

## **PROCURING THE SERVICES OF A PROFESSIONAL ENGINEER**

One of the most important procedures for ensuring proper maintenance of the dam is procuring the services of a professional engineer. This document is designed to answer the most commonly asked questions about hiring an engineer and to provide a list of engineers who have requested to be placed on a list.

### **Why do I need an engineer?**

All dams will deteriorate with time. Periodic inspection, proper maintenance, and occasional repair and rehabilitation are inevitable. In addition, downstream development may have resulted in a change in the hazard classification and a need to upgrade the dam. An owner needs the expertise of an engineer to perform inspections or evaluate and undertake corrective measures at a dam.

An engineer can investigate the problem and recommend a course of action which may include the design of corrective measures and the preparation of construction plans and specifications, hydrologic and hydraulic analysis, breach analysis, and inundation mapping for emergency action plans. The engineer also can assist in selecting a contractor and can provide valuable construction inspection services.

Finally, §299.4 of 30 Texas Administrative Code Chapter 299, the Dam Safety Program rules, requires use of an engineer.

### **What type of engineer should I hire?**

It is essential to select someone with a Texas Professional Engineer license, who is competent in the field of dam safety. Important criteria to look for in a prospective engineer include the following:

- A professional engineer licensed in Texas;
- A knowledge of the Texas Dam Safety rules and regulations (30 Texas Administrative Code Chapter 299);
- Specific experience in the problem area; e.g., hydrology, hydraulics, structural, or geotechnical engineering; and
- An engineering company with an active Texas Board of Professional Engineers Firm Registration number. Check the [PE Board](#)<sup>1</sup> web site for verification.

### **How do I choose an engineer who is best for my needs?**

The best way to select an engineer is through a qualification-based approach, which is the approach public entities must use based on rules of the Texas Board of Professional Engineers. This means that the knowledge, experience, and ingenuity of the engineer are the determining factors in making the selection. This strategy is advantageous when the owner is uncertain about the exact problem or the best solution to the problem.

When basing your selection on qualifications, several engineering firms submit their technical qualifications, experience with similar projects, reputation with existing clients, and other factors pertaining to the specific project. The owner then selects the most qualified firms to make brief presentations outlining a cost-effective and innovative approach to the problem. Based upon these presentations, the owner selects the most qualified engineer to develop a scope of work.

When agreement on the scope of work is achieved, the engineer and the owner negotiate a price that is fair and reasonable to both parties. If an agreement cannot be reached, negotiations start with the second ranked engineer. In this selection process, price is the main factor, but only after the most qualified engineer has been identified.

A private owner can also use a fee-based selection process, meaning that the engineer's fee is the only determining factor in making the selection. This process is advantageous when the owner knows exactly what is needed and can clearly define the scope of work before meeting with the engineer. However, the owner may not get the best option for the project and may select an engineer that is not qualified to do the work.

## **What does an owner need to do?**

An owner needs to:

- Request references from the engineer.
- Contact the references to discuss the engineer's performance.
- If possible, look at other projects completed under the engineer's design.
- Maintain an open line of communication with the Texas Dam Safety Program to verify that the rules will be met with the proposed work.
- Become knowledgeable in the basics of dam safety and the applicable rules.
- Carefully consider the selection of an engineer. A little extra work to ensure retaining the right engineer may save money in the future.
- Request options, if possible, for addressing the problem at the dam.

[TCEQ Dam Safety Program Web Site<sup>2</sup>](#)

## **Dam Engineers that have requested to be listed**

The following is an alphabetical list of engineers that have requested to be placed on the list. The TCEQ does not **pre-certify, recommend, or endorse** any of the following engineers. An owner is not obligated to hire an engineer on this list. Any licensed Texas professional engineer experienced and familiar with dam construction and design and TCEQ rules can be used.

