

REFERENC LIST ENERGY INFRASTRUCTURE

- Energy projects -

Project description	Investor	Year
Preparation of the Main Design for the relocation and protection of transmission lines on the Šićki Brod – Đurđevik road route, section 1, subsection 1, km 0+300 to km 5+400	PC RoadsFBiH	2025
Project for the electrical phase of the new pumping station at Lake Svitava near Čapljina for the needs of JP Elektroprivreda HZ HB d.d. Mostar, CHE Čapljina Electrical installations in the pumping station facility Electricity supply from the substation to the pumping station (poles, electric cable) with a total length of approximately 600m	INK Constructor d.o.o. Banja Luka	2025
Development of project documentation for the Construction of a flue gas desulfurization plant at the Kakanj Thermal Power Plant in Kakanj -Development of a Conceptual Design in accordance with the Regulation on the type, content, marking and storage, control and validation of investment and technical documentation ("Official Gazette of the Federation of BiH", No. 33/10 and 98/14) for the purposes of obtaining an urban planning permit, with the following content: Book 1 - General documentation Book 2 - Architecture Book 3 - Construction Book 4 - Hydro Book 5 - Electrical Book 6 - Mechanical engineering Book 7 - Exterior design Book 8 - Construction waste management plan -Development of the Main Design in accordance with the Regulation on the type, content, marking and storage, control and validation of investment and technical documentation ("Official Gazette of the Federation of BiH", No. 33/10 and 98/14) for the purposes of obtaining an urban planning permit, the following content: Book 1 - General documentation Book 2 - Architecture Book 3 - Construction Book 4 - Hydro Book 5 - Electrical Book 6 - Mechanical Book 7 - Exterior design Book 8 - Construction waste management plan -Preparation of the Detailed Design in accordance with the Regulation on the type, content, marking and storage, control and validation of investment and technical documentation ("Official Gazette of the Federation of BiH", No. 33/10 and 98/14) for the purposes of obtaining an urban planning permit, the following content: Book 1 - General documentation Book 2 - Architecture Book 3 - Construction Book 4 - Hydro Book 5 - Electrical Book 6 - Mechanical Book 7 - Exterior design -Preparation of the As-Built Design in accordance with the Regulation on the type, content, marking and storage, control and validation of investment and technical documentation ("Official Gazette of the Federation of BiH", No. 33/10 and 98/14) for the purpose of obtaining an urban planning permit, with the following content: Book 1 - General documentation Book 2 - Architecture Book 3 - Construction Book 4 - Hydro	PC Elektroprivreda BiH – TPP Kakanj (ITC Zenica)	2025

