



# Statement of Qualifications for:

## Civil Engineering Services



Submitted By:



**WAELTZ & PRETE, INC.**  
**CIVIL ENGINEERS**

3000 JOE DIMAGGIO BLVD. #72  
ROUND ROCK, TX. 78665  
PH (512) 505-8953  
FIRM REG. #F-10308





## FIRM INFORMATION



### WAELTZ & PRETE, INC.

Civil Engineers  
3000 Joe DiMaggio Blvd. #72  
Round Rock, TX 78665  
512.505.8953

In May of 2008, Bill Waeltz and Tony Prete formed the firm of Waeltz & Prete, Inc. – Civil Engineers, located at 3000 Joe DiMaggio Blvd., #72 in Round Rock, Texas

Though a new firm, Waeltz & Prete, brings a total combined 49 years of experience in engineering and project management, the last 35 years in the central Texas area. Project experience includes water and wastewater improvements, roadway and street reconstruction, municipal and county roadway and infrastructure improvements, municipal parks and trail systems, commercial and residential development, drainage improvements, hydrology and hydraulics analysis, project management and construction administration services.

Waeltz & Prete is in the unique position to offer our clients *Principal* level experience and involvement throughout the entire project. Personal attention is given to client relationships, project management, day to day operations, and design. Both Principals have completed an extensive amount of work in the City of Round Rock & Williamson County area and

pride themselves on their reputations. To that end, Waeltz & Prete is committed to serve their clients in this professional manner.

Both Principals are licensed Engineers in the State of Texas. Additionally, Mr. Prete is a Certified Flood Plain Manager & Certified Professional in Erosion & Sedimentation Controls. Waeltz & Prete are involved in civic and professional organizations. The firm is a member of both the Greater Austin Contractors & Engineers Association (ACEA) and the City of Round Rock's Chamber of Commerce.

Mr. Waeltz has contributed to the City of Round Rock by serving as the Chairman of Policy Issues Sub-Committee for the Development Review Committee for the Round Rock Chamber of Commerce. Additionally, he has served as the Director of Habitat for Humanity of Williamson County. Mr. Waeltz is a member of the National Society of Professional Engineers.

Mr. Prete's civic contributions include serving as a member of the Board of Adjustments and the Planning & Zoning Commission in the City of Elgin. Mr. Prete is a member of the American Society of Civil Engineers (ASCE) and the Texas Flood Plain Management Association.





## TECHNICAL EXPERTISE

Waeltz & Prete, Inc. has compiled an extremely qualified and experienced team of professionals to meet and exceed the needs of their clients. The following is a summary of the Firm's technical expertise and qualifications:

### Project Management:

Waeltz & Prete is knowledgeable and experienced in managing construction projects from inception through construction. Our experience in the project management role includes the scoping of projects, contract negotiations, scheduling, and managing sub consultants. Additionally, as Project Managers, we have routinely prepared project construction budgets, production schedules, prepared permit applications and overseen the assembly of plans from sub consultants for the permit approval process. On past projects we have been the lead to secure permits from a wide variety of jurisdictions. Permits such as; construction permits for public and commercial improvements from local municipalities, utility and driveway permits for construction within State right-of-ways, construction permits within the Union Pacific Railroad right-of-way, approvals as related to floodplains from local Floodplain Administrators, approvals from the Texas Commission on Environmental Quality (TCEQ) for Water Pollution Abatement Plans, Sewerage Collections System Plans, and Storm Water Prevention Pollution Plans.

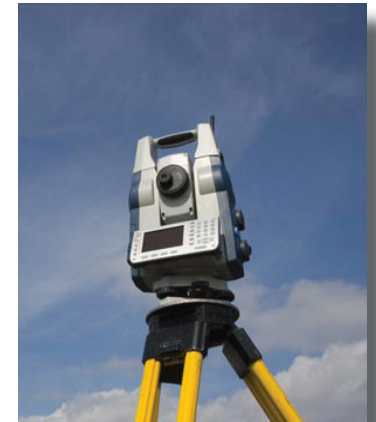
### Public Involvement:

Waeltz & Prete has experience with public input and involvement. Our experience includes the preparation of exhibits for public meetings, meeting with citizens one-on-one, answering their questions, addressing their concerns, and acting as the liaison between the client and the public. We have the ability to coordinate, assist, and actively administer public input meetings.

