

PROJECTS

Selection of realised projects:

2002:

WIEN-VALLEY SEWER, STORM WATER RETENTION TUNNEL

Designed systems:

Supply air system for revision works within the 2,5 km long storm water retention tunnel, positive pressure ventilation for the underground access buildings and ventilation systems to the operating floors.

Scope of services:

Preliminary design

2002:

KIERLING - ELEMENTARY SCHOOL

Designed systems:

Heating, ventilation and plumbing installations for the building extension with a 200 kW wood chip combustion unit with automatic push floor silo discharge as well as system controls.

Scope of services:

System design, Preparation of tender documents, Accompanying construction management

2002/2003:

BABENBERGERHALLE KLOSTERNEUBURG - CULTURAL HALL

Designed systems:

Revitalisation of chiller plant, chilled water supply system and air conditioning plant in the cultural hall, renewal of the system controls.

Scope of services:

System design, Preparation of tender documents, Evaluation of tender proposals, Construction management

2003:

KOLLBURGGASSE VIENNA - RESIDENTIAL BUILDING

Designed systems:

Heating, cooling, ventilation and plumbing installations along with system controls for the historic mansion including chilled water supply, chilled ceilings and ventilation for the indoor swimming pool.

Scope of services:

System design, Preparation of tender documents

2004:

XIAOHONGMEN / PEKING PURIFICATION PLANT

Designed systems:

Heat supply system for the purification plant by large dual gas fired boilers and gas engines with a total heat capacity of around 8000 kW, heat distribution to sludge heaters.

Scope of services:

Circuit design and equipment specifications

2004:

JORO SYSTEMS GMBH. - GROSSPETERSDORF - PRODUCTION BUILDING

Designed systems:

Heating, air conditioning, ventilation and plumbing installations as well as system controls for the production hall and the administrative block.

Scope of services:

System design, filing documents, preparation of tender documents, evaluation of tender proposals

2004:

WR.NEUSTADT SÜD - PURIFICATION PLANT

Designed systems:

Changes to the circuit design of the heat supply system with boiler units and gas engines with a total heat capacity of around 1800 kW including appropriate system controls.

Scope of services:

Preliminary design

2005:

„KREMAYR“ BUILDING YBBSITZ / SINFONIA FERRUM - MUSEUM

Designed systems:

Heating, ventilation and plumbing installations for the revitalised historic building complex along with the system controls and air conditioning system with chilled water supply for the "Sinfonia Ferrum" - exhibition spaces within the roof space.

Scope of services:

System design, filing documents, preparation of tender documents, evaluation of tender proposals,

2005:

WALLERSEE SÜD - PURIFICATION PLANT

Designed systems:

Integration of a combined heat and power unit (CHP) into the heat supply system of the clarification plant. Ventilation equipment for the engine room.

Scope of services:

Circuit design, equipment specifications, hydraulic circuit balancing

2005:

VIENNA UNIVERSITY OF ECONOMICS

Designed systems:

Changes to the circuit design of the data centre chilled water system and integration into the large chiller plant of the building.

Scope of services:

System design, Preparation of tender documents, Evaluation of tender proposals

2005/2006:

HÖFLEIN/DONAU - KINDERGARTEN AND CULTURAL CENTRE

Designed systems:

Heating, ventilation and plumbing installations with a controlled ventilation system at low-energy building standard, solar water heating and system controls.

Scope of services:

System design, preparation of tender documents, evaluation of tender proposals, accompanying construction management

2006:

BAD GLEICHENBERG - HALL OF RESIDENCE

Designed systems:

Heating, ventilation, air conditioning and plumbing installations including a 350 kW – biomass combustion plant, solar water heating system and the appropriate system controls.

Scope of services:

System design, preparation of tender documents, evaluation of tender proposals

2006/2007:

VIENNA UNIVERSITY OF ECONOMICS

Designed systems:

Replacement of computer room air conditioning units and renewal of data centre and library chiller plant as well as appropriate system controls, cooling capacity 400 kW.

Scope of services:

System design, filing documents, preparation of tender documents, evaluation of tender proposals

2006/2007:

VIENNA UNIVERSITY OF NATURAL RESOURCES AND APPLIED LIFE SCIENCES

Designed systems:

Central computer room air conditioning system with redundant A/C units and free cooling winter operation.

Scope of services:

System design, filing documents, preparation of tender documents, evaluation of tender proposals

2006/2007:

VIENNA NEOCATECHUMENAL CENTRE

Designed systems:

Heating-, air conditioning, ventilation- and plumbing-systems for the catholic centre, including meeting rooms, oratories and a subsurface church.

