

Objectives					
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Understand QBS basics, benefits, and why we use it.	Provide overview of Federal & Iowa statutes for procurement of professional services.	Understand how to utilize QBS			



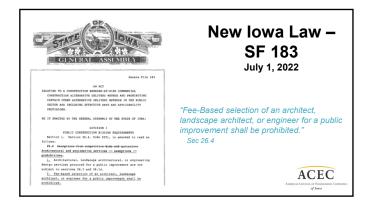
QBS

Federal statutes require public agencies to use QBS when procuring professional services.

Competitive Procurement Process used to Hire Design Professional Services based on Qualifications

Engineering Land Surveying Architectural Construction Manageme The Brooks Act is a United States federal law passed in 1972 that requires the U.S. Federal Government select engineering and architecture firms based upon their competency, qualifications and experience rather than by price.

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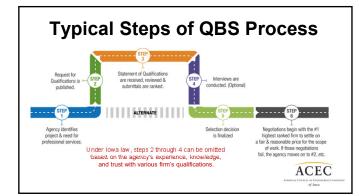




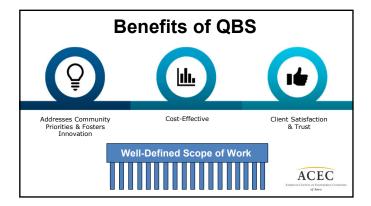
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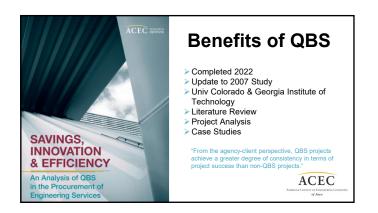


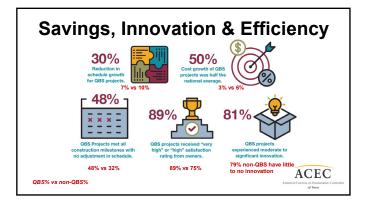




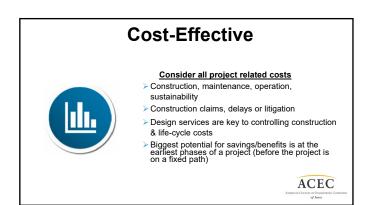


Addresses Community Priorities				
	Public Safety			
	Community Satisfaction			
	Competitive bids - Fewer construction delays			
	Design for Long-Term Value & Resiliency			
	Focus on Sustainability & Innovation			
		ACEEC AMERICAS CONSIGN OF DEMONSTRATING COMPANY		









Client Satisfaction 2022 study prepared by the ACEC Research Institute reports 89% of owners surveyed rated the satisfaction of QBS projects as high or very high.

Construction Cost Growth

- Industry Average 6%
 QBS projects 3%
- Construction Schedule Growth

Industry Average 10%QBS projects 7%

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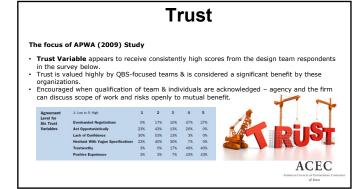
Greater Public Appreciation

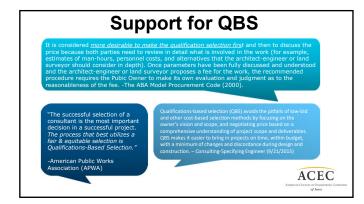
Construction projects that address community needs are timely, impactful & appreciated
Shows responsible use of tax-payer dollars

Sets a Standard for Quality & Improvement

Lasting professional relationships may develop

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The High Cost of Buying Cheap

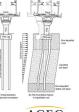




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Well-Defined Scope of Work = SUCCESS

- A scope of work determines a path to the outcomes and deliverables.
 - Risk and uncertainty is reduced for both the Owner and the Engineer.
 - Risk equates to cost.
- Hisk equates to cost.
 The path to a solution requires input from many stakeholders.
- Experience & Expertise can avoid pitfalls.
- Once a scope is understood, the budget can be estimated.
- Negotiations get Owner and Engineer to the right product and cost.



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Common Misconception #1

MYTH: Procuring engineering services based on qualifications takes significantly more time than awarding a contract based on low-bid.

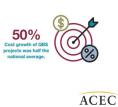
FACT: An emphasis on qualifications as the prime selection criteria can substantially reduce the overall time to complete a project.



Common Misconception #2

MYTH: State and local agencies should procure A/E services based on low-bid to save taxpayers' money.

FACT : Low-bid procurement does not save taxpayer money over the life of the project because it leads to increased change orders and project maintenance costs. In addition, public health and safety — paramount concerns for public-sector projects — are undermined by low-bid procurement. Federal, state and local government agencies have a responsibility to obtain the high quality and safe design that is achieved through QBS.



Common Misconception #3

MYTH: QBS eliminates price as a selection criteria.

FACT : Price is a factor! Price becomes a factor only after the most qualified firm has been identified and a detailed scope of work has been jointly developed by the owner and the firm.



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Common Misconception #4

MYTH: The new lowa law allows for governmental entities to ask design firms for price up front as long as it is not more than 50% the determining factor in the decision.

FACT : The law says: <u>"Fee-based</u> selection of the engineer, landscape architect, or architect is prohibited." Price becomes a factor only after the most qualified firm has been identified and a detailed scope of work has been jointly developed by the owner and the firm. Asking for price before the detailed scope of work has been mutually defined puts the cart before the horse.



Common Misconception #5

MYTH: The new Iowa law only prohibits fee-based selection, but asking for hours is still acceptable.

FACT : Development of a detailed scope of work is necessary to determine the hours required for the work. Time is money, and the assignment of an assumed hourly rate is still considered fee-based selection.



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Common Misconception #6

MYTH: Asking for labor rate sheets from consultants is OK to use for comparison.

FACT : Again, development of a detailed scope of work is necessary to determine what is required for the work. Comparing labor rates is not an apples-to-apples comparison due to variations in overhead rates and not knowing which staff will be used on the project.



Common Misconception #7

MYTH: Developing a consultant pool is not allowed by lowa's new QBS law.

FACT : The new Iowa QBS law is met when the consultant pool is selected using the Qualification Based Selection tools previously mentioned in this presentation. It is recommended that the pool be reevaluated on a regular basis to ensure all the consultants continue to meet the needs of the public entity.



Common Misconception #8

MYTH: Contracting with a consultant to act as the City Engineer is not allowed.

FACT : This does meet the requirements of the new lowa QBS law when the consultant is selected using the Qualification Based Selection tools previously mentioned in this presentation. It is recommended that the consultant be reevaluated on a regular basis to ensure they continue to meet the needs of the public entity.



of Iowa

Conclusions about QBS



Qualifications-Based Selection allows the Owner to hire a professional who is truly qualified to define and solve the problem.

Qualifications-Based Selection is a simple and competitive process that matches the right engineering and design professional to the Owner's project, based on expertise and experience rather than cost alone.

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Closing Thought



"It is unwise to pay too much, but it's worse to pay too little. When you pay too little, you sometimes lose everything because the thing you bought was incapable of doing the thing you bought it to do."

- John Ruskin (1819–1900)

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