Book 5 - Electrical Book 6 - Mechanical Book 7 - Exterior design -Static calculation and preparation of a study on the chimney structure after the application of the Pennguard system based on the chimney testing report and the original project		
Chero Wind Farm -Main design of wind turbine foundations including drawings, calculation, verification, report and bill of quantities and estimate -Main design of administrative building and warehouse	WINDTHINK, TURKIYE	2024
Pirveli Wind Farm -Main design of wind turbine foundations including drawings, calculation, verification, report and bill of quantities and estimate -Main design of administrative building and warehouse	WINDTHINK, TURKIYE	2024
Development of project documentation for connecting FNE Tihaljine and TS: CONCEPTUAL DESIGN Development of Conceptual Design of MV junction 9.5 km Development of Conceptual Design of relocation of 110kV transmission line with connection to substation MAIN PROJECT Development of Conceptual Design of MV junction 9.5 km Development of Conceptual Design of relocation of 110kV transmission line with connection to substation GEODETIC SURVEYING Geodetic survey of MV cable route, location for relocation of transmission line and preparation of study	Lager doo	2024
Development and preparation documentation: a) geodetic base certified by an authorized geodetic organization, b) list of the extreme and highest points on the object with data on coordinates and altitude. c) Coordinates of the facility (latitude and longitude) in (Gauss-Kruger and WGS – 84 projection) expressed as coordinates (y,x), and the altitude (h) of the extreme and most significant highest points on the facility expressed in meters (dimension rounded to two decimal places), issued by an authorized geodetic organization, d) wider situation with the plotted location of the facilities, e) appearance of the facilities and its vertical section with data on relative height in relation to the terrain -Study on marking and lighting of wind turbines for the Gradina wind farm	Lager doo	2024
Revision of the main design of the Mučavača WPP	EA ENERGY doo	2024
Preparation of project documentation for 5 TS for the needs of SPP	Lager doo	2024
Geodetic survey for the areas of ZP „Elektro distribucija“ a.d. Pale according to the specification from the framework agreement of the client with Mixed Holding „ERS“ MP as Trebinje	GRID doo Banja Luka	2024
Development of technical documentation for the preliminary and main design of the 400kV transmission line in Bileća and geodetic surveying, staking and preparation of studies	Bičakčić doo	2024
Main design of the light marking system of the PSS central line	PC International Airport Tuzla	2024
Development of project documentation for the WPP "Gradina 41.6 MW + 60 MW" PRELIMINARY DESIGN (Inspection, repackaging and certification of the preliminary design) MAIN DESIGN CONSTRUCTION PHASE Development of the main design for access and connecting roads Development of the main design of intersection Development of the main design of the plateau Development of the main design of the foundation of wind turbines THE MAIN DESIGN OF SN DISCONNECTION AND GROUNDING OF WG Development of the main design of the SN layout Development of the main design of WG grounding STUDIES Preliminary design-Construction waste management plan Main design-Construction waste management plan	Lager doo	2024

Verification of project documentation from the point of view of occupational safety and fire protection Verification of project documentation from the point of view of fire protection, Preliminary and main design of fire protection project		
Preliminary design of the Pločno WPP 35/400 kV	Energy 3 d.o.o. Mostar	2024
Preliminary design of the 35/400 kV substation	Energy 3 d.o.o. Mostar	2024
Preliminary and main design of the 35/400 kV substation Preliminary and main design of the 400kV transmission line For the needs of solar power plant and wind power plant KORITA, MONTENEGRO	Permonete doo	2023
Preliminary and main design of the 35/110 kV substation Preliminary and main design of the 110kV transmission line For the needs of wind power plant BIJELA, MONTENEGRO	Permonete doo	2023
Preliminary design of the light marking system of the PSS central line	PC International Airport Tuzla	2023
Development of project documentation for the photo voltage power plant Bosanski Milanovac - Sanski Most	Conversio BH d.o.o	2023
Development of the main project for the rehabilitation of part of the transformer station maintenance facility	J.P. International Airport Sarajevo	2023
Development of a feasibility study for the solar power plant and Wind power plant Čosovica, municipality of Rožaje, Montenegro	BSD Mont	2023
Development of a feasibility study for the solar power plant Vulaš, municipality of Cetinje, Montenegro	BSD Mont	2023
Development of the conceptual design of the 66 MW Podveležje wind power plant	Energy 3 d.o.o.	2023
Revision for the main project solar power plant SE "Dubravica 1" 500KW	Valter elektroenergetika	2023
Cable distribution 30Kv for wind power plant "SIROKA DRAGA" Revision of project documentation for "TS 220/30 Kv (2X73 MVA)	Bičakčić	2023
CONSULTING SERVICES FOR THE PREPARATION OF THE CONCEPTUAL AND MAIN PROJECT FOR THE CONSTRUCTION OF THE MOTORWAY SECTION MOSTAR NORTH – MOSTAR SOUTH CONCEPTUAL PROJECT		
<u>Installations</u> -Electrical engineering construction project for transformer stations 10(20)0.4 kV -Electrical engineering construction project for relocating the protection of electrical objects and lines (medium and high voltage) -Electrical engineering construction projects for road lighting, loops, toll plazas (CP), and control centers (COKP) -Projects for the protection and relocation of existing installations, pipelines, sewage, and gas pipelines, etc.		
<u>Architectural and Landscape Design</u> -Architectural project for CP and COKP buildings -Construction project for CP and COKP buildings -Project for water supply, sewage with drainage and wastewater treatment for COKP and CP -Project for electrical installations of CP and COKP buildings -Project for heating, ventilation, and air conditioning of CP and COKP buildings		
TRASA (Investor PC MOTORWAYS FBiH)		2022
MAIN PROJECT <u>Traffic Equipment and Signaling</u> -Project for temporary traffic signaling and road equipment -Project for traffic signaling and equipment for the motorway and roads to be used for temporary traffic management during the commissioning of the constructed section until the next section is built and commissioned -Variable traffic signaling and traffic information system project		
<u>Structures (Engineering Constructions)</u> -Project for bridges and viaducts -Bridge 10 (Bridges/viaducts length 0-100 m) -Projects for main drainage and hydrotechnical constructions		
<u>Installations</u>		