The following list is in alphabetical order by engineering firm:

Adams Consulting Engineers, Inc., Tyler office  
Dam Safety contact: David C. Riddle, Ph.D., P. E.  
903/324-8400     [david.riddle@adamsengineering.com](mailto:david.riddle@adamsengineering.com)

AECOM, Austin office  
Dam Safety Contact: Jeff Irvin, P.E.  
512/419-6523     [jeff.irvin@aecom.com](mailto:jeff.irvin@aecom.com)

AECOM, Dallas office  
Dam Safety contact: Chula Ellepola, P. E.  
214/741-0505     [chula.ellepola@aecom.com](mailto:chula.ellepola@aecom.com)

Allen Engineering and Science, Jackson, Mississippi office  
Dam Safety contact: John Bourgeois, P. E.  
601/936-4440 ext 305     [jbourgeois@allenes.com](mailto:jbourgeois@allenes.com)

Amec Foster Wheeler, Dallas office  
Dam Safety contact: Hector Gonzalez, P. E.  
469/828-4160     [hector.gonzalez2@amecfw.com](mailto:hector.gonzalez2@amecfw.com)

Amec Foster Wheeler, Topeka, Kansas office  
Dam Safety contact: Larry Sample, P. E.  
785/272-6830     [larry.sample@amec.com](mailto:larry.sample@amec.com)

Arcadis, Houston office  
Dam Safety contact: Paulo Monteiro dos Santos, P. E.  
713/953-4800     [paulo.monteirodosantos@arcadis.com](mailto:paulo.monteirodosantos@arcadis.com)

ATC Group Services, LLC, Alabaster, Alabama office  
Dam Safety contact: Fred R. deLeon, Jr, P. E.  
205/733-8775     [fred.deleon@atcgs.com](mailto:fred.deleon@atcgs.com)

Baird, Hampton & Brown, Inc., Grapevine office  
Dam Safety Contact: Konstantine Bakintas, P. E.  
817/251-8550 ext 301     [kb@BHBinc.com](mailto:kb@BHBinc.com)

Baird, Hampton & Brown, Inc., Fort Worth office  
Dam Safety contact: Trace Strevey, P. E.  
817/338-1277     [tstrevey@BHBInc.com](mailto:tstrevey@BHBInc.com)

Baird, Hampton & Brown, Inc., Weatherford office  
Dam Safety contact: Shannon L. Nave, P. E., CFM  
817/596-7575     [Shannon@BHBInc.com](mailto:Shannon@BHBInc.com)

BGE, Inc., Dallas office  
Dam Safety contact: Dorian French, P. E., RPLS, D.WRE  
469/621-3111 [dfrench@bgeinc.com](mailto:dfrench@bgeinc.com)

Black & Veatch, Austin office  
Dam Safety contact: Emily Schwartz, P. E.  
512/351-4910 [SchwartzE@BV.com](mailto:SchwartzE@BV.com)

Black & Veatch, Dallas office  
Dam Safety contact: Ray Brainard, P. G.  
913/458-3078 [BrainardRC@bv.com](mailto:BrainardRC@bv.com)

Black & Veatch, Houston office  
Dam Safety contact: Chris Mueller, P. E.  
713/458-3236 [MuellerCG@bv.com](mailto:MuellerCG@bv.com)

Bleyl Engineering, Conroe office  
Dam Safety contact: Michael Sullivan, P. E.  
936/441-7833 [msullivan@bleylengineering.com](mailto:msullivan@bleylengineering.com)

Bridgefamer & Associates, Inc., Dallas office  
Dam Safety contact: Tzu-Jui (Megan) Tang, P. E.  
972/231-8800 [tang@bridgefarmer.com](mailto:tang@bridgefarmer.com)

Bullock, Bennett & Associates, Bertram office  
Dam Safety contact: Dan Bullock, P. E.  
512/355-9198 [dbullock@bbaengineering.com](mailto:dbullock@bbaengineering.com)

