



Summary of:
MWRA Board of Directors' Meeting
September 9, 1998

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A meeting of the Board of Directors of the Massachusetts Water Resources Authority was held on September 9, 1998 at the Authority Headquarters in Charlestown. **Present:** Chair Trudy Coxe, Gubernatorial Representative; John Carroll, Norman Jacques, Andrew Pappastergion, Advisory Board Representatives; Andrea d'Amato, Robert Spinney, Vincent Mannering, City of Boston Representatives; Marie Turner, Town of Winthrop Representative; Joseph MacRitchie, City of Quincy Representative; Lucile Hicks, Gubernatorial Representative. **Absent:** Donald Mitchell, Gubernatorial Representative.

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AGENDA

Report of the Chair

No report.

Report of the Executive Director

Mr. MacDonald informed the Board of the passing of Kirk O'Donnell, a Washington, DC lobbyist who's clients include the MWRA. The Board held a moment of silence in his memory.

The Executive Director also noted that the Board has received a letter from the Wastewater Advisory Committee regarding the June storm event. The letter includes comments and suggestions for improving the system. Mr. MacDonald highlighted the problem of inflow and infiltration throughout the southern system. John Fitzgerald, Sewerage Division Director, noted that the Sewerage Division is working on organizing North and South System meetings regarding I/I. Mr. Carroll said that he would like to be involved in discussions on this issue.

APPROVALS

Payment of Meritorious Claim, Hazardous Waste Remediation, Phase II, Environmental Waste Technology, Inc.

The Board voted to adopt the Engineer's Decision dated July 28, 1998 and to authorize the Executive Director to pay the contractor, Environmental Waste Technology, Inc. (EWT) the sum of \$122,067 as the meritorious portion of claim no. 050-004 for increased costs due to significant underruns in estimated quantities of 65 unit price contract bid items, which resulted in increased overhead costs.

Staff explained that this is the second of three contracts on the Boston Harbor Project which provided a single site-wide contractor to provide certain hazardous waste management services for the entire island. The contract was awarded in the amount of \$2.8 million. However, 65 of the 74 unit priced items were substantially underrun, so that the final adjusted contract was about \$1.5 million. This claim payment compensates the contractor for its increased cost to perform the significantly lesser quantity of unit price work. The contract documents contain a provision commonly referred to as a Variation in Estimated Quantities clause which allows the adjustment of unit price items upward or downward when actual quantity differs by more than 15%.

Appointment of Director, Metropolitan Operations, Waterworks

The Board approved the Executive Director's recommendation to appoint Mark H. Johnson to the Position of Director, Metropolitan Operations in the Waterworks Division at an annual salary of \$89,652, to be effective on the date designated by the Executive Director.

The Director of Metropolitan Operations manages the operation and maintenance of all metropolitan water supply facilities. The Director is responsible for managing a staff of 133 working out of four locations: Glenwood Yard, Chestnut Hill, and the Brattle Court and Hyde Park Pump Stations. Mr. Johnson joined the MWRA in January, 1989 as a Senior Design Manager in the Program Management Division. In April, 1994, he joined the Waterworks Division as Superintendent of Distribution. Mr. Johnson holds B.S. and M.S. degrees in Civil Engineering.

Appointment of Assistant Superintendent - Metering and Monitoring, Waterworks

The Board voted to approve the appointment of Andrew Hildick-Smith as Assistant Superintendent - Metering & Monitoring (Unit 9, MOSES, Grade 30) at an annual salary of \$71,579.

The Assistant Superintendent of the Metering and Monitoring Sections of the Waterworks Operations Department is responsible for direction and oversight of the SCADA system. The position supervises a staff of technicians and engineers who operate and maintain the Waterworks SCADA system and provide in-house control system installation on key projects. Mr. Hildick-Smith has been with the MWRA for eight years, holding the positions of Water Resources Planner and Project Manager in Waterworks. He has been with the Operations Department for almost four years, primarily in the role of Emergency Response Planner. Mr. Hildick-Smith holds a B.S.C. Degree in engineering.

September PCR Amendments - Fiscal Year 1999

The Board approved amendments to the Position Control Register. The amendments include reclassification of a vacant Building and Grounds position to create a new Manager, Y2K Program for the Sewerage Division, and reclassification of the Superintendent, Distribution to Program Manager, Process Control for the Waterworks Division. Joe Favaloro questioned the appropriateness of reclassifying a position that was \$25,0000 on July 1, only two months ago, to a new position at \$81,000.

CONTRACT AWARDS

Wachusett Reservoir Water and Sewer Lines Replacement Project; Construction Dynamics, Inc.

The Board awarded Contract 6151D, Wachusett Reservoir Water and Sewer Lines Replacement to Construction Dynamics, Inc., the second lowest bidder, and to authorize the Executive Director, on behalf of the Authority, to execute said contract in the bid amount of \$488,000 for a contract time of 120 calendar days.

This project involves the replacement/rehabilitation of sanitary sewer lines serving the Cosgrove Intake, the adjacent Worcester County Courthouse, and a section of the Town of Clinton's gravity interceptor receiving these lines. It also involves the replacement of the water main serving the Cosgrove Intake, disinfection facilities and the Courthouse, as well as replacement of the stormwater discharge pumps and piping in the Cosgrove Intake facility.