-Project for the protection and relocation of existing utility installations, water supply, sewage, gas pipelines, and telecommunications installations
 -Electrical engineering project for the relocation and protection of electrical objects
 -Construction project for the relocation of electrical objects
 -Electrical engineering project for transformer stations
 -Construction project for transformer stations
 -Electrical engineering project for road lighting of CP, COKP, and connections
 -Construction project for CP, COKP, road lighting, and connections
 -Project for new utility installations, water supply, and sewage
Architectural and Landscape Design
 -Architectural project for CP buildings
 -Construction project for CP buildings
 -Project for water supply, sewage with drainage and treatment of fecal and stormwater from CP buildings
 -Electrical engineering project for CP
 -Project for heating, ventilation, and air conditioning of CP buildings
 -Project for interior design and equipment of CP buildings

Development of project documentation (Detail design) for the "Ivan Sedlo" wind farm 25 MW

CIVIL PHASE

Geodetic survey of the terrain (715.000,00m²)
 Detail design for service roads L=8,9km
 Detail design of the intersections
 Detail design of the hard stands for wind turbines (5 hard stands)
 Detail design of the foundation of wind turbines (5 foundations)
 Detail design of architectural facility
 Detail design of supporting and cladding structures and culverts
 Detail design of drainage

Interwind d.o.o.
Sarajevo 2022

ELECTRICAL PHASE

Detail design of the MV distribution

GEOLOGICAL WORKS AND STUDIES

Development of a feasibility study for the wind park Montenegro

BSD MONT d.o.o.
Podgorica 2022

Feasibility study for SPP Vuča 148 MWp, Rožaje municipality, Montenegro

- Definition of necessary permits for project implementation
- Location description
- Location energy potential analysis
- Electricity generation assessment
- Arrangement of the solar panel
- Recommendations
- Conceptual solution
- Economic analysis of the project
- Economic and financial analysis of the project
- Salary and allowance costs
- Business performance
- Income statement
- Balance sheet
- Cash flow
- Economic indicators
- Payback
- IRR
- NPV - net present value
- Conclusion
- Profit for the local community and competent canton
- Income statement for the period 2021-2031
- Cash flow
- IRR
- Repayment plan
- Description of nature and number of projected emissions into environment as well as identification of significant environmental impacts

