

ELOMATIC BIO & PHARMA SELECTED REFERENCES

| Sr. No | Year | Client name | Elomatic Scope | Product Type | Product | Regulatory Market |
|--------|------|--|---|--------------|------------|-------------------|
| 1 | 2017 | Hetero Drugs Limited, Hyderabad | HVAC reconciliation service for Biologic Bulk manufacturing unit | Biotech | API | USFDA |
| 2 | 2017 | Granules India Limited | GMP & Process GAP Audit of existing OSD facility | Pharma | OSD | USFDA |
| 3 | 2017 | Fresenius Kabi Oncology Ltd. | FAT services for the equipment's of Chemical API facility. | Chemical | API | USFDA |
| 4 | 2017 | Biological E, Hyderabad, India | Concept, Basic & Detailed engineering for Greenfield Vaccine Facility | Biotech | Injections | WHO - GMP |
| 5 | 2016 | Sobhan Biotech, Tehran, Iran | Technical support for the Fill-Finish Facility at Pardis site | Biotech | Injections | WHO-GMP/EU GMP |
| 6 | 2016 | Intas Biopharmaceuticals Ltd, Ahmedabad, India | Concept,Basic , Civil, Structural, Architectural & Detailed engineering for Microbial Bulk manufacturing Facility | Biotech | API | USFDA/EUGMP |
| 7 | 2016 | Intas Biopharmaceuticals Ltd, Ahmedabad, India | Concept,Basic, Civil, Structural, Architectural & Detailed engineering for expansion of Cell Culture Bulk manufacturiung Facility | Biotech | API | USFDA/EUGMP |
| 8 | 2016 | PCAS, Turku, Finland | Upgrading room conditions for existing API-production | Chemical | API | EUGMP |
| 9 | 2016 | Shahid Ghazi Pharmaceutical Co, Tabriz, Iran | Conceptual design for LVP and SVP production plant, 4 lines | Biotech | Injections | EUGMP |
| 10 | 2016 | PerkinElmer Turku Site (Wallac), Finland | Complete renovation of reagent production clean room HVAC simultaneously with on-going production | Pharma | Reagent | GMP |
| 11 | 2016 | Santen, Tampere, Finland | Investigations to change the production flow | Generic | Injections | EUGMP |
| 12 | 2016 | Serum Institute of India, Pune, India | Concept, Basic & Detailed engineering for SEZ-5 (Multi Product) Injectable filling Facility | Biotech | Injections | USFDA/WHO/EUGMP |
| 13 | 2016 | Shimizu Corporation (GSK India), Bangalore | Electrical & Mechanical support services at site for the Multi product OSD facility in Bangalore. | Hormone | OSD | USFDA/EUGMP |
| 14 | 2016 | Torrent Pharmaceuticals Ltd, Dahej, India | Concept, Civil, Basic, Detail design, Purchase Consultancy, Qualification documentation & 3D modelling for Generic OSD, API & Finished goods block. | Generic | OSD & API | USFDA & EUGMP |
| 15 | 2016 | Hetero Drugs Limited, Hyderabad | Site Supervision & Validation (IQ & OQ) execution services for HVAC & Clean Utilities execution for the biotech block. | Biotech | API | USFDA |
| 16 | 2016 | Torrent Pharmaceuticals Ltd, Ahmedabad, India | Gap analysis & upgradation of the HVAC system for the existing fill finish manufacturing facility. | Biotech | Insulin | EUGMP |

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| 17 | 2016 | LAUGFS Holding Ltd. Sri Lanka | Addition of concept, basic & detailed design, procurement support, validation documentation, site management, validation execution for 1 line of soft-gel and suppositories each in the ongoing OSD (Generic and Betalactum) project. | Generic | Soft Gel & Suppositories | USFDA/WHO/EUGMP |
| 18 | 2016 | Shimizu Corporation (GSK India), Bangalore | Project management services at site for the Multi product OSD facility in Bangalore. | Hormone | OSD | USFDA/EUGMP |
| 19 | 2016 | Mylan Laboratories, Hosur | The project scope involves Qualification, validation documentation & Execution of validation at site of a Greenfield high potent anticancer (complex Injections) facility. | Anti-Cancer | Injections | USFDA/EUGMP/WHO |
| 20 | 2016 | Sobhan Biotech, Tehran, Iran | Concept, basic & detailed design, procurement consultancy, validation document review and complete site management for the Fill Finish facility in Iran. | Biotech | Vaccines | USFDA/WHO/EUGMP |
| 21 | 2015 | Mylan Laboratories, Bangalore | The project scope involves As-built drawing & Validation Documentation preparation of the SPD block for Injectable facility at Bannerghatta. | Anti-Cancer | Injections | USFDA/WHO/EUGMP |
| 22 | 2015 | Mylan Laboratories, Hosur | The project scope involves As-built drawing & Validation Documentation preparation of the Injectable facility | Anti-Cancer | Injections | USFDA/WHO/EUGMP |
| 23 | 2015 | Al-Qamra Holdings, Qatar | Turnkey project for Intravenous Solution Bags, Blood Transfusion Bags, Hemodialysis solution, WFI. | Generic | Injections | USFDA/EUGMP |
| 24 | 2015 | Orion Oyj, Turku, Finland | Hormonegel filling and packaging line purchase project with serialization. Project management, commissioning. | Hormone | Injections | EUGMP |
| 25 | 2015 | Orion Oyj, Turku, Finland | Hormonegel filling and closing line purchase project. Project management, commissioning. | Hormone | Injections | EUGMP |
| 26 | 2015 | Intas Pharmaceuticals (Ahmedabad), India | Concept, basic & detailed design, civil structural and architectural design for the Anti- Cancer Liquid Injectable facility. | Anti-Cancer | Injections | USFDA/EUGMP |
| 27 | 2015 | MJ Biopharma, Mumbai | Audit of the existing Injectable facility. Concept, basic & detailed design, purchase consultancy, qualification documentation review, site supervision and validation execution at site for Injectable facility. | Hormone | Injections | USFDA/EUGMP |
| 28 | 2015 | Fresenius, Kolkata | FAT services for the critical process equipment's for Anti-Cancer API facility. | Anti-Cancer | API | USFDA/EUGMP |
| 29 | 2015 | LAUGFS Holding Ltd. Srilanka | Complete Project management including concept, basic & detailed design, procurement support, validation documentation, site management, validation execution at site for OSD (Generic and Betalactum) facility. | Generic & Betalactum | OSD | USFDA/WHO/EUGMP |

