



21st.BIO's pilot plant facility

Price example for a complex project
1200L bioreactor, 4-day fermentation – EUR 95,409

Activities:

- **Standard tech transfer:** well-described process with previous pilot run
- **Media preparation:** excl. raw materials
- **Bioreactor setup:** sterilization, media fill, pre-inoculation sequences
- **Seed train in bioreactor:** 30L fermenter, batch process incl. sampling
- **Fermentation, 1200L:** 4-day fermentation, sampling (3/day), dry cell weight measurements
- **Cleaning and inactivation of fermentation tank**
- **DSP, 3 days:** can include biomass removal (filtration, centrifugation), liquid concentration, filling and packing, or other downstream processes, per request
- **Documentation and reporting:** trial data, flow diagram of process, batch logs as a report

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