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contributions from experts in developed and developing countries, including those with severe contamination, such as China, India, and Pakistan, the book's content spans a wide range of the subject areas that fall under the aquanotechnology banner, either squarely or tangentially. The book strongly emphasizes sorption media, with broad application to a myriad of contaminants—both geogenic and anthropogenic—keeping in mind that it is not enough for water to be potable, it must also be palatable. Step-by-step guidance on how to write effective grants that get the funding you need. Complete with examples of fully-completed proposals, you'll also get an easy-to-use companion website containing guide sheets and templates that can be easily downloaded, customized, and printed. The authors provide examples of completed proposals and numerous case studies to demonstrate how the grant-seeking process typically works. Order your copy today!

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### Inspection, and Testing Construction Staking Close-Out SUPPLEMENTAL Technical Reference

The negotiated contract method for RFPs is a rapidly growing trend in construction. Traditionally, RFPs have gone through a competitive bid method – meaning that 100% of the design work is done without the input of contractors and with very little real cost information. With the negotiated contract method, only about 10% of the design work is done before a contractor is brought to the table, which means less paperwork and lower up-front costs. There are several advantages to the negotiated contract method:

- Because only a small part of the design work is done up-front (before a contractor is brought on board), no extensive re-design work has to be done when budget/schedule issues with the design become a factor.
- A complete team – architect/designer and contractor – is assembled earlier, making for a much more efficient process and outcome.
- The RFP process becomes a collaborative effort, rather than a competitive one. There is no other book on the shelf that either focuses specifically on RFPs in the construction industry, or features a step-by-step method for implementing the negotiated contract method. This is a step-by-step guide for managing the RFP process in a way that saves time, money, enhances team collaboration, and assures quality in construction. Focusing on the negotiated contract method (as opposed to the competitive bid method), the book takes readers from articulating the needs/wish list for a construction project, to the analysis of responses and interviews, through negotiations and finalization of the deal. This is a roadmap for:

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Preparing, understanding, and assessing the quality of information in an RFP. • Gathering critical, project-specific information from free and up-to-date local databases. • Adding value to the process by assisting consultants in marketing and project management capabilities. • Selecting and working with a team early in the process to stay on-schedule and on-budget. • Improving the materials selection process and the end-result overall quality of construction. • Example and template forms make it easy to create a successful RFP process.

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Architecture, Architectural Record, The Los Angeles Times, The Orange County Register, etc. He has worked on a variety of unusual projects, including well-known, large-scale healthcare and hospitality projects with over one billion dollars in construction costs, award-winning school designs, highly-acclaimed urban design and streetscape projects, multifamily housing, high-end custom homes, and regional and neighborhood shopping centers. Gang Chen is a LEED AP and a licensed architect in California. He is also the internationally acclaimed author for other fascinating books, including *Planting Design Illustrated* and *LEED Exam Guides Series*, which include one guidebook for each of the LEED exams.

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35 9.2 Typical PWR Station Layout 36 9.3 Regions of Highest Radiological Hazard 38 9.4 Decommissioning Scenarios 40 9.5 Existing Structural Features of a PWR which may aid Decommissioning 42 9.6 Structural Features that might be introduced into Future PWR Stations to aid Decommissioning 43 10. REFERENCES 44 11. ACKNOWLEDGEMENTS 45 12. TABLES AND FIGURES 45 APPENDIX A - SUPPLEMENTARY INFORMATION 98

1. INTRODUCTION 1.1 This report describes the work carried out by Taylor Woodrow Construction Limited (TWC) in a study aimed at identifying features which may be incorporated at the design stage of future nuclear power plants to facilitate their eventual decommissioning and, in so doing, promote economic and radiological benefits at the decommissioning stage. 1.2 For the purposes of this study, decommissioning of a nuclear facility means those measures taken at the end of the facility's operating life to remove it from the site and restore the site to green field conditions, and, while so doing, ensure the continued protection of the public from any residual radioactivity or other potential hazards present in or emanating from the facility. The overall decommissioning process involves eventual dismantling and demolition and may also include, where possible and appropriate, the intermediate steps of renewal and refurbishing.

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