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| 30 | 2015 | USV Limited, Daman | The project scope involves Audit, Validation documentation, FAT, SAT, Site supervision and Execution of Validation at site for OSD facility as per USFDA regulatory guidelines | Generic | OSD | USFDA |
| 31 | 2015 | Letap Pharmaceuticals, Nigeria | Concept, Basic & Detailed engineering for OSD facility | Generic | OSD | WHO |
| 32 | 2015 | Mylan Laboratories, Bangalore | The project scope involves As-built preparation of OTL and SFF block for Injectable of Oncology & Generic products at Jigani. | Anti-Cancer | Injections | USFDA/WHO/EUGMP |
| 33 | 2015 | Orion Oyj, Turku, Finland | Conceptual design for implementation of new products in hormone factory | Hormone | Injections | EUGMP |
| 34 | 2015 | Alpha-Pharma, Mumbai, India | Inspection, evaluation and reporting about an ongoing project | Hormone & Generic | OSD & Injections | EUGMP |
| 35 | 2015 | JSC Pharmasyntez, Tyumen, Russia | Inspection and reporting for an existing factory | Generic | OSD & Injections | EUGMP/USFDA |
| 36 | 2015 | Glenmark, Goa, India | Basic, Detailed, Structural design for the Omeprazole tablet facility expansion project. | Generic | OSD | USFDA/EUGMP |
| 37 | 2014 | Ami Pharma, Sudan | Concept Design for the Pencillin based Tablets, Capsules, Dry Powder Suspension (OSD) facility at Sudan | Betalactum | OSD | WHO |
| 38 | 2014 | Mylan Laboratories, Zambia | Complete Concept, Basic, Structural, and Architectural Design & Site Execution for the OSD facility. | Generic | OSD (ARV Tablets) | WHO |
| 39 | 2014 | Utopia Pharmaceutical, Egypt | Concept, basic & detailed engineering, structural & architectural design, validation documentation, 3D-modelling for OSD facility. | Generic | OSD | USFDA/WHO/EUGMP |
| 40 | 2014 | Wockhardt, Aurangabad, India | Concept, Basic, Detailed, Structural design services for the expansion project of R & D center. | Generic | OSD PD Lab + Animal House | USFDA/EUGMP |
| 41 | 2014 | JSC Pharmasyntez, Moscow, Russia | Concept Design for Multi product API facility | Generic & Anticancer/Hormone | API | EUGMP |
| 42 | 2014 | JSC Pharmasyntez, Moscow, Russia | Concept Design for Multi product Pilot facility including pilot scale manufacturing of OSD, Injectable (PFS & Cartridges) products. | Generic & Anticancer/Hormone | Injections | EUGMP |
| 43 | 2014 | JSC Pharmasyntez, Moscow, Russia | Concept Design for Multi product Commercial formulation facility including Oral solid dosage form, Injectable for manufacturing Pharma products and biopharma products. | Generic & Anticancer/Hormone | OSD | EUGMP |
| 44 | 2014 | Songwon Speciality Chemical, India | Turnkey supply, installation & commissioning of instrumentation for the API facility. | Generic | API | USFDA/EUGMP/Korea FDA |
| 45 | 2014 | Songwon Speciality Chemicals, India | Modification / revamping & preparation of P & ID for the existing facility. | Generic | API | USFDA/EUGMP/Korea FDA |

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| 46 | 2014 | Glenmark Generics Limited, Indore, India | Basic Engineering and Detailed Engineering for expansion of tablets manufacturing facility. | Generic | OSD | USFDA/WHO/EUGMP |
| 47 | 2014 | Quest Pharma, Birgunj, Nepal | Concept, Basic, Detailed design, Validation review, purchase consultancy for OSD facility | Generic | OSD | WHO |
| 48 | 2014 | Flaktwoods, for AJA Pharma, Dubai | Concept, Basic & Detailed design for HVAC and Electrical for AJA pharma project in Saudi | Generic | OSD | USFDA/WHO/EUGMP |
| 49 | 2014 | Letap Pharma, Nigeria | Concept, Basic & Detailed design for Liquid Oral manufacturing facility | Generic | OSD | WHO |
| 50 | 2014 | Razi Pharmaceuticals, Saudi Arabia | Turnkey execution of Generic OSD and MDI (Metered Dosage Inhaler) project at Jeddah | Generic | OSD & MDI | USFDA/WHO/EUGMP |
| 51 | 2014 | Fresenius Kabi, India | Concept and Basic design for IV-fluids facility | Generic | Injections | USFDA/WHO/EUGMP |
| 52 | 2014 | Oxygen Bio-Research, Ahmedabad, India (A Piramal Enterprise group) | Concept, Basic & Detailed engineering along with Site management for R & D Facility | Generic | R&D OSD | USFDA/EUGMP |
| 53 | 2014 | Zydus Cadila, India (Liva Pharma) | Concept, Basic, Detailed design & 3D-designing for a Greenfield Injectable facility as per USFDA & EU GMP regulatory guidelines | Generic | Injections | USFDA/WHO/EUGMP |
| 54 | 2014 | Serum Institute of India, Pune, India | Concept, Basic & Detailed engineering for FF (First Floor) QC | Biotech | QC | GLP/USFDA/WHO/EUGMP |
| 55 | 2014 | Serum Institute of India, Pune, India | Concept, Basic & Detailed engineering for Building-EOU- 5 , GF(Ground Floor) MMR Bulk | Biotech | Bulk & Fill-Finish | USFDA/WHO/EUGMP |
| 56 | 2014 | Serum Institute of India, Pune, India | Concept, Basic & Detailed engineering for Building-1 SF (Second floor) QC | Biotech | QC | GLP/USFDA/WHO/EUGMP |
| 57 | 2014 | NovaMedica, Moscow, Russia | Conceptual design of a new development laboratory for clinical research and product development | Generic | Injections | USFDA/EUGMP |
| 58 | 2014 | NovaMedica, Moscow, Russia | Conceptual design of a new pharmaceutical factory site for the small volume IV solutions | Generic | Injections | USFDA/EUGMP |
| 59 | 2014 | Sadaf Darou Company, Tehran, Iran | GMP review of the design documents of a new pharmaceutical factory. | Generic | OSD | USFDA/EUGMP |
| 60 | 2014 | GAPInsaat A.S, Turkmenistan, Ashgabat | Conceptual design of a new factory for the manufacture of pharmaceuticals from the plant roots | Generic | OSD | USFDA/EUGMP |
| 61 | 2014 | Kemwell AB, Uppsala, Sweden | Optimization of the reactor cooling system | Generic | OSD | USFDA/EUGMP |
| 62 | 2013-2014 | Orion Oyj, Turku, Finland | Basic and detailed design of a new pharmaceutical factory | Generic | OSD | USFDA/EUGMP |
| 63 | 2013 | Mylan, Vishakhapatnam, India | The project scope involves Re-Qualification , validation documentation & Execution of validation at site of high potent anticancer facility | Anti-Cancer | Injections | USFDA/WHO/EUGMP |
| 64 | 2013 | Intas Biopharma, India | Engineering consultancy to design a Greenfield biotech facility at Ahmedabad including Conceptual, Basic & Detailed Engineering. | Biotech | API & Filling | USFDA/WHO/EUGMP |

