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YORK REGION TRANSIT INSTALLATION OF ON-BOARD SECURITY CAMERAS

The Transit Committee recommends the adoption of the recommendations contained in the following report, December 19, 2006, from the Commissioner of Transportation and Works:

1. RECOMMENDATIONS

It is recommended that:

1. The Region enter into an agreement with SEON Design Inc. for the supply and installation of on-board security cameras and associated systems on 150 York Region Transit buses, to an upset limit of \$573,439 (all taxes included).
2. The Region enter into a further agreement with SEON Design Inc. for the supply and installation of on-board security cameras and associated systems for the rest of the fleet in the amount of \$800,000 (all taxes included), on the same terms and conditions as the original contract, subject to approval of the 2007 Business Plan and Budget.
3. The Regional Chair and Regional Clerk be authorized to sign the above agreements subject to review by Legal Services.

2. PURPOSE

The purpose of this report is to seek Regional Council authorization to enter into a contract with SEON Design Inc. for the supply and installation of on-board security cameras and associated systems on 150 York Region Transit (YRT) buses.

The report also seeks Regional Council authorization to enter into a further agreement with SEON Design Inc. for the supply and installation of on-board security cameras and associated systems for the rest of the fleet, totalling approximately 210 buses.

3. BACKGROUND

Installation of security cameras on all YRT and Viva transit buses was approved in principle by Council on April 27, 2006. The primary purpose of an on-board security camera system is to improve driver and passenger safety and security. In addition, the system will aid in resolving fare related disputes, help investigate fraud and passenger complaints, and assist with the monitoring of contractor performance. Finally, it is felt that camera systems of this type also promote safe driving practices since one of the cameras will face forward toward oncoming traffic.

The proposal to install an on-board security camera system was reviewed by Legal Services and the Regional Clerk's Office and it is felt that privacy issues can be addressed by having stringent video handling procedures and proper on-board signage in place. YRT is working on creating such procedures and also on the design of decals which will be installed on all buses.

Four cameras are to be installed on forty-foot and smaller buses, and six cameras on the sixty-foot articulated Viva buses.

4. ANALYSIS AND OPTIONS

On July 24, 2006, YRT issued a Request for Proposals (RFP) for the supply and installation of on-board security cameras and associated systems. YRT intended selecting a proponent for the supply and installation of the system on an initial 150 buses. The RFP also made provision for the Region to exercise an option to install the system on the rest of the fleet of approximately 210 buses. The selection of the preferred proponent was based on a comprehensive evaluation of the proponents' compliance with the Region's functional requirements, technical qualifications, experience on other similar projects, and technical and financial capabilities. The evaluation also included an interview process where the proponents were required to demonstrate the performance of their proposed system. The objective of the evaluation process was to determine which proposal provided the best overall value to the Region in terms of functional, technical and financial aspects.

Twenty-eight firms bought the RFP documents and eleven responses were received by August 25, 2006, the closing date.

The proponents were required to submit their technical and financial proposals in separate envelopes. Financial proposals were opened only for the proponents who scored a minimum of 60% of the assigned points for their technical and management proposal.

The following proponents submitted proposals:

- Chubb Security
- DBS Security
- Integrian
- March Networks
- Radio Engineering
- Safety Vision
- SEON Design
- Siemens
- Stanley Security

- Visual Defence
- RJA Global

4.1 Technical and Management Proposal

The proponents were requested to submit their technical and management proposals describing their compliance with the Region's functional requirements, technical qualifications, previous work experience on other similar projects, and financial capabilities. The technical and management proposals were evaluated by an evaluation panel consisting of YRT staff and consultants, and the Region's Supplies and Services branch. The following predetermined criteria were used for the evaluation:

- Corporate and financial viability of the proponent and its subcontractors/business partners (2 points).
- Qualifications and experience of the proponent and its proposed subcontractors/business partners in delivering systems of comparable size, scope and purpose (5 points).
- Information obtained from references identified by the proponent and identified by the Region through its own initiative (3 points).
- General responsiveness of the proposal in terms of clarity, completeness, and comprehensiveness of information presented therein (4 points).
- Proponent's understanding of the Region's requirements and key objectives with respect to the establishment and operation of the YRT on-board security camera system (7 points).
- Suitability of proponent's equipment and methodology to meet the Region's requirements (7 points).
- Proponent's commitment of adequate resources, key senior personnel and available back-up support staff to fulfill its responsibilities and warranty requirements (3 points).
- Proponent's ability to comply with the Region's timeline to commence operations of the YRT on-board security camera system (3 points).
- Adequacy of proponent's quality management processes and its processes to ensure the integrity of confidential and personal information (4 points).
- Degree of technical and commercial innovation evident in the proponent's proposal (1 point).
- Degree of creativity evident in the proponent's proposal (1 point).

