# SERVICE L.DREUX SANOFI COMPIEGNE NOVEMBER 2018/FEBRUARY 2021 A FOLLOW-UP OF 2.870K€.

# MAINTENANCE DEPARTMENT

### RENOVATION D'UN ATELER DE PRODUCTION (6000L). 85K€

- ✓ Renovation of wall and ceiling coverings in a production room.
- ✓ Renovation of walls to enable ACROVYN and KOMACEL coatings to be bonded.
- ✓ Installation of custom stainless steel mechanical protection.
- ✓ Replacement of computerized control cabinets.

### DESILTING OF A PROCESS SLUDGE EVACUATION NETWORK. 23K€

✓ Safeguarding of the foot of the falls to cure a complete 3-storey process sludge evacuation network.

# IMPLEMENTATION OF A NETWORK OF WIFI TERMINALS ON A 3-FLOOR BUILDING IN THE PRODUCTION AREA. 79K€

✓ Site supervision for the installation of 125 wifi terminals in the production area and in operation.

## CREATION OF A NEW 25M2 FOOD SUP BIS LABORATORY. 27K€

- ✓ Implementation of a new laboratory area.
- ✓ Modification HVAC, electricity, bench partitions.
- ✓ Measurements before modification for balancing and qualification file.

# **DEVIATION FOLLOW-UP. 36K€**

✓ In charge of technical capa to close requests as quickly as possible.

# **BUILDING SERVICE**

## INSTALLATION OF A NEW INVERTER FOR INDUSTRIAL DEVELOPMENT (DI). 20K€

- ✓ Follow-up of recommendations, negotiations and implementation of the new UPS.
- ✓ Management of consignments and weekend interventions.
- ✓ Tests and gradual start-up.

# DEPLOYMENT OF A NEW LABORATORY COMPUTER NETWORK (DI). 90K€

✓ Deployment of 130 rj45 points in the laboratory area..

# MODERNIZATION OF HANDLING STATIONS FOR LABEL REELS AND BULK TABLET BIG BAGS (SANOFI COMPIEGNE 160K€

- ✓ Removal of two floor-mounted handling structures with short reach.
- ✓ Study, creation of a gantry for new suspended handling arms, and order for new manipulators.
- Deployment on a 60m2 surface for the gripper, and 30m2 for the big-bag. (Tripling of handling capacity).
- ✓ Follow-up of switch installations and validation of new installations.

# PROJECT FOR A NEW MIXING AND SCREENING PLANT. 960K€ (510K€ FOR IBUILDING AND 450K€ FOR EQUIPMENT)

 Feasibility study to create a new area and install a new container mixer and screening unit on the second floor of building 26.

### PROJECT FOLLOW-UP FOR NEW TURBINE INSTALLATION. 2.300K€ (780K€ FOR MY INFRA BUILIDING UTILITIES

Follow-up of studies and bids, choice of service providers, site supervision (partly during confinement), work supervision and acceptance of batches for pharma partitions, CFA/CFO electricity, dissipative resin, air treatment, piping, framework, cladding.

#### DEFINITION OF THE STANDARD FOR THE NEW REMOVABLE CEILING IN THE PRODUCTION AREA. 155K€

✓ Proposal of different options, and final choice, then deployment by zone (turbine compression, mini factory, equipment locker) and according to production availability, including replacement of light fittings and cleaning of false ceilings of unnecessary equipment.

# **CREATION OF A NEW FOODSUP TER LABORATORY. 165K**

Removal of old installations, and installation of new partitions, reworking of floors with the addition of drains and slope forms, reworking of existing HVAC, and fitting out plus electricity..

# RENOVATION OF A PRODUCTION ATELER (1200L).145K€

- ✓ Renovation of wall and ceiling coverings in a production room.
- ✓ Renovation of walls to enable ACROVYN and KOMACEL coatings to be bonded.
- ✓ Installation of stainless steel mechanical protections.
- ✓ Replacement of computerized control cabinets.

## RENOVATION OF A PRODUCTION ATELER (2000L).145K€

- ✓ Renovation of wall and ceiling coverings in a production room.
- ✓ Renovation of walls to enable ACROVYN and KOMACEL coatings to be bonded.
- ✓ Installation of stainless steel mechanical protections.
- ✓ Replacement of computerized control cabinets.

### FEASIBILITY STUDY FOR CONVEYOR CONTROL MODERNIZATION ON AUTOMATIC WEIGHING

Initial status, management of 11 weighing lines by computer via a coordinator (6 out of service). Study of new architecture via a separate Lan network, and implementation of line-by-line management via autonomous PLCs and supervision.

Proposal to set up a "pilot" line to carry out all tests and ensure the reliability of the new architecture, then to switch over to the new validated architecture.