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| 65 | 2013 | Dannex Ltd, Ghana | Engineering consultancy to design a Greenfield multiproduct facility manufacturing Tablets, Liquid Orals, Ointments, Dry Powder, Disinfectant & Veterinary products at Ghana including Conceptual, Basic & Detailed Engineering. | Generic & Betalactum | OSD, Veterinary, Disinfectant | WHO |
| 66 | 2013 | Letap Pharma, Ghana | Engineering consultancy to design a Greenfield Amox-Clav tablet and dry powder suspension facility at Ghana, Including Conceptual Engineering, Civil structural & architectural engineering, Basic Engineering & Detailed Engineering | Betalactum | OSD | WHO |
| 67 | 2013 | Glenmark, Baddi India | Civil Engineering, Basic Engineering & Detailed Engineering for Brownfield Nasal Drops manufacturing project | Generic | Nasal Drops | USFDA/WHO/EUGMP |
| 68 | 2013 | IC-FMD(International Centre for Foot & Mouth Disease Virus), National Dairy Development Board, India | The project scope is setting up a "International Centre for Foot & Mouth Disease", at Bhubaneshwar, Orissa, including civil, structural & architecture, concept design, basic Engineering and Detailed engineering for the BSL-3 Ag laboratory being set up for disease diagnosis, research and vaccine development for the APAC region. | BSL-3 | Lab, R&D, Animal House, Filling | OIE Geneva, WHO |
| 69 | 2013-2014 | Cytomed, St Petersburg, Russia | Basic design of a new production facility for several dosage forms and biological and chemical API's. | Biotech/Chemical | API | EUGMP/USFDA |
| 70 | 2013 | Sun Pharma, India | Concept Design for OSD facility at Myanmar | Generic | OSD | WHO |
| 71 | 2013 | Serum Institute of India, Pune, India | Conceptual, Basic, Detailed Engineering for Anticancer mAb's project (SEZ-6 FF) | Anti-Cancer | Bulk & Fill-Finish | USFDA/WHO/EUGMP |
| 72 | 2013 | Mylan, Vishakhapatnam, India. | The project scope involves Re-Qualification , validation documentation & Execution of validation at site of high potent anticancer facility | Anti-Cancer | Injections | USFDA/WHO/EUGMP |
| 73 | 2013 | Eskay Pharma, Ghana | Engineering consultancy to design a Greenfield Liquid Oral manufacturing facility at Ghana, Including Conceptual Engineering, Civil, Structural & Architectural engineering, Basic Engineering & Detailed Engineering. | Generic | OSD | WHO |
| 74 | 2013 | Sea Pharma, Syria | Conceptual design for Brownfield syrup, tablets & capsules manufacturing facility | Generic | OSD | USFDA/WHO/EUGMP |
| 75 | 2013 | Bright Future, Hongkong | Engineering consultancy for designing of PuW system | Generic | OSD | PICs/USFDA |
| 76 | 2013 | Marck Bioscience Ltd., Ahmadabad (Gujarat) | Engineering Consultancy including Concept Engineering, Basic Engineering, Detailed Engineering & Site Management for a LVP line Expansion Project in Kheda, Gujarat. | Generic | Injections | USFDA/WHO/EUGMP |

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| 77 | 2013 | Bioviz Technologies Pvt. Ltd. Hyderabad (Andhra Pradesh). | Engineering consultancy services for biotech bulk and fill-finish project in Hyderabad. Project Deliverables included Conceptual Design, Structural & Architectural Engineering, Basic Engineering, Detailed Engineering, Tender preparation, Purchasing consultancy (technical part) & Qualification documentation review. | Biotech | API | USFDA/EUGMP |
| 78 | 2012 | Cytomed, St Petersburg, Russia | Conceptual design of a new production facility for several dosage forms and biological and chemical API's. | Biotech/Chemical | API | EUGMP/USFDA |
| 79 | 2012 | Essel ProPak, India | Validation & Testing of HVAC filters | Generic | Ointment | WHO |
| 80 | 2012 | Ozone/Korall, Zhigulevsk, Samara region, Russia | Conceptual design of a new factory for the injectables and IV-solutions | Generic | Injections | EUGMP/USFDA |
| 81 | 2012 | Ministry of Health Care, Ashgabat, Turkmenistan | Turnkey delivery of an infusion liquid production process, including equipment, clean rooms and clean room HVAC, piping, E&IC, site supervision, start-up and validations. The plant is built in Ashgabat, Turkmenistan | Generic | Injections | EUGMP/USFDA |
| 82 | 2012 | Orion Oyj, Turku, Finland | Conceptual and detailed design of a new solvent storage | Generic | Injections | EUGMP/USFDA |
| 83 | 2012 | Flaktwoods, Dubai | Conceptual Engineering for Solar Cell manufacturing facility | Non-Pharma | Solar cells | Local FDA |
| 84 | 2012 | Novo Nordisk, Denmark | Conceptual design of a fill finish factory. | Homone | Insulin Injections | EUGMP/USFDA |
| 85 | 2012 | Serum Institute, Pune, India | Conceptual, Basic, Detailed Engineering for BCG Vaccine project. | Biotech BSL-2 | BCG Vaccine | USFDA/WHO/EUGMP |
| 86 | 2012 | Perrigo API | Preparation & review of Qualification protocol & validation execution at site | Generic | Sterile API | USFDA |
| 87 | 2012 | Orion Oyj, Turku, Finland | New purified water system | Generic | Ointment | USFDA/WHO/EUGMP |
| 88 | 2012 | Orion Oyj, Turku, Finland | Detailed design of the extension of a production department | Generic | Bulk & Fill-Finish | USFDA/WHO/EUGMP |
| 89 | 2012 | Sanvita, Hyderabad, India | Conceptual, basic and detailed engineering of a new FMD factory | Biotech BSL-3 | Bulk & Fill-Finish | OIE Geneva, WHO |
| 90 | 2011 | Vertex, St. Petersburg, Russia | Audit report for the conceptual design | Generic | OSD | USFDA/WHO/EUGMP |
| 91 | 2011 | Serum Institute, Pune, India | Conceptual, Basic, Detailed Engineering for PCV (Pneumococcal) Vaccine project. | Biotech BSL-2 | PCV Vaccine | USFDA/WHO/EUGMP |
| 92 | 2011 | Sun Pharma, India | Conceptual, Basic and Detailed Engineering for Oral Solid Dosage facility at Gawuhati | Generic | OSD | USFDA/WHO/EUGMP |
| 93 | 2011 | Zybus Cadila Healthcare Limited, Ahmedabad, India | Biotech – Classical Fermentation 2.5 kL facility, Conceptual, Basic and Detailed Engineering | Biotech | API | USFDA/WHO/EUGMP |