BSD MONT d.o.o.
Podgorica 2022

• Drawings		
Preliminary design of WPP Pločno 80 MW which includes:		
Technical description		
Transport		
Foundations and other construction work		
Electric part		
Technical description of the location		
Assessment of potential impacts on the environment	Energy 3 doo	2022
Estimated CO2 savings	Mostar	
Organization and implementation of the project		
Regulations, permits, consents		
BoQ of equipment and material works - investments and operating budget		
Financial analyses		
The proposed project of SS WPP Pločno		
Supplementing the main electrical project for 7 tram stops: Pofalići A, Pofalići B, Čengić Vila A, Čengić Vila B, Nedžarići A, RTV B and Otoka B.	BS Telecom Solutions d.o.o. Sarajevo	2022
The provision of services during the construction of the SPP Stolac 126,6 MWp (22 solar plants) with a 200/x kV substation includes:		
<u>Feasibility study with the proposed solution for SPP Stolac 126,6 MWp</u>		
<u>Solar power plant Stolac 126,6 MWp</u>		
Preliminary design		
Main design		
Detail design		
<u>Substation Stolac</u>		
Preliminary design		
Main design		
Detail design		
<u>Access and service roads for SPP and SS</u>		
Preliminary design		
Main design		
Detail design		
<u>Revision of design</u>		
<u>Studies</u>		
Grid connection study		
Environmental impact study		
Occupational study		
Fire protection study		
Reflection protection study		
<u>Other documentation</u>		
Internal construction supervision		
Support during commissioning of SPP and SS Stolac		
<u>Consulting services</u>		
Consulting		
Creation and elaboration of technical documentation		
Analysis and monitoring of SPP work		
Marketing		
<u>Feasibility study and project documentation (Preliminary design) for solar power plant „Bosansko Grahovo” 88,52 MWp</u>		
<u>Architectural - civil design</u>		
Access roads		
Service roads		
Construction support		
Foundations of structural support		
Cable ducts		
Fences		
Landscaping and leveling		
Specification and cost estimation of materials and works		
Drawings		
<u>Electrical part</u>		
Definition of the concept of generation		
Preliminary design for the layout of solar panels		
Preliminary design of the connection substation (LV / MV) for a particular group of solar plants		
Conceptual design of substation locations (MV / HV)	PROMONDIS ENERGY BH D.O.O.	2021

Calculation of LV cables
Calculation of MV cables
Solar power plant technical control system
Specification and cost estimation of materials and works
Drawings single line diagram
Preparation of a feasibility study for the award of a concession

Preliminary design of roads and hard stand with the layout of wind turbines for WPP Šina lokva (30MW) and Preško polje (30 MW) JP "Elektro-Trnovo" d.o.o. Trnovo 2021

Feasibility study for the award of a concession for WPP Ština lokva 30MW JP "Elektro-Trnovo" d.o.o. Trnovo 2021

Feasibility study and project documentation (Preliminary and main design) for WPP "Hojta" 30 MW

Civil phase

Project documentation of access roads
Project documentation of intersections for access roads
Project documentation of operational hard stands
Project documentation for wind turbines foundation
Project audits

Electrical part

Project documentation for medium voltage cable distribution grid (electrical and civil part of the project)
Project documentation of SS 110/35 kV
Electrical projects (Switchgear 110 kV i 33 kV, switchgear, distribution of auxiliary AC voltage 400/230 V, 50 Hz and uninterruptible power supply system with distribution of auxiliary DC voltage 220V, local and remote-control system, signaling, protection and measuring of 110 kV i 33 kV switchgear for SS 110/33 kV, grounding and lightning protection SS 110/33 kV, telecommunications)
-Architectural - civil design (building, steel construction and foundations for outdoor equipment, hard stand with service roads and protective fence SS)
- Installation projects (water supply and sewage, electrical installations, mechanical installations, outdoor lighting, alarm system and video surveillance)
Studies: (geotechnical study of SS, Survey study, Fire and explosion protection, Safety at work, Waste management, Environmental study)
Audit design
Other documentation
Creating a cadaster
Preliminary and detailed design of the construction waste management plan
Safety at work study
Main design for fire protection with audit
Study for grid connection
Environmental study
Geology and geotechnics
Preparation of a study on engineering geological and geotechnical characteristics of the soil and geotechnical project of Mission G1
Preparation of a study on engineering geological and geotechnical characteristics of the soil and geotechnical project of Mission G21
Project audit (Mission G23)
Preparation of a feasibility study for the award of a concession