Capco Engineering, Inc., Tyler office  
Dam Safety contact: Gary L. Burton, III, P. E.  
903/561-6984 [garyb@capco-engineering.com](mailto:garyb@capco-engineering.com)

CDM Smith, Inc., Dallas office  
Dam Safety contact: Jeff Van Pelt, P. E.  
214/346-2856 [vanpeltjd@cdmsmith.com](mailto:vanpeltjd@cdmsmith.com)

CivilTech Engineering, Inc., Cypress office  
Dam Safety contact: Melvin G. Spinks, P. E.  
281/304-0200 [mbspinks@civiltecheng.com](mailto:mbspinks@civiltecheng.com)

CP&Y, Inc., Austin office  
Dam Safety contact: Wesley Young, P. E., CFM  
512/349-0700 [wyoung@cpyi.com](mailto:wyoung@cpyi.com)

CP&Y, Inc., Longview office  
Dam Safety contact: Walter (Terry) Winn, Jr., P. E.  
903/553-0500     [twinn@cpyi.com](mailto:twinn@cpyi.com)

Crespo Consulting Services, Inc., Austin office  
Dam Safety contact: L. Stephen Stecher, P. E.  
512/343-6404     [sstecher@crespoinc.com](mailto:sstecher@crespoinc.com)

Dam Assessment Services, LLC, Austin office  
Dam Safety contact: Debra Rankin, P. E.  
512/496-5453     [debrasrankin@gmail.com](mailto:debrasrankin@gmail.com)

David Harris Engineering and Assistance, LLC, Elizabeth, Co. office  
Dam Safety contact: David Harris, Ph.D., P. E.  
303/748-9163     [davidwharris@concast.net](mailto:davidwharris@concast.net)

Dewberry, Denton/DFW office  
Dam Safety contact: Jake Lesue, P. E., CFM  
940/735-3345     [jlesue@dewberry.com](mailto:jlesue@dewberry.com)

Dunaway Associates, Austin office  
Dam Safety contact: Richard Frithiof, P. E., CFM  
512/717-6311     [rfrithiof@dunawayassociates.com](mailto:rfrithiof@dunawayassociates.com)

EngiCon Environmental, LLC, Houston office  
Dam Safety contact: Emile Hanna, P. E.  
281/910-9889     [ehanna@engiconenvironmental.com](mailto:ehanna@engiconenvironmental.com)

Enprotec/Hibbs & Todd, Abilene office  
Dam Safety contact: Scott Hibbs, P. E.  
325/698-5560     [abilene@e-ht.com](mailto:abilene@e-ht.com)

Exceed Engineering, LLC, Canton office  
Dam Safety contact: Jason Brown, P. E.  
903/413-8897     [j.brown@exceed-eng.com](mailto:j.brown@exceed-eng.com)

Freese and Nichols, Inc., Austin office  
Dam Safety contact: Victor M. Vasquez, P. E.  
512/617-3142     [vmv@freese.com](mailto:vmv@freese.com)

Freese and Nichols, Inc., Fort Worth office  
Dam Safety contact: John Rutledge, P. E.  
817/735-7284     [jlr@freese.com](mailto:jlr@freese.com)

Freese and Nichols, Inc., Houston office  
Dam Safety contact: Cody Cockroft, P. E.  
712/600-6832      [cmc@freese.com](mailto:cmc@freese.com)

Frentress Engineering, LLC, Athens office  
Dam Safety contact: Corey Frentress, P. E.  
903/904-5046      [coreyfrentress@frentressengineering.com](mailto:coreyfrentress@frentressengineering.com)

GEI Consultants, Dallas office  
Dam Safety contact: Ryan Watson, P. E.  
781/721-4003      [rwatson@geiconsultants.com](mailto:rwatson@geiconsultants.com)

Geosyntec Consultants, Inc., Austin office  
Dam Safety contact: Brandon Klenzendorf, Ph.D., P. E.  
512/354-3281      [bklenzendorf@geosyntec.com](mailto:bklenzendorf@geosyntec.com)