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| 94 | 2011 | Cadila Pharma, Ahmedabad, India | Conceptual design of a new tableting facility for Aceloc Tablets | Generic | OSD | USFDA/WHO/EUGMP |
| 95 | 2011 | Lupin Pharma, India | Concept, Basic & Detailed engineering for API facility (M6 product) at Baroda | Generic | API | USFDA/WHO/EUGMP |
| 96 | 2010-2011 | Santen Oy, Tampere, Finland | Detailed design of a new filling line for ophthalmics | Generic | Injections | EUGMP/USFDA |
| 97 | 2010-2011 | Intas Biopharmaceuticals Ltd, Ahmedabad, India | Basic and detailed design of a new eukaryotic biotech facility. | Biotech | API | EUGMP/USFDA |
| 98 | 2010-2011 | Azmi Pharma, Syria | Project management consultancy for the new IV-factory | Generic | Injections | USFDA/WHO/EUGMP |
| 99 | 2010-2012 | Cytomed Oyi, Lappeenranta, Finland | New production facility for several dosage forms. Cytomed is a Russian company, but they build the new facility in Finland. | Generic | OSD | USFDA/WHO/EUGMP |
| 100 | 2010-2011 | Orion Oyj, Turku, Finland | Several projects for the revamping of the existing processes. | Generic | Injections | USFDA/WHO/EUGMP |
| 101 | 2010 | Lupin Pharma, India | Concept, Basic & Detailed engineering for Containment API product (Prostaglandin) & Oral Contraceptives facility at Indore | Hormone | API | USFDA/WHO/EUGMP |
| 102 | 2010 | Cosmos Pharma, Kenya | Concept, Basic, Detailed design and purchase consultancy for the OSD facility at Kenya | Generic | OSD | WHO |
| 103 | 2010 | Elsys Pharmaceuticals, Kenya | Concept Design for the OSD facility at Kenya | Generic | OSD | WHO |
| 104 | 2010 | Santen Oy, Tampere, Finland | Consulting regarding a new filling line | Generic | Ophthalmology | USFDA/WHO/EUGMP |
| 105 | 2010 | NNE Pharmaplan, Sweden | Conceptual design of a HVAC system for the new facility in Russia | Generic | Injections | USFDA/WHO/EUGMP |
| 106 | 2010 | German Remedies,Goa (Now Zydus Cadila Group) | Concept, Basic & Detailed Engineering for the Expansion of the Generic Injectable facility at Goa | Generic | Injections | USFDA/WHO/EUGMP |
| 107 | 2010 | Zydus Cadila, India | Basic & Detailed design for the utilities for MMR vaccine facility | Biotech | Bulk & Fill-Finish | USFDA/WHO/EUGMP |
| 108 | 2010 | Terumo Penpol | Design & Turnkey execution for the clean utilities generation & distribution for the Blood bags project | Generic | Bags | WHO-GMP/ JP |
| 109 | 2009-2010 | Farmstrong, Russia | Basic design of heat sanitation systems of bio contaminated waste waters for two biotech laboratories. | Biotech | Lab | EUGMP/USFDA |
| 110 | 2009-2010 | Azmi Pharma, Syria | Conceptual and basic design of a new IV-factory | Generic | Injections | USFDA/WHO/EUGMP |
| 111 | 2009-2010 | Orion Oyj, Turku, Finland | Conceptual design for the revamping of an existing tableting manufacturing facility. | Generic | OSD | EUGMP/USFDA |
| 112 | 2009 | PSI, Saudi Arabia | Concept design, Detail Engineering, AS built drawings of existing facility, validation of existing facility and construction of new expansions for IV in bottles, bags, BFS. | Generic | Injections | USFDA/WHO/EUGMP |

