

MINUTES

CORPORATE SERVICES AND ECONOMIC DEVELOPMENT COMMITTEE

THE REGIONAL MUNICIPALITY OF OTTAWA-CARLETON

CHAMPLAIN ROOM

01 OCT 1996

3:00 P.M.

PRESENT

Chair: P. Clark

Members: M. Bellemare, B. Hill, P. Hume, A. Loney, W. Stewart, R. van den Ham

REGRETS

G. Hunter, B. McGarry

CONFIRMATION OF MINUTES

**That the Corporate Services and Economic Development Committee confirm the Minutes of the 17 Sep 1996 meeting.**

CARRIED

REGULAR ITEMS

ENVIRONMENT AND TRANSPORTATION

*ENVIRONMENT*

1. ROBERT O. PICKARD ENVIRONMENTAL CENTRE  
DIGESTER GAS UTILIZATION CONTRACT CS-6088 -  
PRE-PURCHASED COGENERATION EQUIPMENT - CONTRACT AWARD  
- Environment and Transportation Commissioner's report dated 09 Sep 96

**That the Corporate Services and Economic Development Committee and Council approve:**

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Notes: 1. Underlining indicates a new or amended recommendation.  
2. Reports requiring Council consideration will be presented to Council on 09 Oct 1996 in Corporate Services and Economic Development Committee Report Number 43.

1. **The award of Contract CS-6088 to the firm of Toromont Industries Ltd., Concord, for the supply of Cogeneration equipment for the R.O. Pickard Environmental Centre for a total contract provision of \$2,493,907.79;**
2. **An increase in project authority for the Digester Gas Cogeneration Facility from \$3,800,000 to \$4,772,000. Funds in the amount of \$972,000 to be transferred from the Sewer Capital Reserve Fund.**

CARRIED

2. **FLEET STREET PUMPING STATION  
PHASE 3, SITE REHABILITATION  
CONTRACT CW-5157 - SCOPE INCREASE  
- Environment and Transportation Commissioner's report dated 10 Sep 96**

**That the Corporate Services and Economic Development Committee and Council approve a scope increase to Contract CW-5157 with W.D. Laflamme Limited, Nepean, for the installation of 47 metres of 1500 millimetre diameter watermain in the amount of \$165,850, bringing the revised total contract provision to \$1,224,681.**

CARRIED

3. **GLEN CAIRN PUMPING STATION UPGRADE  
CONTRACTS NOS. CW-4179 AND CC-4230  
CONTRACT AWARDS  
- Environment and Transportation Commissioner's report dated 11 Sep 96**

**That the Corporate Services and Economic Development Committee and Council approve:**

1. **The award of Contract No. CW-4179 to Modern Mechanical Inc., Kanata, for the upgrades to the existing Glen Cairn Pumping Station, for a total contract provision of \$875,688;**
2. **The increase in scope to Contract No. CC-4230 with J.L. Richards & Associates Limited, Ottawa, to include contract administration and construction inspection services, in the amount of \$50,611, bringing the revised total contract provision to \$165,611.**

CARRIED

4. **SUPPLY OF FERROUS CHLORIDE**  
TENDER 0885-70-T2/96 - TENDER AWARD  
- Environment and Transportation Commissioner's report dated 12 Sep 96

**That the Corporate Services and Economic Development Committee and Council approve the award of a contract for the supply of Ferrous chloride at the Robert O. Pickard Environmental Centre to Eaglebrook Environment, Mississauga, for a total contract provision of \$386,059 for the period of 15 October 1996 to 14 October 1997, with a provision to extend the contract two (2) additional 12 month periods subject to satisfactory performance and acceptable terms and conditions.**

CARRIED

5. **CAVE CREEK COLLECTOR REHABILITATION PROGRAM**  
**SEWER RELINING ARMSTRONG STREET TO SCOTT STREET**  
CONTRACT NO: CS-6129 - CONTRACT AWARD  
- Environment and Transportation Commissioner's report dated 09 Sep 96

The following individuals spoke to the Committee on this item.

