

## THE CITY OF WINNIPEG

## **BID OPPORTUNITY**

**BID OPPORTUNITY NO. 9-2005** 

DESIGN, SUPPLY AND CONSTRUCTION OF A SAND AND SALT STORAGE FACILITY AT 1539 WAVERLEY STREET

PREPARED FOR: The City of Winnipeg

PREPARED BY:



UMA Engineering Ltd. Engineers & Planners

## **TABLE OF CONTENTS**

PART A	- BID SUBMISSION	
Forn Forn	n A: Bid n B: Prices n G1: Bid Bond and Agreement to Bond n G2: Irrevocable Standby Letter of Credit and Undertaking	1 4 5 7
PART B	- BIDDING PROCEDURES	
B2. B3. B4. B5. B6. B7. B8. B9. B10. B11. B12. B13. B14. B15.	Project Title Submission Deadline Site Investigation Enquiries Addenda Substitutes Bid Submission Bid Prices Qualification Bid Security Design-Build Proposal Opening of Bids and Release of Information Irrevocable Bid Withdrawal of Bids Evaluation of Bids Award of Contract	1 1 1 1 1 2 3 3 4 5 5 6 7 7 7 8 8
PART C	- GENERAL CONDITIONS	
C1.	General Conditions	1
PART D	- SUPPLEMENTAL CONDITIONS	
D2. D3. D4. D5. D6.	General Conditions Definitions Scope of Work Contract Administrator Contractor's Supervisor Notices Furnishing of Documents	1 1 2 2 2 2 3
Sub D8. D9. D10. D11.	Safe Work Plan Insurance Performance Security Subcontractor List Detailed Work Schedule	3 3 4 4 4
D13. D14. D15. D16. D17.	edule of Work Commencement Work By Others Substantial Performance Total Performance Liquidated Damages	4 5 5 5 6
	trol of Work Layout	6

D19. Temporary Utilities D20. Permits D21. Job Meetings D22. Prime Contractor – The Workplace Safety and Health Act (Manitoba)	6 6 6 7
Measurement and Payment	
D23. Payment Schedule	7
<b>Warranty</b> D24. Warranty	7
Form H1: Performance Bond Form H2: Irrevocable Standby Letter of Credit	8 10
Form J: Subcontractor List Form L: Detailed Work Schedule	12 13
PART E - SPECIFICATIONS	
E1. Applicable Specifications, Standard Details and Drawings	1
E2. Codes and Standards	1
E3. Site Investigation Report	2
E4. Traffic Management E5. Water Used by Contractor	2 2
E6. Site Protection and Clean-Up	2
E7. Construction Documents	2
E8. Shop Drawings	3
E9. Record Drawings and Documents	3
E10. Operation and Maintenance Manuals and Warranties	4
E11. Bored Piles	4
E12. Steel Doors and Frames E13. Sectional Metal Overhead Doors	5 8
E13. Sectional Metal Overhead Books E14. Door Hardware	o 12
E15. Prefabricated Buildings	13
E16. Mechanical General Requirements	16
E17. Pipe Welding	22
E18. Testing	25
E19. Thermometers and Gauges	26
E20. Mechanical identification	27
E21. Valves and Strainers	30
E22. Pumps	31
E23. Plumbing E24. Air Outlets	32 37
E25. Controls	39
E26. Electrical	43
E27. Building Lighting	47
E28. Emergency Lighting and Exit Signs	48
E29. Lighting Control Equipment	49
E30. Wiring Devices, Motors	50
E31. Wire, Cable, Conduit and Conduit Fittings	50