FERI WIND
ENERGY D.O.O. 2021

Feasibility study and project documentation (Preliminary and main design) for WPP "Šiljak" 30 MW

Civil phase

Project documentation of access roads
Project documentation of intersections for access roads
Project documentation of operational hard stands
Project documentation for wind turbines foundation
Project audits

Electrical part

Project documentation for medium voltage cable distribution grid (electrical and civil part of the project)
Project documentation of SS 110/35 kV

BABI WIND
ENERGY D.O.O. 2021

Electrical projects (Switchgear 110 kV i 33 kV, switchgear, distribution of auxiliary AC voltage 400/230 V, 50 Hz and uninterruptible power supply system with distribution of auxiliary DC voltage 220V, local and remote-control system, signaling, protection and measuring of 110 kV i 33 kV switchgear for SS 110/33 kV, grounding and lightning protection SS 110/33 kV, telecommunications)

-Architectural - civil design (building, steel construction and foundations for outdoor equipment, hard stand with service roads and protective fence SS)

- Installation projects (water supply and sewage, electrical installations, mechanical installations, outdoor lighting, alarm system and video surveillance)

Studies: (geotechnical study of SS, Survey study, Fire and explosion protection, Safety at work, Waste management, Environmental study)

Audit design

Other documentation

Creating a cadaster

Preliminary and detailed design of the construction waste management plan

Safety at work study

Main design for fire protection with audit

Study for grid connection

Environmental study

Geology and geotechnics

Preparation of a study on engineering geological and geotechnical characteristics of the soil and geotechnical project of Mission G1

Preparation of a study on engineering geological and geotechnical characteristics of the soil and geotechnical project of Mission G21

Project audit (Mission G23)

Preparation of a feasibility study for the award of a concession

Preparation of design documentation Main and Detail design SS TS 33/110kV for WPP Grebak that includes following phases:

- Project documentation of medium voltage cable distribution grid (electrical and civil part of the design)

- Project documentation for substation 33/110kV

- Electrical design (switchyard 110 kV i 33 kV, distribution of auxiliary AC voltage 400/230 V, 50 Hz and uninterruptible power supply system with distribution of auxiliary DC voltage, local and remote-control system, signaling, protection and measuring of 110 kV and 33 kV switchgear, grounding and lightning protection, grounding and lightning protection TS 110/33 kV, telecommunications)

-Architectural - civil design (building, steel construction and foundations for outdoor equipment, hard stand with service roads and protective fence SS)

- Installation projects (water supply and sewage, electrical installations, mechanical installations, outdoor lighting, alarm system and video surveillance)

Studies: Fire and explosion protection, Safety at work, Waste management

Project auditing

Preparation of a feasibility study for the award of a concession

Project documentation for Reconstruction of SS 110 / x kV Gračanica Architectural and civil phase	Elektroprijenos BiH a.d	2021
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Project documentation for reconstruction and extension of SS 110 / x kV Hadžići. Architectural and civil phase	Elektroprijenos BiH a.d	2021
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Project documentation for reconstruction of SS 110 / x kV Sarajevo 1 Architectural and civil phase	Elektroprijenos BiH a.d	2021
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Project documentation for construction of TS 110 / x kV Živinice Architectural and civil phase	Elektroprijenos BiH a.d	2021
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Revision of investment and technical documentation "Main design of gypsum silos with dosing system on MC1 and C2" with the following phases: Architecture Constructions Hydro installations Electrical installations	ATRIUS PROJEKT d.o.o. Živinice	2021
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Feasibility study and project documentation (Preliminary design) for solar power plant „Bjelajski Vaganac“ 88,71 MWp Architectural - civil design Access roads	PROMONDIS ENERGY BH D.O.O.	2020
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Service roads
Construction support
Foundations of structural support
Cable ducts
Fences
Landscaping and leveling
Specification and cost estimation of materials and works
Drawings

