



INFRASTRUCTURE SERVICES COMMITTEE

Thursday, May 13, 2021

Held Electronically in Accordance with Ministerial Order M192
and Transmitted via the SCRD Boardroom, 1975 Field Road,
Sechelt, B.C.

AMENDED AGENDA

CALL TO ORDER 9:30 a.m.

AGENDA

1. Adoption of Agenda

PRESENTATIONS AND DELEGATIONS

2. Susan Rybar and Johan Stroman, Sustainable Sunshine Coast
Regarding Sustainability Campaign for Visitors and Tourism
Industry on the Sunshine Coast Verbal
3. Chuck Gould ⇨ **ADD**
Regarding 2015 SCRD Intervention on Lower Selma Park Road **pp 1 a**

REPORTS

4. Regional Diversion – Annual Update Annex A
General Manager, Infrastructure Services / pp 1 - 14
Manager, Solid Waste Services
Regional Solid Waste (Voting – All)
5. Future of SCRD Drywall Recycling Program Annex B
General Manager, Infrastructure Services / pp 15 - 19
Manager, Solid Waste Services
Regional Solid Waste (Voting – All)
6. Tipping Fee Updates at SCRD Solid Waste Facilities Annex C
Manager, Solid Waste Services pp 20 - 23
Regional Solid Waste (Voting – All)
7. Town of Gibsons Operation of South Coast Green Waste Drop-off Annex D
Depot - Update pp 24 - 26
Manager, Solid Waste Services
Regional Solid Waste (Voting – All)
8. ⇨ **ADD** Engineering Services for the Detailed Design of the ⇨ **ADD**
Sechelt Landfill Public Drop-off Area and Construction Oversight **pp 26 a – b**
Contract - Update
Manager, Solid Waste Services
Regional Solid Waste (Voting – All)

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| 9. Evaluation of Implementation of Transit Future Plan
Manager, Transit and Fleet
(Voting – B, D, E, F, Gibsons, Sechelt, SIGD) | Annex E
pp 27 - 30 |
| 10. Water Supply Update
General Manager, Infrastructure Services | Verbal |
| 11. WASAC's Reports: Water Supply Planning Questions
Manager, Strategic Initiatives
Regional Water (Voting – A, B, D, E, F and Sechelt) | Annex F
pp 31 - 45 |
| 12. Water Supply Advisory Committee Meeting Minutes of
April 12, 2021
Regional Water (Voting – A, B, D, E, F and Sechelt) | Annex G
pp 46 - 48 |
| 13. Transportation Advisory Committee Meeting Minutes of
April 15, 2021
(Voting – All) | Annex H
pp 49 - 52 |
| 14. Solid Waste Management Plan Monitoring Advisory Committee
Meeting Minutes of April 20, 2021
Regional Solid Waste (Voting – All) | Annex I
pp 53 - 54 |
| 15. Water Supply Advisory Committee Meeting Minutes of
May 3, 2021
Regional Water (Voting – A, B, D, E, F and Sechelt) | Annex J
pp 55 - 57 |

COMMUNICATIONS

- | | |
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| 16. Metro Vancouver Board and Zero Waste Committee dated
April 28, 2021 regarding engagement on Metro Vancouver's Solid
Waste Management Plan Update | Annex K
pp 58 - 59 |
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NEW BUSINESS

IN CAMERA

⇒ADD That the public be excluded from attendance at the meeting in accordance with Section 90 (1) (k) and (2) (b) of the *Community Charter* – “negotiations and related discussion respecting the proposed provision of a municipal service that are at their preliminary stages and that, in the view of the council, could reasonably be expected to harm the interests of the municipality if they were held in public” and “the consideration of information received and held in confidence relating to negotiations between the municipality and a provincial government or the federal government or both, or between a provincial government or the federal government or both and a third party”.

ADJOURNMENT

2015 SCR D INTERVENTION LOWER SELMA PARK ROAD

Why were water meters installed in homes on Lower Selma Park Road? Water was running through my neighbour's yard and crawl spaces were filling with water in August, when it hadn't rained in 40 days. Water meters prevented further catastrophe, property damage and mould, and avoided wasted drinking water in one SCR D neighbourhood.