### Water and Wastewater Utility Design:

Waeltz & Prete have a considerable amount of experience in the design of water and wastewater systems. We are extensively knowledgeable with applicable design standards such as the City of Austin's Design and Construction Standards-Utility Criteria Manual, Texas Administrative Code | Title 30 | Part 1 | Chapter 290 (Public Drinking Water) & Chapter 217 (Design Criteria for Sewerage Systems).

Typical services that we have performed are the engineering analysis for water and wastewater distribution and collection systems. These types of analysis include utility line sizing and capacity analysis. Other services that we routinely provide are the planning of route alignments & configurations for water and wastewater lines. Our design expertise includes calculations for joint restraints and thrust blocking; placement of manholes, valves, and fire hydrants; selection of pipe materials; sizing of air/





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vacuum release valves, water meters, backflow preventers, pressure reducing valves; specifying precast concrete structures, remote transmitting units (RTU), concrete retards, boring and jacking, and lastly small lift station designs.

### **Drainage & Water Quality Design:**

Waeltz and Prete have an overwhelming amount of experience in storm water management. Our experience includes the analysis and design of channels, floodplains, storm sewer systems, detention ponds, & water quality facilities.

We use the state of the art computer modeling systems to aid in our drainage designs. The software packages that we typically use in our drainage analysis are: Army Corps of Engineer's HEC-HMS & HEC-RAS; Boss International's-Storm Net; Haestad Methods - Flow Master, Culvert Master, & Storm Cad.

Our engineering analysis and design expertise include the design and calculations for the planning of route alignments & configurations for storm sewer lines, storm sewer line sizing and capacity analysis, storm inlet capacity analysis, watershed analysis for detention ponds and outlet structure sizing, water quality designs for wet pond, sand filter ponds, bio-swales, and vegetative filter stripes.



### **Grading Design:**

Waeltz and Prete have an extensive amount of grading experience. We have prepared grading plans for a multitude of projects. Examples of these projects are site plans with parking lots, park projects, and roads.

Our grading plans account for the requirements of the American Disabilities Act (ADA) & the Texas Department of Licensing and Regulations (TDLR), when required.

### **Miscellaneous Services:**

Additional design/engineering work that is ancillary to the engineering design that we are qualified to perform are traffic control plans, development of Sewerage Collection System plans (SCS) and Water Pollution Abatement Plans (WPAP), preparation of erosion and sedimentation control plans and Storm Water Pollution Prevention Plans (SWPPP).

### **Contract and Construction Management:**

Waeltz & Prete have an extensive amount of experience with Contract and Construction Management. We are well versed in the preparation of contract documents and specifications for the bidding process. Routine services that we provide are the



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posting of public notices to the bidders, administer the pre-bid meetings, monitor the bid opening, check contractor references, prepare bid tabulations, and make recommendations for awarding the project. During the construction process, we provide services to perform reviews of submittals and pay applications, administer progress meetings, prepare punch lists, determine substantial completion of the project, and oversee the preparation of "As-Built" plans.

*Waeltz & Prete has the **Technical Expertise** & the resources to successfully complete the project in a timely manner*





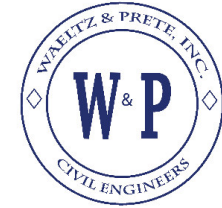


## TECHNICAL EXPERTISE

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**A. William Waeltz, P.E.,**  
**President – Waeltz & Prete, Inc. –**  
**Civil Engineers**

<b><u>Registration:</u></b>	Professional Engineer (Texas #68220) - 1990 Registered Professional Land Surveyor (IL #035-002489) - 1979 (In Active) Registered Professional Land Surveyor (OH #6707) – 1980 (In Active)
<b><u>Education:</u></b>	Rankin Technical College, St. Louis, MO, “Architectural Design Drafting and Structural Technology”, Graduated 1973 Recognized as “A Top 100 Graduate” by the Rankin Technical College in 2007
<b><u>Continuing Education:</u></b>	Construction Law Conference, The University of Texas School of Law, 2004 Central Texas Infrastructure Design & Construction Symposium, 2005 Waters of the US and Associated Environmental Regulations, Regulatory Update, 2007 TCEQ Edwards Aquifer Rules, 2007 Plat and Subdivision Law, Lorman Education Services, 2007 Served as Chairman of the Policy Issue Sub-committee to review the “Development Review Process” for the City of Round Rock.
<b><u>Current Assignment:</u></b>	President of Waeltz & Prete, Inc. and Registered Professional Engineer in Round Rock Texas
<b><u>Current Experience:</u></b>	Projects typically include the planning, design, and construction supervision of various types of civil works projects such as streets and highways, bridges, water and wastewater line extensions, site development, and environmental studies.
<b><u>Past Experience:</u></b>	Beginning in 1970 as a Survey Technician, Mr. Waeltz’s experience has included boundary surveys, construction layout, construction inspection as well as design of numerous water, wastewater and street improvement projects. Since 1984, his particular field of expertise has been the design and project management of street and highway construction projects, site development projects, and utility line construction projects. More recently Mr. Waeltz served as the Branch Manager for the consulting engineering/surveying firm of Baker-Aicklen & Associates, Inc. in Round Rock, Texas from 1993-2008.