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| 113 | 2009 | Elsaad Pharmaceuticals, Aleppo, Syria | Design Engineering, detail engineering, construction, validation and start-up of PW, WFI and PS piping systems for 3 blocks. | Generic | Injections | USFDA/WHO/EUGMP |
| 114 | 2009 | Mamiba , Egypt | Concept design and project management services for cosmetic factory producing shampoo, soaps, creams, gels, for FMCG industry. | FMCG | Shampoos, Creams, Soap, Gels, | Local FDA |
| 115 | 2009 | Omnitrade, Amman, Jordan | Conceptual design of a pharmaceutical factory site including several manufacturing facilities | Hormone, Anticancer, Generic | OSD & Injections | EUGMP/USFDA |
| 116 | 2009 | Orion Oyj, Espoo, Finland | Conceptual design of a new facility for inhalers. | Generic | OSD | EUGMP/USFDA |
| 117 | 2009 | Phadia AB, Uppsala, Sweden (legacy Pharmacia Diagnostics) | Conceptual and detailed design for increasing of production capacity | Generic | Medical device | EUGMP/USFDA |
| 118 | 2009 | Atacama Labs, Helsinki, Finland | Automation and qualification of a new dry granulation system | Generic | OSD | EUGMP/USFDA |
| 119 | 2009 | Kemwell AB (legacy Pfizer Health), Uppsala, Sweden | Upgrading of the electrical documentation | Generic | OSD | EUGMP/USFDA |
| 120 | 2008-2009 | Orion Oyj, Turku, Finland | Design of a new department for the hormonal gel and solution manufacturing | Hormones | Gels | EUGMP/USFDA |
| 121 | 2008 | UCL, Kenya | Concept, Basic & Detailed designing of HVAC and validation for the OSD facility at Nairobi | Generic | OSD | WHO |
| 122 | 2008 | Serum Institute of India, Pune, India | Design of stores on 3rd floor of SEZ-6, including concept design, basic engineering and detail engineering for all of HVAC, Electrical, Storage systems and Utilities. | Biotech BSL-2 | Vaccines | USFDA/WHO/EUGMP |
| 123 | 2008 | United Construction Co., Islamabad, Pakistan | Basic design of the layout, HVAC and clean utilities for Serum Lab project | Biotech | Vaccines | WHO |
| 124 | 2008 | Orion Oyj, Turku, Finland | Improving containment of an existing and a new production units | Generic | OSD | EUGMP/USFDA |
| 125 | 2008 | Kemwell AB (legacy Pfizer Health), Uppsala, Sweden | New CIP station | Generic | OSD | EUGMP/USFDA |
| 126 | 2008 | Solaris, Perm, Russia | Conceptual design of a new parenteral factory | Generic | Injections | EUGMP/USFDA |
| 127 | 2008 | Sotex, St. Petersburg, Russia | Conceptual design of a biopharmaceutical factory | Biotech | OSD & Injections | EUGMP/USFDA |
| 128 | 2008 | NGC, Lagos, Nigeria | Consultancy and Engineering services for Formulation Facility for Liquid, Oral and Tablet (Involves Conceptual, Basic, Detail, Purchasing, FAT, Qualification and Site Management) | Generic | OSD | WHO |
| 129 | 2008 | Serum Institute of India, Pune, India | Concept, Basic, Detail Engineering for QC-Lab-SEZ 8. | Biotech | QC | GLP/USFDA/WHO/EUGMP |
| 130 | 2008 | Serum Institute of India, Pune, India | Concept, Basic, Detail Engineering for Bacterial Vaccine project in Vials and Ampoules | Biotech | Vaccines | USFDA/WHO/EUGMP |

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| 131 | 2008 | Novo Nordisk, Denmark | Conceptual design of a fill finish factory | Hormone | Insulin Injections | USFDA/WHO/EUGMP |
| 132 | 2008 | SCP Ltd. Tainan, Taiwan | Review/Checking of Conceptual and basic design. Preparation of Detailed Design documents for HVAC, BMS & EMS, LAF and dispensing /sampling booth, Clean room partition and compressed air | Cephalosporin | Ointments | USFDA/WHO/EUGMP |
| 133 | 2008 | Razi Pharmaceuticals, Saudi Arabia | Concept Design, Basic Engineering, Detail Engineering, Validation and Site Management for complete Cephalosporin Pharmaceutical plant | Cephalosporin | OSD | USFDA/WHO/EUGMP |
| 134 | 2008 | Daily Needs, Nigeria | Consultancy and Engineering services for Generic, Cephalosporin and Penicillin (Involves Basic, Detail, Purchasing consulting, FAT, Qualification and Site Management) | Generic & Betalactum | OSD | WHO |
| 135 | 2008 | Lupin Biotech, Pune, India | Consultancy and Engineering services for Biotech Pilot Plant and Bulk Manufacturing (Involves Basic, Detail, Purchasing consulting, FAT, Qualification) | Biotech | mAb API | USFDA/WHO/EUGMP |
| 136 | 2008 | Kleva Pharmaceuticals Company, Greece | Concept Design and costing of new facility for Tablets and Capsules | Generic | OSD | EUGMP/USFDA |
| 137 | 2008 | First Medical, Nigeria | Concept Design and costing for new facility of LVP. | Generic | Injections | WHO |
| 138 | 2007- 2008 | CIN Pharm, Cameroon | Consultancy and Engineering services for Generic, LVP, Betalactum, and Laboratories (Involves Basic, Detail, Purchasing, FAT, Qualification and Site Management) | Generic & Betalactum | OSD, Injections | WHO |
| 139 | 2008 | Atacama Labs. Helsinki, Finland | Conceptual design of a new dry granulation system | Generic | OSD | EUGMP/USFDA |
| 140 | 2007 | NNEPharmaplan, Sweden | Ark Therapeutics, Kuopio, Finland Detailed design of a biopharmaceutical factory | Biotech | Bulk & Fill-Finish | EUGMP/USFDA |
| 141 | 2007- 2008 | Kemwell AB (legacy Pfizer Health), Uppsala, Sweden | Several revamping projects in the synthesis factory | Generic | OSD | EUGMP/USFDA |
| 142 | 2007- 2008 | Orion Pharma, Turku, Finland | Conceptual design of a new manufacturing facility. | Generic | OSD | EUGMP/USFDA |
| 143 | 2007- 2008 | Massoud Pharmaceuticals, Syria. | Concept Design, Basic Engineering, Detail Engineering, Validation and Site Management for complete IV bags Pharmaceutical plant. | Generic | Injections | EUGMP/USFDA |
| 144 | 2007- 2008 | Zydus Cadila Limited, Ahmedabad, India. | Concept Design, Basic Engineering, Detail Engineering and Validation Management for clean and raw utilities of Rabies Vaccine Project. | Biotech | Bulk & Fill-Finish | USFDA/WHO/EUGMP |
| 145 | 2007- 2008 | Razi Pharmaceuticals, Saudi Arabia | Concept Design, Basic Engineering, Detail Engineering, Validation and Site Management for complete Generic Pharmaceutical plant. | Generic | OSD | USFDA/WHO/EUGMP |
| 146 | 2007 | Pharmadule AB, Stockholm, Sweden | Conceptual design of a new biotech production plant | Biotech | Bulk | EUGMP/USFDA |