Here's what happened:

- Residents had approached the District of Sechelt and the SCR D about increasing amounts of water that were damaging properties and septic fields in the area.
- SCR D staff and DOS Mayor Milne visited the area several times during the summer.
- I used pumps to remove the water flooding my crawl space. Some of us thought the problem was caused by aquifers, but we needed more information.
- The SCR D installed water meters at the 9 properties on Lower Selma Park Road and along the highway, which revealed 6 homes had water leaks, ranging in severity.
- Over the following months, property owners repaired and sometimes replaced entire old pipes. After the repairs, the water meter data showed substantial reductions in water use, and the visible flowing water on the road and in crawl spaces disappeared.
- As a result of the leaks, we saw property damage and bank erosion. My septic field had flooded and replaced. Water in crawl spaces can cause mould and affect human health.
- If a home with a leak can lose a million litres a year, then 6 homes add up to 6 million litres of water. Without water meters, these homes could have wasted 36 million litres since 2015 if unaddressed.

SCR D staff were able to find leaks and in some cases pinpoint the leak within 3 meters. In one case, a homeowner was able to repair and not replace the line because the SCR D located the leak, while other residents replaced older pipes that were likely to fail again.

The potential water loss across the region is not well understood. Water meters are not just a personal inconvenience or an additional cost. Without infrastructure and planning, there is no way to detect these issues within our water system.

6 HOMES = 6 MILLION LITRES OF WATER LOST EACH YEAR. ALMOST 70% OF THE HOMES ON LOWER SELMA PARK ROAD HAD A LEAK.

At this time, all homes in Lower Selma Park follow SCR D bylaws requiring home owners to maintain water lines on private property. We as a community, with assistance from the SCR D, solved a huge problem, though there could be many homes in region without meters that could still be leaking.

Chuck Gould
5415 Selma Park Road

SUNSHINE COAST REGIONAL DISTRICT STAFF REPORT

TO: Infrastructure Services Committee – May 13, 2021

AUTHOR: Robyn Cooper, Manager, Solid Waste Services

SUBJECT: **ENGINEERING SERVICES FOR THE DETAILED DESIGN OF THE SECHELT LANDFILL PUBLIC DROP-OFF AREA AND CONSTRUCTION OVERSIGHT CONTRACT – UPDATE**

RECOMMENDATION(S)

THAT the report titled Engineering Services for the Detailed Design of the Sechelt Landfill Public Drop-off Area and Construction Oversight Contract - Update be received;

AND THAT the contract with XCG Consulting Limited for the detailed design of the Sechelt Landfill public drop-off area and construction oversight services be increased by \$17,000 to \$133,600 (excluding GST);

AND THAT the delegated authorities be authorized to execute the contract;

AND FURTHER THAT these recommendations be brought to the May 13, 2021 Board meeting.

BACKGROUND

Currently, the SCRD has a contract with XCG Consulting Limited (XCG) to provide the detailed design of the Sechelt Landfill public drop-off area and construction oversight for the remediation and construction project (070/21).

Concurrently with the construction project, the power system at the Sechelt Landfill needs to be evaluated to determine current and future needs and costing options to continue off-grid vs on grid given the power system has failed and the site is being run entirely on generators as an interim measure. This project was approved as part of the 2021 budget process (068/21 No. 35).

The purpose of this report is administrative; to amend the SCRD's contract with XCG to include an assessment of the power needs for the Sechelt Landfill to help inform the construction project as well as to develop the options for the long-term power needs of the site.

DISCUSSION

Conducting the power needs assessment for the Sechelt Landfill concurrently with the construction project ensures that the electrical infrastructure installed during construction is appropriate for the current and future needs. A concurrent approach is the most cost-effective when compared to conducting this work post-construction.

However, to capitalize on potential cost-savings, this work must be initiated soon as construction is slated to begin in the coming weeks. As well, cost-savings can be realized if the assessment work is being completed by those who are overseeing the project.

Financial Implications

XCG has proposed to complete the power needs assessment at a cost of \$17,000.

The Sechelt Landfill power project has an approved 2021 budget of \$125,000. The \$17,000 toward engineering will be funded from the project budget.

The updated contract value of \$133,600 exceeds the approved funding by \$17,000 and as the total contract value is over \$100,000, such contract amendment requires Board approval.

However, the contract increase does not require an amendment to the 2021-2025 Financial Plan as this proposed work is within the approved budget.

Timeline for next steps

Following Board adoption, staff will prepare an amended contract for signing by the delegated authorities.

The results of the power assessment will be brought forward to a Committee in Q3 2021.

STRATEGIC PLAN AND RELATED POLICIES

n/a

CONCLUSION

The purpose of this report is administrative in order to amend the SCRD’s contract with XCG to include an assessment of the power needs for the Sechelt Landfill to help inform the construction project as well as to develop the options for the long-term power needs of the site. The updated contract value is \$133,600 (excluding GST). No Financial Plan amendment is required as this is within approved budget.

Reviewed by:			
Manager		Finance	X-T. Perreault
GM	X – R. Rosenboom	Legislative	
CAO	X – D. McKinley	Purchasing	X– V. Cropp