*Mr. Ken Foster, Insituform Canada Ltd.*, stated he disagreed with the staff recommendation as he believed their tender was the only one that met the technical specifications. During Mr. Foster's presentation, the following specification requirements were reviewed:

1. The lining was to be designed on a fully deteriorated basis which meant the new liner had to be capable of withstanding all loads, such as soil, water and traffic.
2. The repair was to provide a water tight seal.
3. Any annulus between the relining and the existing pipe was to be completely grouted.
4. The maximum reduction in diameter for the 60 inch and 72 inch pipes was to be 3.5 inches.

Mr. Foster reviewed the proposal to be used by the recommended contractor, pointing out what he believed to be contrary to the specifications and weaknesses.

Mr. Foster then provided samples of the Danby and Rib Loc systems as referenced in the proposals and report. He stated staff had determined the Rib Loc system did not meet technical specifications, however, the Danby product did. Mr. Foster expressed concern with the Danby product being accepted when the two products were almost identical and suggested that if one was not acceptable, then the other should not be acceptable.

In summary, Mr. Foster referenced their own process, Insituform, and provided extensive background on the product and process. He stated their system would result in a successful project within the time frame. Mr. Foster acknowledged their tender was the more expensive, however, confirmed it would last the required 50 years. In addition, Mr. Foster stated Insituform was willing to provide a five year maintenance bond, rather than the one year bond requested.

Mr. Foster referenced an earlier phase of the Cave Creek sewer project, completed in 1989, in which Taggart Construction used the Danby product. He inquired if that system had recently been inspected and if samples of the composite structure have been tested. He did not believe the thin walled structures of Danby and Rib Loc would last the test of time. In closing, Mr. Foster urged the Committee to delay the award of the contract until further review was undertaken.

In response to a question from Chair Clark regarding joints, Mr. Foster confirmed the Insituform product was secured in place and was continuous to at least each manhole.

Councillor Bellemare referenced the pre-tender meetings and site meeting. Mr. Foster confirmed a representative of Insituform attended each. He added that after the site visit, his company requested clarification from the consultant on the design at which time they received an addendum which stated the design had to be on a fully deteriorated basis, which Insituform was.

*Mr. Ian Taggart and Mr. Rick Staples, Taggart Construction Limited.* Mr. Staples reported the Taggart Construction tender represented the low bid. He explained their tender originally offered two alternatives, but after meeting with Regional staff, they concentrated on the Rib Loc method.

Mr. Staples continued to explain that Rib Loc and Danby were identical products, with very subtle differences, and were the only two systems promoted world wide. He reviewed the two products and the process of installation, noting that Taggart Construction had previously completed major work with the product, including three projects for the Region. He referenced the earlier phase of the Cave Creek sewer installed in 1989 using Danby and stated the Region was satisfied with the product and its performance. Mr. Staples pointed out the 1989 project was a very difficult and demanding project and confirmed the same dedication would be provided to this contract.

Regarding the pre-tender meetings, Mr. Staples explained they did not receive the tender documents in time to schedule for the first meeting. With regard to the second meeting, he explained they had a scheduling conflict with other major projects they were bidding on. However, Mr. Staples confirmed they spoke to the engineer and also conducted their own site investigation to ensure they were aware of the condition of the sewer.

With regard to the unsuccessful projects in Toronto and Kingston where Rib Loc was used, as referenced in the report, Mr. Staples stated they suspected they were installed using a "machine wound" operation as opposed to the "man entry" operation. He confirmed the "man entry" operation would be used for this project.

In summary, Mr. Staples referenced Taggart's extensive experience in underground service work, in particular trenchless technology work and various relining and rehabilitation systems. He pointed out the difference between their low bid and the savings of \$270,000. Mr. Staples commented on the labour intensive work and stated they would use an estimated 6000 to 7000 man hours of local labour. In closing, Mr. Staples stated they were prepared to take whatever measure necessary to ensure a successful project.

Councillor Hume inquired if the Taggart proposal was designed on a fully deteriorated basis. Mr. Staples explained the product was a thin wall that was grouted into place and interlocked with the host pipe. He confirmed if it was properly grouted there was tremendous strength provided and prevention of further deterioration. With regard to the reduction in diameter with the liner, Mr. Staples confirmed they would meet the specifications.