Givler Engineering, Inc., San Antonio office  
Dam Safety contact: David Givler, P. E.  
210/342-3991 ext 204      [givler@givlerengineering.com](mailto:givler@givlerengineering.com)

Gregory Geotechnical, Stillwater, OK. office  
Dam Safety contact: Garry Gregory, Ph.D., P. E., D.GE.  
405/747-8200      [ggregory@gregeo.com](mailto:ggregory@gregeo.com)

Halff Associates, Inc., Austin office  
Dam Safety contact: Mike Moya, P. E., CFM, Vice President  
512/777-4550      [mmoya@halff.com](mailto:mmoya@halff.com)

Halff Associates, Inc., Fort Worth office  
Dam Safety contact: Andrew Ickert, P. E.  
817/764-7523      [aickert@halff.com](mailto:aickert@halff.com)

Henley-Johnston & Associates, Inc., Dallas office  
Dam Safety contact: James F. Phipps, P.E.  
214/941-3808      [jphipps@hja-eng.com](mailto:jphipps@hja-eng.com)

HDR Engineering, Inc., Austin office  
Dam Safety contact: Cris Parker, P. E.  
512/912-5156      [Cristopher.parker@hdrinc.com](mailto:Cristopher.parker@hdrinc.com)

Huitt-Zollars, Inc., Dallas office  
Dam Safety contact: John Ho, P. E.  
214/871-3311      [jho@huitt-zollars.com](mailto:jho@huitt-zollars.com)

Huitt-Zollars, Inc., Fort Worth office  
Dam Safety contact: Larry Rogers, P. E.  
817/335-3000     [lrogers@huitt-zollars.com](mailto:lrogers@huitt-zollars.com)

Huitt-Zollars, Inc., Houston office  
Dam Safety contact: Gregory R. Wine, P. E.  
281/496-0066     [gwine@huitt-zollars.com](mailto:gwine@huitt-zollars.com)

HydroLink Engineering, Addison office  
Dam Safety contact: David F. Barker, P. E., CFM  
972/738-6111     [dbarker@hydrolinkengineering.com](mailto:dbarker@hydrolinkengineering.com)

Jacob & Martin, LTD., Abilene office  
Dam Safety contact: Kenneth B. Martin, P. E.  
325/695-1070     [kbm@jacobmartin.com](mailto:kbm@jacobmartin.com)

Jacobs Engineering Group, Inc., Dallas office  
Dam Safety contact: Jack Furlong, P. E., D.WRE.  
214/583-8201     [jack.furlong@jacobs.com](mailto:jack.furlong@jacobs.com)

Jacobs Engineering Group, Inc., Fort Worth office  
Dam Safety contact: Olivia Whittaker, P. E., CFM  
214/583-8284     [olivia.whittaker@jacobs.com](mailto:olivia.whittaker@jacobs.com)

Jones & Carter, Inc., Houston office  
Dam Safety contact: Craig Kalkomey, P. E.  
713/777-5337     [cwkalkomey@jonescater.com](mailto:cwkalkomey@jonescater.com)

Jones-Heroy & Associates, Lampasas office  
Dam Safety contact: Jason S. Jones, P. E.  
512/556-2300     [jasonj@jones-heroy.com](mailto:jasonj@jones-heroy.com)

K Friese + Associates, San Antonio office  
Dam Safety contact: Abe Salinas, P. E.,CFM  
210/491-2391     [asalinas@kfriese.com](mailto:asalinas@kfriese.com)

KBGE, Austin office  
Dam Safety contact: Chad Kimbell, P. E.  
512/439-0400     [ckimbell@cecinc.com](mailto:ckimbell@cecinc.com)

Kenall, Inc., Houston office  
Dam Safety contact: Manwar Hossain, P. E.  
832/251-8200 ext 105     [manwar.hossain@kenallinc.com](mailto:manwar.hossain@kenallinc.com)

