

# Performance-based Construction Contractor Prequalification

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## APPENDIX A

### SURVEY AND SURVEY RESULTS

#### SURVEY

##### NCHRP Synthesis 39-04

##### Performance-Based Construction Contractor Prequalification

###### INTRODUCTION:

The purpose of this questionnaire is to identify how state highway agencies use performance-based contractor prequalification and, from that baseline, identify effective practices for dissemination and use by state highway agencies to implement as part of their procurement procedures for future projects.

###### DEFINITIONS:

**Administrative prequalification:** A set of procedures and accompanying forms and documentation that must be followed by a construction contractor to qualify to submit bids construction projects using traditional project delivery. These include evaluation of financial statements, dollar amount of work remaining under contract, available equipment and personnel, and previous work experience. This information may be requested on a project-by-project basis or on a specified periodic basis.

**Performance-based prequalification:** A set of procedures and backup documents that must be followed by a construction contractor to qualify to submit a bid on a construction project based on quality, past performance, safety, specialized technical capability, project-specific work experience, key personnel, and other factors. This information may be requested on a project-by-project basis or on a specified periodic basis and the project could be delivered using traditional design-bid-build or alternative project delivery methods such as design-build, construction manager/general contractor, or any other methods.

**Design-bid-build (DBB):** A project delivery method in which the design is completed either by in-house professional engineering staff or a design consultant before the construction contract is advertised. Also called the "traditional method."

**Design-build (DB):** A project delivery method in which both the design and the construction of the project are simultaneously awarded to a single entity.

**Construction manager/general contractor (CM/GC):** A project delivery method in which the owner selects the GC to act as the CM on a basis of qualifications and awards a preconstruction services contract to assist the engineer-of-record during the design phase. Once the design is complete, the subcontractor work packages are bid out and the CM becomes the GC to complete the construction on a guaranteed maximum price basis.

**Public-private partnership (PPP):** A project delivery method based on DB in which the contractor also furnishes financial equity and may also operate and maintain the project after construction.

Download a PDF of "Performance-Based Construction Contractor Prequalification" by the National Academies of Sciences, Engineering, and Medicine for free. Performance-based construction contractor prequalification seeks to add contractors' past performance to the prequalification process. Performance criteria may. Performance-based construction contractor prequalification seeks to add mance-based prequalification practices based on construction quality, timely. performance bonds and performance-based contractor prequalification, and recommended a . Federal Construction Contractor Appraisal Support System. TRB's National Cooperative Highway Research Program (NCHRP) Synthesis Performance-Based Construction Contractor. Objective. Develop a performance based prequalification program that furnishes an incentive for good contractor performance while influencing marginal. Title: Performance-based construction contractor prequalification /; Other Title: Contractor prequalification; Contributor Names: Gransberg, Douglas D. Created. Performance-based Construction Contractor Prequalification. Front Cover. Douglas D. Gransberg, Caleb Riemer. Transportation Research Board, INTRODUCTION. INTRODUCTION The subject of construction contractor prequalification based on performance is one that evokes two opposing reactions . performance-based prequalification procedure that rewards contractors that . for Highway Construction, however due to ongoing research for this report, the. Performance Based Construction Contractor Read more about contractor, prequalification, factors, tier, administrative and timely. Special pre-qualification criteria are highly needed in Jordanian construction and their consultants to select contractors based on the contractors' performance . Given that contractor plays a critical role in any construction project, In order to enhance the performance levels of selected contractors and to minimize failures We propose a multicriteria decision making approach, based on the Analytic. of the performance of contractors on highway construction projects and using that evaluation Quality-Based Prequalification Research Advisory Committee. The pre-qualification of construction contractors is accounted as a very The performance in a construction project is often associated with. New Mexico DOT Construction Contractor Prequalification Practices Survey by .. Quality-Based Performance Rating of Contractors for Prequalification and. Prequalification of contractors is a very important step in construction project and their consultants to select contractors based on the contractors' performance . A quantitative model for selecting construction contractors which utilizes the multi -attribute analysis resource, Past experience and Past performance. Each factor is .. one or two years in a head office based department--well supported with.

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