Because this project involves improvements to infrastructure owned by the Town of Clinton and Worcester County, MWRA staff is pursuing reimbursement. Based on unit costs from the engineer's estimate, Clinton's share in the costs is approximately \$59,000 and Worcester County's share is approximately \$39,000. Staff has received a verbal commitment from the Town of Clinton and an MOA is being prepared. The Courthouse Bond Bill includes language authorizing the expenditure of funds for the Clinton sewer project. Authority staff will work with Division of Capital Planning and Operations and the Trial Court to obtain reimbursement for the project costs associated with the courthouse.

There was some discussion relative to the disqualification of the lowest bidder. Staff explained that Zenone, Inc. was disqualified due to lack of supervision by the contractor on other MWRA jobs.

Shaft 7 to WASM 3 Connecting Mains Project, Weston & Sampson Engineers, Inc.

The Board voted to approve the selection of Weston & Sampson Engineers, Inc. to provide consulting services for design, construction administration and resident inspection under Contract 6383 of Shaft 7 to WASM 3 Connecting Mains Project, and to authorize the Executive Director, on behalf of the Authority, to execute said contract in the amount of \$4,465,516.

This contract provides engineering services for the first phases of construction for Shaft 7 to WASM 3 Connecting Mains Project. The goal of this entire project is to connect the City Tunnel to the Weston Aqueduct Supply Main No. 3 (WASM 3) with new connecting mains in order to provide increased redundancy and operations flexibility for the Northern High and Northern Extra High Service systems.

Southern High Service Extension Study

The Board voted to consider the award of a contract at the September 23, 1998 Board of Directors meeting and to direct the Executive Director to advise the Legislature of the Board of Directors' concern that adequate time be taken to produce a quality study, which cannot be completed by the November 1, 1998 deadline.

The FY98 Capital and Supplemental Appropriations Act (Chapter 289 of 1998) appropriated grant funds in the amount of \$300,000 for a study to be directed by MWRA to provide comprehensive analysis of providing supplemental water service to the communities of Avon, Braintree, Brockton, Canton, Holbrook, Randolph, Stoughton and Weymouth. Mr. Carroll asked if the Authority would be able to complete a report by the November 1, 1998 deadline designated in the legislation. Mr. MacDonald said that they would not have the full report by November 1, but would provide an update to the Legislature regarding the status of the study. A final report would be expected by April 30, 1999.

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CONTRACT AMENDMENTS/CHANGE ORDERS

Ancillary Design Modification, Phase III; R. Zoppo/Interstate Engineering, J.V.

The Board voted to authorize the Executive Director, on behalf of the Authority, to approve Change Order 11 to Contract 6180, with R. Zoppo Corp./Interstate Engineering Corp., a joint venture, in an amount not to exceed \$62,791 increasing the contract amount from \$28,111,111 to \$28,173,902. Further, the Board authorized the Executive Director to approve additional change orders as may be needed to Contract 6180 in the amount not to exceed the aggregate of \$250,000.

The Ancillary Design Modification contract includes a wide array of modifications which are necessary for safe and efficient long-term operation of the plant. Staff explained that the contractor is required to clean and reinstall all rotameters and gauges on new stainless steel piping for placement on 48 new stainless steel seal water panels in Primary Galleries A&B and Scum Control Buildings. As the contractor was removing the first set of rotameters and gauges from the copper piping, staff found the threaded ends of rotameters and gauges to be in deteriorated condition due to corrosion of the copper piping to which they were attached. These rotameters and gauges cannot be reused. The CM and contractor have agreed to unit prices of \$156.15 per rotameter for 48 rotameters and \$348 per gauge for 144 gauges, for a total not to exceed price of \$62,791.

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INFORMATION REPORTS/DISCUSSIONS

MDC Watershed Division

Mr. Pappastergion asked if the MDC had responded to the Advisory Board's letter regarding the FY98 MDC Watershed Division budget. A response has not yet been received. Mark Smith, Executive Office of Environmental Affairs, noted that George Crombie from his office has been in touch with Joe Favaloro regarding working out an agreement relative to budget review. Mr. Favaloro said that he did have a conversation with George Crombie and thought that there may be a workable solution. He stated, however, that there are still outstanding questions regarding the FY98 budget and suggested that the Authority withhold the final quarter payment to the MDC until those questions are answered. However, the Board directed staff to make the payment, but to include a letter with the payment stating that the Board has questions relative to the FY98 budget and would like information regarding the process for resolving this issue. If there is no progress by the time the next quarterly payment is due, the Board will consider what action should be taken at that time. Mr. Pappastergion still objected to paying the bill for this quarter, in the absence of the information requested.

Chestnut Hill Pump Station

The Board directed staff to move forward to procure a contract for relocating the pumps from the High Service Building at Chestnut Hill Pump Station. Mr. MacDonald also noted that the Authority is working in cooperation with the City of Boston to form a working group on the issue of reuse and preservation of the site.

Water Treatment Technology Decision

The Board was provided with the sixth in a series of briefings to be provided to lay the foundation for the water treatment technology decision to be made by the Board of Directors in October 1998. This briefing reviewed the emerging regulatory requirements that need to be considered by MWRA and the costs for the three treatment alternatives.

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