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| 147 | 2007 | Tallinn Pharmaceutical Factory, Tallinn, Estonia | Design of the treatment plant for oily process waste waters | Generic | Ointments | EUGMP/USFDA |
| 148 | 2007 | Pfizer Health AB, Strängnäs, Sweden | Automation and Instrumentation of a RO-loop | Generic | OSD | EUGMP/USFDA |
| 149 | 2007 | Pharmadule AB, Stockholm, Sweden | Basic design of a new ointment manufacturing facility | Generic | Ointments | EUGMP/USFDA |
| 150 | 2007 | Pfizer Health AB, Strängnäs, Sweden | Validation plans and validation of a new laboratory | Generic | Lab | EUGMP/USFDA |
| 151 | 2007 | Phadia AB, Uppsala, Sweden (legacy Pharmacia Diagnostics) | Conceptual and detailed design for the modification of an existing production unit | Generic | medical device | EUGMP/USFDA |
| 152 | 2007 | Inno Biologics Sdn. Bhd., Malaysia | Conceptual design of the new multiproduct cGMP large scale Biopharmaceutical production Facility | Biotech | mAb API | EUGMP/USFDA |
| 153 | 2007 | Orion Pharma, Turku, Finland | Conceptual and detailed design of a new clean steam system | Generic | OSD | EUGMP/USFDA |
| 154 | 2007 | Orion Pharma, Turku, Finland | Revamping of an existing purified water system | Generic | OSD | EUGMP/USFDA |
| 155 | 2007 | GE Healthcare Bio Sciences AB, Uppsala, Sweden | Feasibility study for the transfer of manufacturing site | Biotech | Bulk | EUGMP/USFDA |
| 156 | 2007 | Pfizer Health AB, Strängnäs, Sweden | Revamping of WFI distribution system | Biotech | Bulk | EUGMP/USFDA |
| 157 | 2006-2007 | Pfizer Health AB, Strängnäs, Sweden | Co-ordination and life-cycle concepts for the demolishing of an existing production facility | Biotech | Bulk | EUGMP/USFDA |
| 158 | 2006 | Larox Ltd, Lappeenranta, Finland | Preparing cGMP documentation packages for the bio and pharma filters of Larox. | Biotech | medical device | EUGMP/USFDA |
| 159 | 2006 | Barakat Labs, Aleppo, Syria | Conceptual-, basic-, detailed engineering and validation of a fill-finish plant for injectables in Ampoules and Vials. | Generic | Injections | EUGMP/USFDA |
| 160 | 2006 | Standard Chem&Pharm, Tainan, Taiwan | Conceptual design, engineering, commissioning and validation Complete HVAC and clean room system | Generic | OSD | EUGMP/USFDA |
| 161 | 2006-2007 | Orexo AB, Uppsala, Sweden | Technical specifications for the new tableting line. Co-ordination of the installations and validations | Generic | OSD | EUGMP/USFDA |
| 162 | 2006 | Orion Pharma, Espoo, Finland | Conceptual design for modernising an existing warehouse and for building a new automatic dispensing line. | Generic | OSD | EUGMP/USFDA |
| 163 | 2006 | Lab Pharma Ltd, Turku, Finland | Qualifications IQ/OQ of the process equipment | Generic | Lab | EUGMP/USFDA |
| 164 | 2006 | Orion Pharma, Turku, Finland | Design to change the HVAC-system of an existing tableting department | Generic | OSD | EUGMP/USFDA |
| 165 | 2006 | Pfizer Health AB, Strängnäs, Sweden | Revamping of an existing production plant for biopharmaceuticals. | Biotech | Injections | EUGMP/USFDA |

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| 166 | 2006 | GE Healthcare Bio Sciences AB, Uppsala, Sweden | Conceptual design of the upgrading of the purified water system for 13 production buildings at site Uppsala | Generic | medical device | EUGMP/USFDA |
| 167 | 2006 | UniTech Pharma AB, Matfors, Sweden | Technical specifications of the production equipment for a new formulation, filling, freeze drying and packaging facility | Biotech | Injections | EUGMP/USFDA |
| 168 | 2006 | PharmFirm Sotex, Moscow, Russia | Cleaning validation of the new formulation and filling line. | Biotech | Injections | EUGMP/USFDA |
| 169 | 2006 | Standard Chem&Pharm, Tainan, Taiwan | Conceptual design for the upgrading of the existing facility according to EU guidelines | Generic | OSD | EUGMP/USFDA |
| 170 | 2005 | Pfizer Health AB, Strängnäs, Sweden | Feasibility study regarding the Fermentation support laboratory. | Biotech | API | EUGMP/USFDA |
| 171 | 2005 | Torrent Pharmaceuticals Ltd, Ahmedabad, India | Conceptual-, basic-, detailed engineering and validation of a fill-finish plant for insulin. | Hormone | Insulin Injections | USFDA/WHO/EUGMP |
| 172 | 2005 | Q-MED AB, Uppsala, Sweden | Basic design, upgrading of an existing production unit, HVAC, clean rooms, utilities. | Generic | Injections | EUGMP/USFDA |
| 173 | 2005 | Pharmacia Diagnostics, Uppsala, Sweden | GMP-upgrading of process installations. | Generic | medical device | EUGMP/USFDA |
| 174 | 2005 | AWA Medica, Kurdistan, Iraq | Conceptual design of a new pharma manufacturing site including 6 factories, warehouse, utility buildings, laboratory buildings, power plant and tank yard. | Generic & Betalactum | OSD & Injections | EUGMP/USFDA |
| 175 | 2005-2007 | Pfizer Health AB, Uppsala, Sweden | Conceptual, basic and detailed design as well as site supervision of an effluent treatment plant. | Generic | OSD | EUGMP/USFDA |
| 176 | 2005 | Pfizer Health AB, Strängnäs, Sweden | Basic Design for a loading and unloading station for a pharma factory site. | Generic | OSD | EUGMP/USFDA |
| 177 | 2005 | Amersham Biosciences AB(General Electric Healthcare) , Uppsala, Sweden | Turnkey delivery of the process, clean media with clean rooms for a GMP upgrading of an existing product. | Biotech | Ficoll Pague Blood product | EUGMP/USFDA |
| 178 | 2004 | Recopharma AB, Luleå, Sweden | Conceptual design of a new biotech pilot plant + alternative site in Stockholm. | Biotech | Injections | EUGMP/USFDA |
| 179 | 2004 | Novozymes AB, Lund, Sweden | Upgrading GMP compliance of an existing bio production plant, basic design. | Biotech | API | EUGMP/USFDA |
| 180 | 2004 | SBL Vaccin AB, Stockholm, Sweden | Basic design of a biotech purification plant | Biotech | Injections | EUGMP/USFDA |
| 181 | 2004 | Eskayef Bangladesh Ltd, Bangladesh | Conceptual design , basic design, detailed design and validation of the new site including several production blocks. (Cephalosporin Injections & Generic OSD) | Generic | OSD & Injections | UKMHRA/TGA |

