1 General

This appendix describes general EHS rules, requirements and information applicable to all activities related with Fortum Oslo Varme, hereafter referred to as the Purchaser.

The Contractor shall comply with Purchaser's EHS requirements as specified in this document.

The Contractor shall plan and carry out follow-up activities to ensure fulfilment of the requirements. The Purchaser is entitled to carry out audits and other monitoring activities to ensure that the Contractor's management is according to requirements.

The Contractor’s efforts to adhere to the requirements is included in the purchase price.

1.1 Contractual relationship

The Purchaser has a contract only with the Contractor. Personnel employed by the Contractor or its subcontractors have no employment relationship with the Purchaser.

If the Contractor engages contractual assistants (subcontractors, consultants, etc.) to perform tasks, the Contractor is fully responsible for this personnel, as well as execution of these tasks.

If required by the Purchaser, the Contractor shall be able to document their own and subcontractors terms of employment.

If the Contractor or subcontractors do not abide with regulatory requirements, the Purchaser has the right to terminate the work and, if necessary, terminate the contract. The Contactor then forfeits any right to financial compensation.

The requirements given with respect to working hours, minimum wage and EHS, also apply to foreign employees. The Contractor shall ensure that his subcontractor complies with these requirements. If the Contractor or his subcontractor hires a foreign employee to perform work at the Purchaser’s place of work, the Contractor shall be able to document that there is a valid work permit.

The Contractor and subcontractor shall provide statutory occupational health and accident insurance for their employees.

1.2 SHA plan and EHS plan

In cases where the work is covered by the Construction client regulations, Purchaser (Construction Client) is responsible for the preparation of the plan for safety, health and working environment (SHA plan). The plan will ensure that safety, health and working environment are ensured in all phases of the project. The Purchaser appoints the coordinator for project preparation phase (KP) and the coordinator for execution phase (KU). The SHA plan is prepared by the Purchaser.

The Contractor shall prepare an EHS plan adapted to the nature and extent of the project based on the SHA plan. The EHS plan shall be sent to the Purchaser 2 weeks

prior to start-up. The plan shall at minimum describe the following; organization, risk assessments and handing, first aid equipment, protective equipment, instructions, fire protection, emergency preparedness, notification procedures and deviation handling.

The Contractor is responsible for communicating the Purchaser's SHA plan and own EHS plan to its personnel and subcontractors. The plans and central EHS information and shall be available at the workplace at start-up and shall be displayed on EHS boards where available.

1.3 Coordination of EHS work

The Purchaser is responsible for ensuring that the safety at the workplace is coordinated.

The Contractor is responsible for its own risk management, work planning and execution of activities.

The Contractor shall ensure compliance with current EHS requirements and regulations, both for its own personnel and subcontractors.

Contractor is responsible to perform EHS supervision to ensure safe execution of the work.

The Purchaser has the right to evaluate whether the planning sets an acceptable EHS level. The Purchaser has the right to stop dangerous working operations at the workplace.

The Contractor shall appoint a EHS responsible at the workplace and is obliged to participate in the Purchaser's safety activities.

Deviations in connection with events, safety inspections or other follow-up activities shall be documented. The Contractor is obliged to identify and implement corrective measures.

1.4 Competence and training

The Contractor shall use only personnel who have the competence, skills and experience required for the scope of the assignment. For high risk works supervisor/foreman shall have 3 years of verified experience. A list of personnel to be used on the assignment shall be sent to the Principal before commencing work.

The Purchaser requires that personnel has completed EHS E- learning prior work startup. Training is carried out at www.fortum.no/eksterne.

1.5 Reporting and incident handling

Incidents, i.e. incidents and conditions that have our could have resulted in personal injurie, or damage to environment, materiel or reputation shall be reported to the Purchaser. Unsafe conditions, unsafe actions and improvement proposals shall also be reported. This is done using a deviation/improvement form.

Contractor shall, without delay, report serious incidents (medical treatment, lost work day incident, chemical released to ground, water, fire and explosions and such) and serious near misses to Purchaser.

The Contractor is responsible for following up the agreed actions from the deviation handling.