Kimley-Horn & Associates, Dallas office  
Dam Safety contact: Brad Pickering, P. E., CFM  
972/770-1300      [brad.pickering@kimley-horn.com](mailto:brad.pickering@kimley-horn.com)

Kimley-Horn & Associates, Los Colinas office  
Dam Safety contact: Misty Christian, P. E., CFM  
214/420-5600      [misty.christian@kimley-horn.com](mailto:misty.christian@kimley-horn.com)

Koogler Associates, Houston office  
Dam Safety contact: James Koogler, P. E.  
713/305-5371      [jkoogler@kooglerassociates.net](mailto:jkoogler@kooglerassociates.net)

KSA, Longview office  
Dam Safety contact: Chris Aylor, P. E.  
903/236-7700      [caylor@ksaeng.com](mailto:caylor@ksaeng.com)

KSA, Tyler office  
Dam Safety contact: Lynn Hitt, P. E.  
903/581-8141      [lhitt@ksaeng.com](mailto:lhitt@ksaeng.com)

LJA Engineering, Inc., Dallas office  
Dam Safety contact: Angus Tewnion, P. E.  
214/451-0884      [atewnion@lja.com](mailto:atewnion@lja.com)

LJA Engineering, Inc., Houston office  
Dam Safety contact: Chad Johnson, P. E., CFM  
713/953-5211      [cjohnson@lja.com](mailto:cjohnson@lja.com)

LJA Engineering, Inc., McKinney office  
Dam Safety contact: Jeffrey J. Alvarez, P. E., CFM  
214/620-2758      [jjalvarez@lja.com](mailto:jjalvarez@lja.com)

LNV, San Antonio office  
Dam Safety contact: Alan Thompson, P. E.  
210/822-2232      [athompson@lnvinc.com](mailto:athompson@lnvinc.com)

Lockwood, Andrews & Newnam, Inc., Austin office  
Dam Safety contact: Tom Mountz, P. E.  
512/338-4212      [twmountz@lan-inc.com](mailto:twmountz@lan-inc.com)

McLendon Hydrology and Engineering, LLC, Fort Worth office  
Dam Safety contact: David W. McLendon, P. E., CFM  
817/504-6726      [david.mclendon@gmail.com](mailto:david.mclendon@gmail.com)



M&E Consultants, Heidenheimer office  
Dam Safety contact: Dennis Medlin, P. E.  
254/983-9108      [denmed@vvm.com](mailto:denmed@vvm.com)

M. Evans Consulting, Big Spring office  
Dam Safety contact: Michelle Evans, P. E., CFM  
512/771-3456      [mevans@mevansconsulting.com](mailto:mevans@mevansconsulting.com)

M&S Engineering, Spring Branch office  
Dam Safety contact: Keith Strimple, P. E.  
830/228-5446      [kstrimple@msengr.com](mailto:kstrimple@msengr.com)

Nathan D. Maier, Dallas office  
Dam Safety contact: Jim Keith, P.E., CFM  
214/739-4741      [jkeith@ndmce.com](mailto:jkeith@ndmce.com)

NV5, Inc., Arlington office  
Dam Safety contact: Anthony J. Jaecques, P. E.  
682/276-2691      [anthony.jaecques@nv5.com](mailto:anthony.jaecques@nv5.com)

O'Brien Engineering, Dallas office  
Dam Safety contact: Jim O'Brien, P. E., CFM  
972/233-2288      [jobrien@obrieneng.com](mailto:jobrien@obrieneng.com)

Parsons Brinckerhoff, Dallas office  
Dam Safety contact: David P. Lutz, P. E.  
214/583-3427      [lutzdp@pbworld.com](mailto:lutzdp@pbworld.com)

Pierce Chandler, Rockwall office  
Dam Safety contact: Pierce L. Chandler, Jr., P. E.  
972/740-8827      [omc@airmail.net](mailto:omc@airmail.net)

