-type: none"> ▪ Project completed on time and within budget
	<i>Tillamook 3rd Street Enhancement</i>
	Outcomes
	<ul style="list-style-type: none"> ▪ Project still under construction

Name & Title: Richard McNichols Technician	Experience on relevant projects:
Name of firm (only if sub): Cooper Zietz Engineers, Inc.	<i>Elk Creek to Hardscrabble Creek, Bundle 401 (ODOT)</i>
Role on this project: Construction Inspector	Provided construction services for Hardscrabble Creek and four other bridge replacements on OR38 and upgrades to the OR38/OR138 intersection.
Active registration in Oregon (Y/N): Y	Outcomes
Discipline: <ul style="list-style-type: none"> ▪ Certified General Construction Inspector ▪ Bridge Construction Inspector ▪ Drilled Shaft Inspector 	<ul style="list-style-type: none"> ▪ Award-winning completion of five bridge replacements.
Education: <ul style="list-style-type: none"> ▪ AAS, Civil Engineering 	<i>Willamette River Cable-Stay Transit Bridge (TriMet)</i>
Years of experience in discipline/role proposed for this project: 22	Providing construction services for Portland’s new Willamette River Transit Bridge, the first new bridge across the Portland stretch of the Willamette since the 1970s.
Contributions to ODOT and Local Agencies: <ul style="list-style-type: none"> ▪ Construction and environmental investigation/remediation experience. ▪ Experienced both as an office engineer and as solo site inspector. 	<i>Elk Head to Knowles Bridge Replacements, Bundle 508 (ODOT)</i>
	Provided construction services for the Elkhead, Curtis Creek, Bear Creek, Oakhill, Siuslaw River, Knowles Creek, and Wildcat Bridge replacements near Elkton, Oregon.
	<i>I-5: Sutherlin to Roseburg Section (ODOT)</i>
	Provided construction services for replacement of nine bridges and 10 miles of interstate paving, as well as improvements to N. Roseburg intersection.