1.6 Sanctions of EHS deviations

Severity of any violation of applicable EHS requirements are assessed in relation to potential and actual consequence:

- Minor deviations will result in guidance, verbal notification and written notice to the Contractor.
- Major deviations where there is a clear breach of EHS requirements and where safety is compromised will result in formal notice to the Contractor and possible expulsion of personnel.
- Serious deviations that endanger life and health, as well as repeated breaches of EHS requirements, may result in personnel being expelled from the workplace and possible consequence of Contractor's contractual relationship.

1.7 Vaccination

It is important that personnel engaged for work in direct contact with sewage or waste are offered vaccines to prevent infection from certain serious diseases.

The risk of infection is related to direct contact with sewage at Skøyen Heating Central and direct contact with waste (the fuel) at the waste incineration plants at Haraldrud and Klemetsrud.

The Principal has concluded that personnel working in these areas should be offered vaccines to reduce infection risk. The supplier shall take responsibility for the vaccination of his personnel. It is recommended that the offer for vaccination is written and that it is documented when such offers are given. It is voluntary for personnel to accept the offer for vaccination, but it is recommended that the employer receives any rejection in writing.

The following vaccines are recommended from the corporate health service:

- Boostrix Polio against Tetanus, Diphtheria, Pertussis, Poliomyelitis)
- Twinrix (three doses for life protection) against Hepatitis A, Hepatitis B

2 Workplace safety

2.1 ID cards and access

Contractor's personnel shall carry visible identification. For construction work and cleaning work, personnel shall have a valid EHS card.

The Contractor only has access to the areas and workplaces associated with their work.

Emergencies shall be handled according to emergency preparedness instructions at the workplace.

2.2 Personal protective equipment

The Contractor shall have proper personal protective equipment available to all workers.

The Purchaser's minimum requirements for the use of personal protective equipment are:

- Helmet with chinstrap (acc. NS- EN 397)
- Safety glasses (acc. NS- EN 166)
- Safety shoes (acc. NS- EN ISO 20345, class S1P or S3)
- Hi- visibility work clothing (acc. NS- EN ISO 20471 or 2)
- Ear protection (acc. NS- EN 352) when noise level>85 dB
- Safety gloves (acc. NS-EN ISO 21420)
- Fire- retardant work clothing with long trousers and long sleeves (acc. NS- EN ISO 11612 (A1, B1, C1))

Contractor's name / logo shall be printed, clearly visible and legible, on the workwear.

The Contractor may be allowed deviations from requirements as a result from a documented risk assessment, approved by the Purchaser.

The Contractor shall use other personal protective equipment in connection with high-risk work and where the risk situations imply so.

2.3 Work permit (WP) and safe job analysis (SJA)

Work in process plants and on construction engineering installations owned by the Purchaser always requires written work permits. The Purchaser has own forms and procedures for work permits.

In the case of high-risk work, the Contractor must carry out safe-job analysis (SJA) if the Contractor's internal control system does not takes account of the risk of the operation. High-risk work shall only be carried out by personnel with approved training. The proper form for such analysis has been prepared by the Purchaser. The SJA shall be prepared by the Contractor and the Purchaser shall be given the opportunity to participate.

The following are defined as high risk work:

- Work with high voltage equipment
- Work in confined spaces
- Excavation work at danger of cave- in
- Works at heights
- Heavy lift and lifting of personnel

- Hot work
- Work on pressurized equipment
- EX work
- Work with hazardous chemicals

2.4 Waste handling

The Contractor is responsible for proper sorting of own waste.

Hazardous waste shall be secured to prevent emissions.

2.5 Communication

The Contractor shall at least have one contact person who communicates well in Nordic language - Norwegian / Swedish / Danish - or English per working team. The person shall be present at the facility / workplace during work.

2.6 Other conditions

Tools, machinery and equipment used by the Contractor at the workplace shall be in accordance with regulatory requirements. The Contractor is responsible for the necessary training of personnel in use, maintenance, inspection and approval of tools, machinery and equipment.

Warning signs, fences and covers shall be used to protect ongoing work, personnel and 3rd party.

Holes, openings and excavations shall be covered or secured against falls.

The Workplace shall appear as tidy and clear.

The Purchaser has zero tolerance for the use and effects of alcohol and drugs.

2.7 Specific requirements to workplace

Any requirements that are specific to the workplace and / or work operation are described in the attachment(s) to this document.

It is required that local procedures for the facility and the work site at all time will be respected.

Reference is made to the document "Appendix to HSE requirements for Contractors" which describes requirements for high-risk work.