Scope of services:

Conceptual designs, Cost estimating, Calculation of energy demand

2007:

UNIVERSITY OF VIENNA – DEPARTMENT OF BIOLOGY

Designed systems:

Reconstruction of the central water treatment system including the replacement of reverse osmosis units.

Scope of services:

System design, Preparation of tender documents, Evaluation of tender proposals

2007/2008:

KINDERGARTEN STOLPECKGASSE KLOSTERNEUBURG

Designed systems:

Heating, ventilation and plumbing installations for the four-group-kindergarten, with controlled mechanical ventilation system, solar water heating and system controls.

Scope of services:

System design, Preparation of tender documents, Evaluation of tender proposals, Construction-accompanying supervision

2008/2010:

CASA KAGRAN, VIENNA - SENIOR RESIDENCE

Designed systems:

Heating, ventilation and plumbing installations for the multipurpose high-rise building, including a 135 bed nursing home with administration spaces, 14 care apartments and a four-group-kindergarten. Controlled mechanical ventilation system for the nursing home, various safety ventilation facilities, such as garage-ventilation, ventilation for airlock entries to floors and positive pressure ventilation for stairwells, central water heating system with additional solar heat supply and system controls.

Scope of services:

System design, Filing documents for positive pressure ventilation, Functional tender documents, Construction-accompanying supervision

2009/2010:

VIENNA - APARTMENT BUILDING RENNBAHNWEG

Designed systems:

Heating, ventilation and plumbing installations for the high-rise apartment building, central heating system with peripheral hot water heating by tankless run-through modules, garage-ventilation, domestic ventilation by bathroom fans, system controls.

Scope of services:

System design, Construction-accompanying supervision

2009:

ST.ANDRÄ-WÖRDERN - APARTMENT BUILDING

Designed systems:

Heating, ventilation and plumbing installations including controlled domestic ventilation and solar hot water heating for the apartments and row houses.

Scope of services:

Functional tender documents

2008/2010:

KLOSTERNEUBURG - KINDERGARTEN REISSGASSE

Designed systems:

Heating, ventilation and plumbing installations for the six-group-kindergarten, with controlled mechanical ventilation system, solar water heating and system controls.

Scope of services:

System design, Preparation of tender documents, Evaluation of tender proposals, Construction-accompanying supervision

2009:

KLOSTERNEUBURG - APARTMENT HOUSE BABOGASSE

Designed systems:

Heating, ventilation and plumbing installations for 13 row houses including distribution of water and natural gas on the property.

Scope of services:

System design, Preparation of tender documents, Evaluation of tender proposals

2011:

GISSHÜBL - RESIDENTIAL HOUSE

Designed systems:

Heating, ventilation and plumbing installations for the private residence, with a double duty woodlog-pellet furnace and a thermal solar system for room-, hot water- and pool-heating purposes.

Scope of services:

System design, Preparation of tender documents

2011:

KRITZENDORF - AGRICULTURAL BUILDING

Designed systems:

Heating, ventilation and plumbing installations for the refurbished building, heating system with pellet furnace.

Scope of services:

System design, Preparation of tender documents, Evaluation of tender proposals

2011/2013:

KLOSTERNEUBURG CULTURAL HALL

Designed systems:

Replacement of the preheating circuit for the side room airhandling units including system controls.

Scope of services:

System design, Preparation of tender documents, Evaluation of tender proposals, Construction-accompanying supervision

2012:

GERAUS - RESIDENTIAL HOUSE

Designed systems:

Heating, ventilation and plumbing installations for the private residence, with solar hot water heating and local heat supply from the existing agricultural building.

Scope of services:

System design, Preparation of tender documents, Evaluation of tender proposals

2012:

KLOSTERNEUBURG - APARTMENT HOUSE NEIDHARDGASSE

Designed systems:

Heating, ventilation and plumbing installations for 9 freehold flats including distribution of water and natural gas on the property.

Scope of services:

System design, Preparation of tender documents, Evaluation of tender proposals

2012/2013:

KLOSTERNEUBURG MUNICIPAL MUSEUM

Designed systems:

Replacement of the air conditioners for depots and exhibition rooms including low temperature chilled-water production and new chilled-water supply as well as system controls.

Scope of services:

System design, Preparation of tender documents, Evaluation of tender proposals

2013:

SOMMEREIN - RESIDENTIAL HOUSE

Designed systems:

Restoration resp. adaption of heating and plumbing systems in the course of energy-saving measures for the private residence.

Scope of services:

Detailed design and specification of materials

2013:

VIENNA - WORKSHOPS BUILDING MOLLARDGASSE

Designed systems:

District heating supply for the historical workshops building and the accompanying apartment block including the heat supply systems within the buildings and system controls; Designed heat supply capacity: approx. 1700 kW

Scope of services:

System design, Preparation of tender documents, Evaluation of tender proposals