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| 182 | 2004 | Amersham Biosciences (General Electric Healthcare), Uppsala, Sweden | Basic design, upgrading GMP compliance of an existing production unit | Generic | medical device | EUGMP/USFDA |
| 183 | 2004 | Universiti Putra, Malaysia | Conceptual and basic design of a multiproduct cGMP Biopharmaceutical production Facility | Biotech | Bulk | EUGMP/USFDA |
| 184 | 2004 | Q-MED AB, Uppsala, Sweden | Conceptual design for changing a process into LAF-environment | Generic | Injections | EUGMP/USFDA |
| 185 | 2004 | Pharmadule Emtunga AB, Gothenburg, Sweden | Detailed piping design of a biopharmaceutical plant to Lilly, England | Hormone | Injections | EUGMP/USFDA |
| 186 | 2003 | UniTech Pharma AB, Matfors, Sweden | Basic design of a new formulation, filling, freeze drying and packaging facility | Biotech | Bulk | EUGMP/USFDA |
| 187 | 2003 | FIT Biotech Oy, Tampere, Finland | Conceptual design for the increasing of the clean room production facility | Biotech | Bulk | EUGMP/USFDA |
| 188 | 2003 | Inno Biologics Sdn. Bhd., Malaysia | Conceptual and basic design of a multiproduct cGMP Biopharmaceutical production Facility | Biotech | API | EUGMP/USFDA |
| 189 | 2003 | SBL Vaccin AB, Stockholm, Sweden | Basic engineering of Vaccine production plant including Bio Safety Level 3 production areas. | BSL-3 | Bulk & Fill-Finish | EUGMP/USFDA |
| 190 | 2003 | Pharmacia AB. Strängnäs, Sweden | IQ/OQ on site for modifications for a production plant. | Biotech | Bulk | EUGMP/USFDA |
| 191 | 2003 | Q-MED AB, Uppsala, Sweden | Conceptual, basic and detailed design of a new production facility. | Generic | Injections | EUGMP/USFDA |
| 192 | 2002-2004 | Pharmacia Diagnostics, Uppsala, Sweden | GMP-upgrading of equipments and installations. | Generic | medical device | EUGMP/USFDA |
| 193 | 2002- 2003 | Fresenius Kabi AB, Uppsala, Sweden | Increasing the capacity of the cooling system for the formulation tanks | Generic | LVP | EUGMP/USFDA |
| 194 | 2002- 2003 | Pharmacia, Strängnäs, Sweden. | Prestudy for an inactivation plant for several production facilities. | Biotech | Bulk | EUGMP/USFDA |
| 195 | 2002- 2003 | Octapharma AB, Stockholm, Sweden | Revamping of an existing purification plant for proteins. | Biotech | Blood Plasma | EUGMP/USFDA |
| 196 | 2002- 2003 | Biovitrum AB, Stockholm, Sweden | Turnkey delivery of the automation system (acc to GAMP4 and 21 CFR Part 11 incl ER/ES) for a biotech pilot plant. | Biotech | Bulk | EUGMP/USFDA |
| 197 | 2002- 2003 | AstraZeneca AB, Södertälje, Sweden | Turnkey delivery of a formulation unit for Nexium iv factory. Automation according to GAMP4 and 21 CFR Part 11 compliant, including ER/ES. | Generic | Injections | EUGMP/USFDA |
| 198 | 2002 | Orion Pharma Oy, Turku, Finland | Qualifications IQ/OQ of the purified water system in the new research building. | Generic | OSD | EUGMP/USFDA |
| 199 | 2002 | Pharmadule AB, Stockholm, Sweden | Technical specifications for filling lines and freeze dryers | Biotech | Injections | EUGMP/USFDA |
| 200 | 2002 | Pharmacia AB, Strängnäs, Sweden | 'Front End Engineering' of two strategic projects. Coordination of the time schedule for the strategic projects | Biotech | Injections | EUGMP/USFDA |

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| 201 | 2002 | Pharmacia AB, Strängnäs, Sweden | Detailed engineering and execution for compliance upgrading of two existing biotech plants. | Biotech | Injections | EUGMP/USFDA |
| 202 | 2002 | Pharmadule AB, Stockholm, Sweden | Project management for a filling line, co-ordination of IQ and OQ activities in Sweden and on site in USA. | Biotech | Injections | EUGMP/USFDA |
| 203 | 2001-2002 | Pharmacia AB, Uppsala, Sweden | Project co-ordination concerning integrated IQ, OQ and PQ activities for Syringe Center. | Homone | Injections | EUGMP/USFDA |
| 204 | 2001-2002 | Biovitrum AB, Stockholm, Sweden | Basic and detailed engineering of a biotech pilot plant including cell culture fermentation, purification, clean utility and other utility systems. | Biotech | Bulk | EUGMP/USFDA |
| 205 | 2001-2002 | Pharmadule AB, Stockholm, Sweden | Basic engineering of a biotech pilot plant including cell culture fermentation, purification, clean utility and other utility systems. | Biotech | Bulk & Fill-Finish | EUGMP/USFDA |
| 206 | 2001 | Focus Inhalation Oy, Turku, Finland | User requirement specifications for clean rooms, process equipment, utility systems and automation system | Generic | Dry Powder Inhaler | EUGMP/USFDA |
| 207 | 2001 | SBL Vaccin AB, Stockholm, Sweden | Documentation of an existing process unit. | Biotech | Bulk & Fill-Finish | EUGMP/USFDA |
| 208 | 2001 | Fresenius Kabi AB, Uppsala, Sweden | Start-up and boosting the capacity of a filling line. | Generic | Injections | EUGMP/USFDA |
| 209 | 2000-2001 | Pharmacia & Upjohn, Puurs, Belgium | User requirement specifications (URS) and participation in the procurement of the freeze dryers | Biotech | Injections | EUGMP/USFDA |
| 210 | 2000-2002 | Pharmacia & Upjohn, Strängnäs, Sweden | Several biotech feasibility and basic engineering projects. | Biotech | Bulk & Fill-Finish | EUGMP/USFDA |
| 211 | 2000-2001 | Pharmacia & Upjohn, Stockholm, Sweden | Documentation of an existing process unit. | Biotech | Bulk | EUGMP/USFDA |
| 212 | 2000-2001 | Medipolis Oy, Oulu Finland | Detailed engineering of clean utility systems, purchasing, installation supervision and validation IQ/OQ. Planning of the automation and SCADA for the whole pilot plant process and clean rooms. | Hormone | Insulin Injections | EUGMP/USFDA |
| 213 | 1999-2001 | Pharmacia & Upjohn, Stockholm, Sweden | Detailed engineering of a protein purification plant, purchasing, installation supervision and validation IQ/OQ. | Biotech | Bulk | EUGMP/USFDA |
| 214 | 1999-2001 | Pharmacia & Upjohn, Uppsala, Sweden | Several revamping projects in a synthesis factory. | Biotech | API | EUGMP/USFDA |
| 215 | 1999-2000 | Santen Oy, Tampere, Finland | Wet plant project. Participating in writing URS for WFI and pure steam systems. Writing the validation master plan for the project. Design and installation supervision. | Generic | Ophtalmy | EUGMP/USFDA |