Electrical part

Definition of the concept of generation
Preliminary design for the layout of solar panels
Preliminary design of the connection substation (LV / MV) for a particular group of solar plants
Conceptual design of substation locations (MV / HV)
Calculation of LV cables
Calculation of MV cables
Solar power plant technical control system
Specification and cost estimation of materials and works
Drawings single line diagram
Geodetic surveying
Preparation of a feasibility study for the award of a concession
Other documentation
Construction waste management conceptual plan

Feasibility study and project documentation (Preliminary and main design) for WPP „Ivan Sedlo“ 25 MW

Civil phase

Project documentation of access roads
Project documentation of intersections for access roads
Project documentation of operational hard stands
Project documentation for wind turbines foundation
Project audits

Electrical part

Project documentation for medium voltage cable distribution grid (electrical and civil part of the project)
Project documentation of SS 110/35 kV
Electrical projects (Switchgear 110 kV i 33 kV, switchgear, distribution of auxiliary AC voltage 400/230 V, 50 Hz and uninterruptible power supply system with distribution of auxiliary DC voltage 220V, local and remote-control system, signaling, protection and measuring of 110 kV i 33 kV switchgear for SS 110/33 kV, grounding and lightning protection SS 110/33 kV, telecommunications)

-Architectural - civil design (building, steel construction and foundations for outdoor equipment, hard stand with service roads and protective fence SS)
- Installation projects (water supply and sewage, electrical installations, mechanical installations, outdoor lighting, alarm system and video surveillance)

Studies: (geotechnical study of SS, Survey study, Fire and explosion protection, Safety at work, Waste management, Environmental study)

Audit design

Other documentation

Creating a cadaster

Preliminary and detailed design of the construction waste management plan

Safety at work study

Main design for fire protection with audit

Study for grid connection

Environmental study

Geology and geotechnics

Preparation of a study on engineering geological and geotechnical characteristics of the soil and geotechnical project of Mission G1

Preparation of a study on engineering geological and geotechnical characteristics of the soil and geotechnical project of Mission G21

Project audit (Mission G23)

Preparation of a feasibility study for the award of a concession

SLUZON WIND
ENERGY BH
d.o.o.

2020

Preliminary design for electro installation for mine Rupice, Vareš	EASTERN MINING D.O.O. SARAJEVO	2020
Main design (electrical part) of motorways on corridor Vc, Lot 4: Zenica bypass subsection Klopče-Donja Gračanica Main design of traffic management system, with cable sewerage and optics Main design of traffic management on the sub-section of the Zenica bypass Main design of the fire alarm system in the artificial tunnel Klopče Main design of traffic management project on the Klopče sub-section Medium voltage supply project of 10 (20) kV cable water	PC Motorways FBiH	2020
Main design (electrical part) of motorways on corridor Vc, Lot 4: Zenica bypass Klopče-Donja Gračanica subsection main design of electrical - mechanical installations	PC Motorways FBiH	2020
Auditing of the Main Project of the Business Center in Sarajevo, location Butmir, Municipality of Ilidža at all stages:- Architectural and construction project- Electrical installation project- Machine installation project- Water supply and sewerage project-Project of external arrangement and access roads. Consulting services	BIHAMK UG	2020
Revision of the Main Design of the King Salman bin Abdulaziz Scientific Research Institute within the Sarajevo School of Science and Technology campus. The building is located on a plot of 9,000 m² and the building area is 3,317 m², which consists of three garages and GF + 3, 73 parking spaces are planned on the plot. The building is composed of several units; congress center, scientific research center (includes examination halls, laboratories and accommodation units in the function of a day hospital), garages and recreational space on the roof surface. The following phases of the main project were audited: • architectural project • construction project • project of hydraulic installations • electrical installation project • mechanical installation project • exterior design project • fire protection • interior and equipment design • Occupational safety study • sprinkler installation project • energy efficiency study • geotechnical project	UNIVERSITY SARAJEVO SCHOOL FOR SCIENCE AND TECHNOLOGY	2020
Auditing of project documentation: 1. Main design of SHPP Crni Most 2. Main design of SHPP Gračanica 3. Main design of SHPP Gradina 4. Main design of SHPP Marina Pećina 5. Main design of SHPP Modri Vir 6. Main design of SHPP Volujak	BIČAKČIĆ d.o.o.	2019
Main design of the gas boiler room for steam production with a capacity of 150t / h: architectural phase constructive phase electro phase machine phase	TOPLANA ZENICA D.O.O.	2019
Detailed design for SS Pazarić and SS Žepče	ELCOM D.O.O.	2018
Auditing of the Main Project of SHPP Srijanski most and SHPP Gorovnik Ušće	PC Elektroprivreda dd Sarajevo	2017
Feasibility study for the construction of the distribution system and distribution of natural gas for the area of the municipalities of Jajce, Donji Vakuf, Bugojno and Gornji Vakuf / Uskoplje	Bosna-S	2016
Development of project documentation for capital facilities – construction and reconstruction of medium voltage network for connection to new substations 110/x kV	PC Elektroprivreda BiH d.d.	2016