Total = 40 points

The following three technical and management proposals scored more than 24 points (60% of total 40 points), the minimum score required for moving on to the next stage, interview:

- March Networks
- SEON Design

- RJA Global

4.2 Interview

The three proponents short-listed after the technical and management evaluation were invited for an interview and to demonstrate their proposed system. The following predetermined criteria were used for the evaluation of the interview and the proposed systems:

- General level of professional quality and effectiveness of the proponent's approach to the presentation and materials, presence and qualification of project manager (3 points).
- Demonstrated understanding of the terms of reference (1 point).
- Demonstrated ability to respond to questions in a clear, concise and accurate manner (2 points).
- Quality and performance of the proposed system, further subdivided into separate criteria (14 points).

Total = 20 points

4.3 Financial Proposal

The financial proposals were evaluated based on the total cost quoted by the proponents in the financial proposal form. A predetermined weight of 40 points (out of 100) was used for the evaluation of financial proposals. The lowest financial proposal was awarded 40 points and other financial proposals were scored proportionately comparing it to the lowest proposal.

4.4 Summary of Evaluation

Table 1 provides a brief summary of the results of technical and management, interview and financial evaluations.

Table 1
Proposal Evaluation Results

Proponents	Technical and Management Proposal Score	Interview Score	Financial Proposal Estimated Cost	Financial Proposal Score	Total Score	Relative Standing
March Networks	29.4	17.0	\$1,778,491	12.9	59.3	3
SEON Design	29.0	15.6	\$573,439	40	84.6	1
RJA Global	31.9	15.7	\$993,804	23.1	70.6	2

SEON Design is the selected proponent.

4.5 Relationship to Vision 2026

Installation of on-board security cameras and associated systems is supportive of the Vision 2026 goal to "... have effective, efficient and environmentally sensitive transportation, waste management and water systems", and the action areas around that goal, including "developing an integrated transportation network " and "making transit accessible".

5. FINANCIAL IMPLICATIONS

The cost for the supply and installation of on-board security cameras and associated systems on 150 buses is \$573,439.4 (all taxes included). This works out to a cost of approximately \$3,800 per bus, which compares favourably to the original estimate of between \$5,000 and \$8,000 per bus.

Sufficient capital and operating funding is contained in the 2006 Business Plan and Budget to complete installation on 150 buses. Costs associated with the supply and installation of on-board security cameras and associated systems on the remaining 210 buses is estimated at \$800,000 (all taxes included) and is subject to the approval of 2007 Business Plan and Budget.

In early 2006, the federal government announced a pool of funds for transit specific security projects. This funding was specifically earmarked for capital projects. During the application process it was discovered that York Region Transit was not eligible for any of this funding. This first round of funding was awarded to the larger urban markets deemed to be at higher risk such as Vancouver, Calgary, Toronto, Ottawa and Montreal.

During the second round of announcements, the federal government has provided some additional funding for transit specific security projects, and York Region Transit is eligible for this funding. This funding, approximately \$150,000, cannot be spent on any capital projects. However, it can be spent for the development of Threat Risk Assessments, security and response/recovery plans, security management systems, and other security protocols.

Based on the information available so far, the third round of funding will only include the larger urban transit systems identified during the first round.

The fourth round of funding is still tentative and, if available, may include the projects identified based on the threat risk assessment studies conducted through the funding from the second round. This funding, if available, could be used for other security projects such as security cameras at terminals and stops.

6. LOCAL MUNICIPAL IMPACT

Passengers will feel an enhanced sense of security with the presence of security cameras. A reduction in false injury claims can also be expected as a result of the cameras.

7. CONCLUSION

It is recommended that the contract for the supply and installation of on-board security cameras and associated systems be awarded to SEON Design Inc., to an upset limit of \$573,439.4 (all taxes included).

It is also recommended that Council authorize a further agreement with SEON Design Inc. for the supply and installation of on-board security cameras and associated systems for the rest of the fleet in the amount of \$800,000 (all taxes included) subject to the approval of 2007 Business Plan and Budget.

It is also concluded that the privacy issues can be addressed by having stringent video handling procedures and proper on-board signage on place.

For more information on this report contact Rajeev Roy, Manager, Transit Management Systems (Ext. 5682), of the Transit Branch in the Transportation and Works Department.

Senior Management Group has reviewed this report.