CNGS Dismantling Project
Cost Estimate: Framework Contract of Dismantling, Decontamination, Cleaning and Renovation

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Cost Estimate

• **Phase 1:** 125,000 CHF

• Preparation of the work area (SAS) in TCC4.
• Treatment of all shielding blocks before transfer to a surface building.
  • 10 blocks/day – approximately 400 blocks:
    • Cleaning (Vacuum cleaner);
    • Conditioning (Vinyl).
• Treatment of the Horn + Reflector before transfer.
  • Cleaning (Process to be defined);
  • Packaging (Vinyl).
Cost Estimate

- **Phase 2**: 525,000 CHF

- **Dismantling of the Helium Tanks**:
  - Cutting in 2 parts - Dimensions will be defined with RP according to the activation of each tank;
  - Cutting process should be defined: Estimate made with cold cutting process (saw) **much slower** than a hot point process (plasma).
  - Cleaning;
  - Packaging before transfer in surface building.

- **Dismantling of all supports and equipment remaining in the area**:
  - Dismantling;
  - Cleaning;
  - Packaging before transfer in surface building.

- **Sanitation of the area (Floor, walls and Vault) by aspiration process**
Cost Estimate

• **Phase 3:** No Estimate

  • Renovation of shielding blocks in surface building:
    • A decision will have to be made about the number of blocks to be treated;
    • The renovation process must be defined according to the needs and the condition of each block.

• **Further information:**
  • All EPIs will be provided by the contractor:
    • Tivek
    • “Sur-Chaussure”
    • Gloves
    • Masks, etc…
  • The processing of waste will be carried out by the contractor: Conditioning and TREC Request.
Thank You