## TECHNICAL EXPERTISE

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### **Antonio A. Prete, P.E., CFM, CPESC**

**Vice-President – Waeltz & Prete, Inc.  
Round Rock, Texas**

#### **Registration:**

Professional Engineer (Texas #93759) - 2004  
Professional Engineer (Oklahoma #24786) - 2010  
Certified Floodplain Manager (CFM) - Certification No. 0965-06N  
Certified Professional in Erosion and Sedimentation Control (CPESC) - Certification No. 5379

#### **Education:**

Bachelor of Science Civil Engineering, University of Texas at Austin - 1999

#### **Continuing Education:**

HEC-RAS, University of Texas Center for Life Long Engineering Education, 1999  
HEC-RAS, Unsteady Flow (Advanced Features), University of Texas, 2001  
HEC-HMS, floodplain hydrology systems, Haestad Methods, 2002  
Storm Water Management: Permitting & Regulatory Overview Training course conducted at Texas A & M University, Bryan, Texas, 2003  
FEMA Approval Process, Haestad Methods, 2003  
404 Permit Training, US Army Corps of Engineers, 2005  
Certified Floodplain Managers Course, FEMA/TFMA, 2006  
Certified Professional in Erosion & Sedimentation Control (CPESC), Training Course, 2009

#### **Current Assignment:**

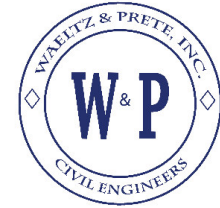
Vice-President of Waeltz & Prete, Inc. and Registered Professional Engineer in Round Rock Texas.

#### **Experience:**

Design and construction plan preparation for civil works projects such as site developments, streets/roads, drainage facilities, water and wastewater distribution/collection systems, and water detention / quality controls. In addition, duties include hydrology, hydraulic, and water modeling with HEC-HMS, HEC-RAS & WaterCad, respectively. Preparation of feasibility reports, technical reports, proposals, man hour estimates, project budgets, schedules, and construction cost estimates.

#### **Affiliations:**

Boardmember Planning & Zoning Commission, Elgin, Tx  
Texas Floodplain Management Association (TFMA)  
American Society of Professional Engineers (ASCE)



## TECHNICAL EXPERTISE

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**David A. Schuler**  
Sr. Cad Technician – Waeltz & Prete, Inc.  
Round Rock, Texas

**Education:** Austin Community College - Surveying/Engineering, 1998-2001  
Central Texas College - Associate of Applied Science, 1994-1996  
Texas State Technical College - Drafting and Design, Photography 1988-1989

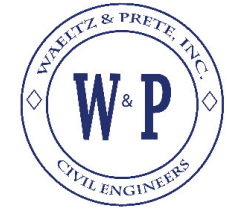
**Continuing Education:** Selection Criteria Software for Cost Effective Erosion & Sedimentation Control, Profile Products, 2009  
Technical Advances to Control Erosion & Reduce Sediment, Profile Products, 2009  
Thrust Restraint Design for Ductile Iron Pipe, Dipra, 2009  
Autodesk Civil 3D Advanced Training, DC CADD, 2007  
Autodesk Civil 3D Essentials Training, DC CADD, 2006

**Current Assignment:** Senior Cad Technician - Waeltz & Prete, Inc.

**Experience:** Over the last twelve years, Mr. Schuler worked with several civil engineering firms in the Central Texas area acquiring the following skills: Water, wastewater & storm sewer layout and design; all aspects of site development design and permitting; roadway design; field surveying, survey data reduction and deed research; software training; and water system research

**Affiliations:** Autodesk User Group International (AUGI)





## REFERENCES

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