



Belfast City Council

Report to: Strategic Policy and Resources Committee

Subject: **Dargan Road Landfill Closure Plan – Planned Future Works**

Date: 21st August, 2009

Reporting Officer: Gerry Millar, Director of Improvement, Ext: 6217

Contact Officer: Michael Stanley, Capital Programme Manager, Ext: 3483

Relevant Background Information

The North Foreshore Closure Plan to discharge the Council's statutory responsibilities in respect of the former landfill site at Dargan Road includes

- a) the execution of capping works to contain landfill gas discharge,
- b) installation of landfill gas extraction and collection wells and pipework (from which the gas is delivered as fuel for the Council's electricity generation facility now on the site)
- c) associated civil engineering works.

These works are carried out in various sections of the site under a planned, rolling programme of separate contracts with Phase "I" of the capping works and Phase 6 of the gas extraction and collection installations currently underway.

Key Issues

For previous phases numerous reports have been presented to Committee for approval on an individual contract by contract basis; however, as the content of each contract is decided on civil engineering technical assessments within the overall programmed area, it is considered that it would be more appropriate for a report to be presented on an annual basis seeking broad approval to proceed to tender for the planned programme of works for the coming year.

Further phases of work are planned for progression following completion of the current phases, beginning in the autumn with Phase J Capping and Phase 7 Gas Extraction and Collection which need to proceed to tender now. Some drainage and gas migration prevention works, required to maintain the integrity of the capping, will also be required.

Contracts will be awarded for each tender on the basis of the most economically advantageous offer in terms of cost and quality in accordance with BCC's procurement procedures.

Resource Implications

The Capital Programme includes the North Foreshore Closure Plan as a *Committed* project and allowances of £5,550,000 and £6,000,000 have been made for planned capital expenditure during the 2009/10 and 10/11 financial years:

Recommendations

It is recommended that the Committee approves the invitation of tenders for:

- a) the execution of capping works to contain landfill gas discharge;
- b) installation of landfill gas extraction and collection wells and pipework (from which the gas is delivered as fuel for the Council's electricity generation facility now on the site); and
- c) associated civil engineering works;

over the next year, as necessitated by statutory and civil engineering requirements to discharge the Council's obligations.

Decision Tracking

It is anticipated that tenders for the various works set out above will be invited to a phased programme based on advice from the Council's civil engineering advisers for the Closure Works over the next year.