Councillor van den Ham referenced the definition of a fully deteriorated basis. Mr. Staples stated their interpretation of the tender was that if they installed a product that prevented any further deterioration, then they met the intent of the specifications in that it would withstand all existing and future loads.

In response to a question from Chair Clark regarding the pre-tender meetings, Mr. Taggart confirmed they were unaware of the tender at its initial stage and unable to attend. He confirmed they do attend the meetings on a regular basis when bidding on projects, and pointed out they performed their own site investigation. Subject to a further question, Mr. Staples confirmed they proposed to use the same method used in 1989, that being man entry, and confirmed they did not complete the unsuccessful projects in Kingston and Toronto.

*Mr. Kevin Secord, Sewer-Matic Drain Services Ltd., Mr. Ian Doradee, Trenchless Design and Mr. George McKilbine, Danby of North America.* Mr. Secord stated Sewer-Matic Drain Services Ltd. was the second low bid and the contractor recommended for the project. Mr. Secord reviewed the company's history and experience in cleaning, inspection and pipe line rehabilitation services. He referenced six rehabilitation projects done for the Region, all of which were completed on time and on budget, and with substantial cost savings.

Mr. Secord reported the two keys to success on this project were (1) the quality of their staff and (2) the thoroughness of their tender preparation. He believed it was important that all interested contractors attend the mandatory site meeting and all tender specifications on quality and material should be met when bidding on a job.

With regard to the Sewer-Matic tender, Mr. Secord reviewed the two products proposed, the first being an In-liner which was similar to Insituform and secured in place, and secondly, the Danby process. Mr. Secord ensured the Committee the two products would meet the different conditions of the sewer pipe.

Mr. Doradee referenced the requirement for a fully deteriorated design. He stated he provided the certified engineering design for the bid and confirmed they took into account what the specification required and ensured the Sewer-Matic design did meet the requirements. Mr. Doradee also confirmed the Danby design and material met the specifications required.

Mr. McKilbine stated he did not know of a Rib Loc product that was installed on a pipe larger than 48 inches. With regard to structural capability, Mr. McKilbine referenced testing done which proved the systems proposed met the fully deteriorated specification.

J. Miller, Director, Environment Engineering, provided a diagram of the Cave Creek sewer. He explained there were eight different sections which varied in size from 42 to 60 inches. Speaking to the tender, Mr. Miller explained the specifications were designed to deal with different conditions found throughout the sewer. He explained the pre-tender meetings were required due to these different conditions. Mr. Miller also pointed out the tender was unique in that it requested the bidders propose the technology to be used. In closing, Mr. Miller explained staff and the consultant determined the Sewer-Matic proposal of on inline rehabilitation program for a certain area of the sewer and the Danby product for the remainder of the sewer were to be recommended.

Mr. Gerry Bauer, R.V Anderson Consultants, clarified the definition of a partially deteriorated system, as proposed by Taggart, was one that was only capable of withstanding external water pressures, not structural loads. He pointed out this provided no additional strength to the current structure. Mr. Bauer confirmed the definition of a fully deteriorated condition was not that the pipe had completely disappeared, but that there were pieces of concrete missing in the pipe which the liner must hold. Mr. Bauer confirmed that was defined in the technical specifications.

In response to a question from Councillor Hume regarding the proposals, Mr. Bauer stated the Taggart proposal was for a partially deteriorated pipe for the entire project. He noted both Sewer-Matic and Insituform considered and provided specifications and documentation showing they considered it as a fully deteriorated system.

Mr. Bauer confirmed Danby and Rib Loc were similar materials, however, pointed out the process of installation proposed by the contractors was different, thereby, creating the partial versus full deteriorated basis.

In response to a question from Councillor van den Ham regarding the 1989 project, Mr. Miller confirmed the Danby product was used, however, there were different specifications which related more to an infiltration problem. Mr. Miller added it had been inspected and there were no problems.