Pierce Engineering, Childress office  
Dam Safety contact: Brian G. Pierce, P. E.  
940/937-8600      [bpierce@pierceengineering.net](mailto:bpierce@pierceengineering.net)

Pond Medics, Inc., Prosper office  
Dam Safety contact: Emily Lewis, P. E.  
972/334-0104      [Emily@pondmedics.com](mailto:Emily@pondmedics.com)

Purkeypile Consulting, LLC, Holiday Island, Ark. Office  
Dam Safety contact: Dee Purkeypile, P. E.  
512/971-2264      [dee@purkeyconsulting.com](mailto:dee@purkeyconsulting.com)

RPS Group, Austin office  
Dam Safety contact: James Isensee, P. E.  
512/879-6681 [isensee@rpsgroup.com](mailto:isensee@rpsgroup.com)

Schaumburg & Polk, Inc., Tyler office  
Dam Safety contact: Allen R. Ross, P. E.  
903/595-3913 [aross@spi-eng.com](mailto:aross@spi-eng.com)

Schnabel Engineering, Dallas office  
Dam Safety contact: Jimmy Crowder, P. E.  
972/250-3322 [jcrowder@schnabel-eng.com](mailto:jcrowder@schnabel-eng.com)

Simple As Dirt Engineering, LLC, San Saba office  
Dam Safety contact: Nicholas Taylor, P. E.  
325/205-9287 [Nick@SA-Dirt.com](mailto:Nick@SA-Dirt.com)

Stokes & Associates, Inc., Henderson office  
Dam Safety contact: Steven B. Wick, P. E.  
903/657-7558 [steve@stokesandassociates.com](mailto:steve@stokesandassociates.com)

Teague Nall & Perkins, Inc., Fort Worth office  
Dam Safety contact: Niraj Acharya, P. E.  
817/336-5773 [nacharya@tnpinc.com](mailto:nacharya@tnpinc.com)

Teague Nall & Perkins, Inc., Houston office  
Dam Safety contact: Eric Friedrich, P. E.  
832/220-1205 [efriedrich@tnpinc.com](mailto:efriedrich@tnpinc.com)

Velvin & Weeks Consulting Engineers, Inc., Athens office  
Dam Safety contact: David Cundieff, Jr.  
903/675-3903 [dcundieff@velvin-weeks.com](mailto:dcundieff@velvin-weeks.com)

Walter P. Moore Company, Houston office  
Dam Safety contact: Andrew C. Yung, P. E.  
713/394-5885 [ayung@walterpmoore.com](mailto:ayung@walterpmoore.com)

WEST Consultants, Dallas office  
Dam Safety contact: Ramesh Chintala, P. E.  
972/533-2730 [rchintala@westconsultants.com](mailto:rchintala@westconsultants.com)

Westra Consultants, Arlington office  
Dam Safety contact: Sol Stigall, P. E., CFM  
817/230-4147 [sstigall@westraconsultants.com](mailto:sstigall@westraconsultants.com)

Wood Environment & Infrastructure Solutions, Inc., Dallas office  
Dam Safety contact: Nasir H. Syed, P. E.  
469/623-9596 [Nasir.Syed@woodplc.com](mailto:Nasir.Syed@woodplc.com)

Wood, plc, El Paso office  
Dam Safety contact: Mark J. Breitnauer, P. E.  
915/585-2472 [mark.breitnauer@woodplc.com](mailto:mark.breitnauer@woodplc.com)

Z Professional Services, Southlake office  
Dam Safety contact: Rodney Zielke, P. E.  
214/502-7209 [rodzielke@aol.com](mailto:rodzielke@aol.com)

<sup>1</sup> <http://www.tbpe.state.tx.us>

<sup>2</sup> <https://www.tceq.texas.gov/compliance/investigation/damsafetyprog.html>