

Technical specification

The objective of the procurement process is to achieve an agreement concerning the bottom ashes at TKV facility. The bottom ash is classified as 19 01 12 or *19 01 11 according to the European List of Waste (EAL).

The agreement will cover transportation, receiving, sorting, final processing and disposal of the ash in compliance with relevant laws and regulations.

There are two options for transportation and loading of the ashes from TKV facility (Breivika Industriveg 1, N-6018 Ålesund, Norway). The Contractor must consider both options in the price matrix.

In 2022 there were 13477 tons delivered from TKV facility and approximately 60 tons transported out each working day. This tonnage is not to be considered as a commitment for future deliveries.

The following requirements are made:

Requirement:	
Technical	<ul style="list-style-type: none">• Environmentally correct processing of bottom ash according to Norwegian waste regulation "Avfallsforskriften"• Total share of the ash to be reused: minimum 55%• Minimum requirement for recycling of metal parts: 10 % metal• Magnetic and non-magnetic metal parts larger than 0,5mm to be removed from ash.
Environment and sustainability	<ul style="list-style-type: none">• Minimize transport and/or use transport low carbon emission solution<ul style="list-style-type: none">• Calculated carbon emission for transport from TKV facility on one fully loaded trip• Documented focus on sustainable business practice
Transportation of bottom ash from TKV facility	<ul style="list-style-type: none">• Transport must be done during all weather conditions• Preferred language Norwegian or Scandinavian, English can be accepted.• Flexible transport according to the volume of ash to be transported each day/month/year due to limited of storage at TKV.
Testing and reports	<ul style="list-style-type: none">• Be familiar and comply with applicable Norwegian legislation.• Only accredited test institutes accepted.• Reporting to the Norwegian authorities according to legislation (e.g Norwegian waste regulation "Avfallsforskriften").• Annual testing of bottom ash using the parameters listed in the Norwegian waste regulation "Avfallsforskriften" chapters 9 – 10.• Monthly and annual report with the breakdown of magnetic and non-magnetic metal sorted out from the ash delivered.• Annual report on leaching tests from accredited test institutes.• The cost of testing and reports must be covered by the Contractor.• All test results to be reported back to TKV.