Reconstruction of the VN contact network facilities and relocation of cable infrastructure in the area object on IX transversal	Directorate for Roads of KS	2015
<u>Main design for WPP Kupres, Pakline 1 and Pakline 2 with total installed power 63 MW</u>		
Main design of access and service roads and operational hard stands for WPP Kupres, Pakline 1 and Pakline 2	Kamen-Dent doo	2014
Main design of TS 110 / 35kV 63 MVA for three WPP Kupres, Pakline 1 and Pakline 2		
MV cable distribution grid - Study of the technical solution of MV cable distribution grid and electrical installation project		
<u>Main design of SS 110/35kV – Podveležje for WPP Podveležje</u>		
<u>Electrical design</u>		
-Switchgear 110 kV i 35 kV		
-Voltage transformation 110/35 kV and grounding zvjezdista Transformatora		
-Voltage transformation 35/0,4 kV		
-Auxiliary AC voltage distribution 400/230 v, 50HZ and uninterruptible power supply system with distribution of auxiliary DC voltage 220 v		
-System of local and remote control, signaling, protection and measurement of 110 kV plant for TS 110/35 kV		
-System of local and remote control, signaling, protection and measurement of 35 kV plants and auxiliary devices for TS 110/35 kV		
-Earthing and lightning protection TS 110/35 kV		
-Measurement of geoelectric characteristics of the soil in the area covered by SS 110/35 kV		
-Telecommunications		
-Control and quality assurance program - <u>electrical part</u>		
<u>Architectural-civil project</u>		
Building SS 110/35 kV ((situation, architecture, building physics)		
steel structure and foundations of the apparatus hard stand SS 110/35 kV (traffic areas and protective fence)		
<u>Installation project</u>		
-water supply and sewerage, electrical installations, mechanical installations, outdoor lighting, alarm system and video surveillance		
Fire protection project		
<u>Studies</u>		
Geotechnical study of substations - Mission G21		
Geodetic study		
Fire protection measures study		
Safety at work study		
Waste management study		
Calculation of short circuit currents for SS 110/35 kV		
Environmental protection study		
Amendment of the existing main design of the substation 110/35 kV		
Podveležje to 110/30 kV/kV for WPP Podveležje		
Main design for relocation of signal telecommunication cable on Rajlovac Teretna - Alipašin Most line	PC Roads FBiH	2013
Main design of relocation of the traction track and arrangement of the road crossing and Main design of relocation of the signal telecommunication cable	PC Roads FBiH doo	2013
Main design for the reconstruction of the catenary and the position of the new route of railway cables in order to build the viaduct Briješće	PC Roads FBiH doo	2013
Revision of the Detailed design for relocation of underground installations and above-ground facilities at the construction site of block 7 in TPP Tuzla	PC Elektroprivreda dd Sarajevo	2013