Councillor Hill referenced the one year guarantee and the age of the sewer. Mr. Miller confirmed the sewer was 60 to 70 years old and the relining design life was 50 years. Councillor Hill inquired why a five year guarantee was not requested. M. Sheflin, Environment and Transportation Commissioner, stated if the industry was willing to offer five years as a common, then it was an area staff would review.

The Committee then considered the staff recommendation.

**That the Corporate Services and Economic Development Committee and Council approve:**

- 1. The award of Contract CS-6129 to Sewer-Matic Drain Services Ltd., Gloucester, for the relining of the Cave Creek Collector Sewer from Armstrong Street to Scott Street, for a total contract provision of \$2,064,553.55;**
- 2. Funds in the amount of \$1,150,000 to be transferred from the Sewer Depreciation Reserve Fund to increase project authority for the Collector Sewers Rehabilitation Programme from \$2,335,000 to \$3,485,000.**

CARRIED

*TRANSPORTATION*

6. CYCLING FACILITIES ON RICHMOND ROAD  
POULIN AVENUE TO OTTAWA RIVER PARKWAY  
CONTRACT 96-536 - CONTRACT AWARD  
- Environment and Transportation Commissioner's report dated 05 Sep 96

**That the Corporate Services and Economic Development Committee and Council approve the award of Contract 96-536 for the construction of Cycling Facilities on Richmond Road, from Poulin Avenue to the Ottawa River Parkway, to Arnone Paving and Concrete Limited, Nepean, for a total contract provision of \$85,216.26.**

CARRIED

7. 160 LEES AVENUE  
CONSULTANT SERVICES - NEXT PHASE  
- Environment and Transportation Commissioner's report dated 09 Sep 96

Councillor van den Ham referenced an information memorandum dated 10 Sep 96 which provided information on the Environmental Management Plan and proposed remedial action. The Councillor referenced the placement of a vegetated cover to cap the site at the estimated cost of \$280,000. J. Miller, Director, Environment Engineering, stated the cap entailed the whole composite of the layer. D. Marett, Environment and Transportation, explained this action was not scheduled for the initial stage of the management plan, but would be carried out at some point in time to ensure the property could be used for recreational and other purposes. Councillor van den Ham compared the cost of the removal of the coal tar, understandably the highest, to the vegetated cover. Mr. Marett agreed to provide the size of the property and further information on the vegetated cover to Councillor van den Ham.

Councillor Hill expressed her objection to acquiring the property and expressed concern with the continual expenditures for the site. She stated she would not support the report.

Councillor Stewart referenced the construction of a cut off wall along the east property line as outlined in the remedial action plan. She further pointed out the report stated the adjacent property owners were now considering removal of the coal tar rather than containment. Councillor Stewart inquired if the adjacent owners decided to proceed with removal, would the \$250,000 cut off wall still be required. Mr. Marett reported negotiations were currently ongoing with the three property owners to co-ordinate the removal of all the coal tar. If successful, he confirmed the cut off wall would not be required representing a savings of \$250,000.



Councillor Loney inquired if the City of Ottawa approval had been confirmed. Mr. Marett reported a resolution was passed by the City Council to proceed with the work in co-operation with the Regional Municipality of Ottawa-Carleton.

**That the Corporate Services and Economic Development Committee and Council approve the next phase of Engineering Services for design and construction services for the 160 Lees Avenue Site Management Plan to Aqua Terre, Nepean, in the amount of \$76,000, bringing the revised total contract provision to \$100,000.**

CARRIED  
(B. Hill dissented)

8. HIGHWAY #417 WESTBOUND SHOULDER BUS LANE  
MOODIE DRIVE TO EAGLESON ROAD  
JEANNE D'ARC BOULEVARD WESTBOUND RAMP MODIFICATION  
- Environment and Transportation Commissioner's report dated 10 Sep 96

**That the Corporate Services and Economic Development Committee and Council approve:**

1. **The construction of the Highway 417 westbound shoulder bus lane from Moodie Drive to Eagleson Road and the construction of the widening of the Jeanne D'Arc Boulevard westbound on-ramp to Highway 17 at an estimated cost of \$1,577,600;**
2. **Entering into an agreement with the Ministry of Transportation of Ontario for the construction of the Highway 417 westbound shoulder bus lane and the Jeanne D'Arc Boulevard westbound ramp modification;**
3. **The transfer of funds in the amount of \$800,000 from Central Area Transitway Interim Improvements (942-30609) to Transit Priority Measures (942-30630).**