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| 216 | 1997-2000 | Pharmacia & Upjohn, Uppsala, Sweden | 'Syringe Center'. User requirement specifications, participation in the procurement, delivery supervision, start-up and IQ/OQ for the freeze dryers and formulation process including CIP/SIP system. 3D-Modelling of the plant including process equipment and the clean rooms. Project time scheduling and supervision. Qualification of the clean utility systems, WFI, PW, pure steam and gases. | Hormone | Injections | EUGMP/USFDA |
| 217 | 1999-2000 | BioTie Therapies Oy, Turku, Finland | Basic engineering of a biotech plant for pharmaceuticals. | Biotech | Bulk & Fill-Finish | EUGMP/USFDA |
| 218 | 1999 | Pharmacia & Upjohn, Uppsala, Sweden | Pre- and detailed design of the WFI- and pure-steam center as well as the distribution loops and pipes. Participation in IQ/OQ | Generic | Bulk | EUGMP/USFDA |
| 219 | 1999 | Pharmacia & Upjohn, Strängnäs, Sweden | Predesign and cost calculations for a biotech factory. | Biotech | Bulk & Fill-Finish | EUGMP/USFDA |
| 220 | 1999 | Rörsystem AB/Pharmacia & Upjohn, Uppsala, Sweden | Detailed design and IQ/OQ of the pure steam system for the Syringe Center project. | Hormone | Injections | EUGMP/USFDA |
| 221 | 1998-99 | Sosna JSC, St. Petersburg, Russia | Production plant for small volume parenterals. Detailed engineering, procurement, time scheduling, supervision and validation | Generic | Injections | EUGMP/USFDA |
| 222 | 1998 | BioTie Therapies Oy, Turku, Finland | Predesign of a biotech plant for pharmaceuticals. | Biotech | Bulk | EUGMP/USFDA |
| 223 | 1998 | Orion Yhtymä Oy, Turku, Finland | HVAC design for the renovation of the research centre. | Generic | Lab and research | EUGMP/USFDA |
| 224 | 1998-99 | Pharmacia & Upjohn, Uppsala, Sweden | Moving and revamping of the synthesis pilot plant. Predesign, investment calculations, detailed engineering, procurement and installation supervision | Generic | API | EUGMP/USFDA |
| 225 | 1998-2000 | Astra Production Chemicals AB, Södertälje, Sweden | Detailed engineering, procurement, installation supervision and validation IQ/OQ of the process media systems including WFI and pure steam of the pilot plant for the Biotech laboratory. | Biotech | API | EUGMP/USFDA |
| 226 | 1997-98 | Gist Brocades AB, Strängnäs, Sweden | Basic design of the capacity extension of the plant. | Biotech | Bulk | EUGMP/USFDA |
| 227 | 1997-98 | Astra Production Chemicals AB, Södertälje, Sweden | Basic design of the pilot plant for the Biotech laboratory. | Biotech | Lab and research | EUGMP/USFDA |
| 228 | 1997 | Pharmacia Biotech AB, Uppsala, Sweden | Predesign of process waste water system and recovery of methanol and heptane by distillation. | Generic | OSD | EUGMP/USFDA |
| 229 | 1997 | Pharmacia & Upjohn, Strängnäs, Sweden | Revision of PID's for an existing biofactory. | Biotech | Injections | EUGMP/USFDA |

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| 230 | 1997 | Pharmacia & Upjohn, Strängnäs, Sweden | 3D-modelling of the WFI-systems. | Biotech | Injections | EUGMP/USFDA |
| 231 | 1996-98 | Pharmacia & Upjohn, Strängnäs, Sweden | Basic and detailed engineering for the fermentation plant, procurement, installation supervision and validation IQ/OQ. | Biotech | Injections | EUGMP/USFDA |
| 232 | 1996 | Medpolymer, St. Petersburg, Russia | Predesign of the LVP plant | Generic | Injections | EUGMP/USFDA |
| 233 | 1996 | Pharmacia Biotech AB, Uppsala, Sweden | VOC-calculations. Design to minimise VOC-emissions, investment calculations. | Generic | Bulk | EUGMP/USFDA |
| 234 | 1996 | Pharmacia & Upjohn, Uppsala, Sweden | Extension of a synthesis unit. Predesign, investment calculations. | Generic | Bulk | EUGMP/USFDA |
| 235 | 1996 | Astra Production Chemicals AB, Södertälje, Sweden | Rewamping of storage area for organic solvents. Plant and piping design. | Generic | Multipurpose plant | EUGMP/USFDA |
| 236 | 1996-97 | RVS, Uppsala, Sweden | TPN project for Pharmacia & Upjohn. Writing of the quality handbook for the mechanical installations. Attendance in the mechanical installations as quality manager, coordination of mechanical installations. Design of piping supports in aseptic and technical areas. | Generic | LVP | EUGMP/USFDA |
| 237 | 1995-96 | Leiras Oy, Tampere, Finland | Extension of the WFI-system. Turnkey delivery including validations, IQ and OQ as well as documentation. | Generic | Injections | EUGMP/USFDA |
| 238 | 1995 | Astra Production Chemicals AB, Södertälje, Sweden | Penicillin Plant. Layout and piping design for the expansion of the plant. Improvement of the systems for handling of solvents. | Penicillin | Bulk | EUGMP/USFDA |
| 239 | 1994-95 | Pharmacia, Uppsala, Sweden | Equipment purchasing and installation supervision. | Generic | Bulk | EUGMP/USFDA |
| 240 | 1994 | Astra Production Chemicals AB, Södertälje, Sweden | Design of removal of production bottlenecks in a synthesis plant. | Generic | Bulk | EUGMP/USFDA |
| 241 | 1993 | Leiras Oy, Tampere, Finland | Process and plant design, HVAC design, electric and automation design of a plant for small volume parenterals. | Generic | Injections | EUGMP/USFDA |
| 242 | 1992 | Kabi Pharmacia, Uppsala, Sweden | Synthesis unit of pharmaceutical plant. Process, layout and piping design, equipment purchases and installation supervision and startup, process electric design and instrumentation. | Generic | Bulk | EUGMP/USFDA |