CARRIED

9. TRANSITWAY CAPITAL REHABILITATION PROGRAMME  
WEST TRANSITWAY -  
STORM SEWER BOX CULVERT - CONSULTANT APPOINTMENT  
- Environment and Transportation Commissioner's report dated 17 Sep 96

Councillor Hill expressed concern that the box culvert was only eleven years old and already required rehabilitation. The Councillor believed the time frame was too short and inquired if it was a element of poor engineering or poor construction.

J. Miller, Director, Environment Engineering, stated the culvert was in a very vulnerable location and was subject to extremities of salt and pressure from buses. He explained the investigation and inspections performed by the consultants would determine the cause and remedial action required. Councillor Hill expressed concern with continuing to use the same consultant that was involved in the original design.

Chair Clark pointed out there were numerous situations that required rehabilitation due to salt erosion on cement. He indicated the box culvert was similar to a bridge in which the vehicles drove directly on the culvert and it directly supported the transitway.

Mr. Miller informed the Committee that the industry recently developed an epoxy coated rebar which was now used and would assist in solving the problem of salt erosion and deterioration of structures. D. Marett, Environment and Transportation, pointed out the orientation of this structure was unique and very different from the structures found on an ordinary road. Mr. Miller reminded the Committee that the culvert was not to be replaced but restored prior to further deterioration which would result in replacement.

**That the Corporate Services and Economic Development Committee and Council approve the appointment of McCormick Rankin Associates Ltd., Ottawa, to undertake the inspections, condition surveys and design required for the proposed rehabilitation of the West Transitway Storm Sewer Box Culvert, for a total contract provision of \$82,925.**

CARRIED

10. WEST TRANSITWAY EXTENSION - SOUTHWEST  
TRANSITWAY TO ACRES ROAD - SCOPE CHANGE  
- Environment and Transportation Commissioner's report dated 29 Aug 96

Councillor Hill stated she would not waste the Committee's time in having staff provide an explanation, but expressed concern with the numerous scope changes and revised contracts that come forward. She wished to have staff aware of her concern and suggested the need to eliminate scope changes and revisions.

**That the Corporate Services and Economic Development Committee and Council approve a change in scope for McCormick Rankin and Associates Limited, Ottawa, for the functional design assignment for the West Transitway Extension from the Southwest Transitway to Acres Road, in the amount of \$70,000, for a revised total contract provision of \$1,370,000.**

CARRIED

#### HUMAN RESOURCES

11. PENSION SUPPLEMENTATION PROGRAM  
- Human Resources Commissioner's report dated 5 Sep 96

**That the Corporate Services and Economic Development Committee recommend Council approve the amendment to By-Law 54 of 1994 providing for the inclusion of the employees and officers of the Ottawa-Carleton Police Service in the Pension Supplementation Program of the Regional Municipality of Ottawa-Carleton.**

CARRIED

#### INFORMATION PREVIOUSLY DISTRIBUTED

#### HEALTH

1. Home Infusion Therapy Services  
- A/Medical Officer of Health's memorandum dated 16 Sep 96

REGIONAL CLERK

2. Record of Tender Openings for the Month of August 1996  
(As Per Corporate Policy Manual Section 4.6.6)  
- Regional Clerk's memorandum dated 20 Sep 96

IN CAMERA

Moved by R. van den Ham

**That the Corporate Services and Economic Development Committee move In Camera to receive a verbal briefing pursuant to Subsection 11(1)(d) "labour relations or employee negotiations", of the Procedure By-Law.**

CARRIED

Moved by R. van den Ham

**That the Corporate Services and Economic Development Committee move out of camera and resume open session.**

CARRIED

ADJOURNMENT

The meeting adjourned at 5:15 p.m.

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CO-ORDINATOR

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CHAIR