-Mechanical installations-

Project description	Investor	Year
Revision of the Main Design of the Brnjeci District Regulation Station (RRS) and part of the secondary gas distribution network (SDPM) to the M5 Kaonik-Blažuj highway	IGT d.o.o. Sarajevo	2025
Revision for the main design of the primary gas distribution network (PDGM) on the section B-B', B' – rrs 10 (Phase XII)	IGT d.o.o. Sarajevo	2024
Preparation of design and technical documentation: Preparation of the main, detailed and as-built design for the replacement of the fresh and reheated steam lines (hot line) on the boiler block 4 in Tuzla Thermal Power Plant	ITC Zenica doo	2024
Revision of the main design of the secondary distribution gas network from RRS Azapovići to the circular flow of Lepenica with associated branches	Istraživačko razvojni centar za gasnu tehniku doo	2024
Revision of the main design of the regional regulatory station (RRS) Azapovići	Istraživačko razvojni centar za gasnu tehniku doo	2024
Revision of the main design of connecting the Zenica Cantonal Hospital to the gas network	IGT d.o.o. Sarajevo	2023
CONSULTING SERVICES FOR THE PREPARATION OF THE CONCEPTUAL AND MAIN PROJECT FOR THE CONSTRUCTION OF THE MOTORWAY SECTION MOSTAR NORTH – MOSTAR SOUTH CONCEPTUAL PROJECT <u>Installations</u> -Electrical engineering construction project for transformer stations 10(20)0.4 kV -Electrical engineering construction project for relocating the protection of electrical objects and lines (medium and high voltage) -Electrical engineering construction projects for road lighting, loops, toll plazas (CP), and control centers (COKP) -Projects for the protection and relocation of existing installations, pipelines, sewage, and gas pipelines, etc. MAIN PROJECT <u>Installations</u> -Project for the protection and relocation of existing utility installations, water supply, sewage, gas pipelines, and telecommunications installations -Electrical engineering project for the relocation and protection of electrical objects -Construction project for the relocation of electrical objects -Electrical engineering project for transformer stations -Construction project for transformer stations -Electrical engineering project for road lighting of CP, COKP, and connections -Construction project for CP, COKP, road lighting, and connections -Project for new utility installations, water supply, and sewage		
Revision of the main design: "Primary gas distribution networks with a pressure of 8 bar on the section GMRS - Business Zone Zenica 1" in the length of approx. = 2,156.58 m	PC Zenicagas	2021
Revision of the main design "Primary gas distribution network with a pressure of 8 bar on the section of the road Cantonal Hospital Zenica - First Zenica Brigade Street - Margita Street - Professor Mustafa Causevic Street" in the length of approx. 2644 m	PC Zenicagas	2021
Revision of the main design: "Main project of the part of the primary gas distribution network on the section of the part of the Bistua Nuova road	PC Zenicagas	2020
Revision of the main design: "Main design of the part of the primary gas network on the section of the road to Perin Han"	PC Zenicagas	2020
Preliminary and Main design for relocation of the part of the main gas pipeline that is in collision with the planned route of the First Transversal Sarajevo	Road Directory Canton Sarajevo	2020
Auditing of the Main Project of the Business Center in Sarajevo, location Butmir, Municipality of Ilidža at all stages:- Architectural and construction	BIHAMK UG	2020

project- Electrical installation project- Machine installation project- Water supply and sewerage project-Project of external arrangement and access roads. Consulting services		
Correction of project documentation Main design of AB culvert for protection of gas pipe at the collision site no. 4, highway Vc, section Drivuša - Donja Gračanica	TZI inženjering (Investor PC MOTORWAYS FBIH)	2020
Preliminary design for the reconstruction of the lead, zinc and barite ore exploitation plant at the location of Veovača I - Tisovci and Veovača II	ADRIATIC METALS EASTERN MINING	2020
Development of the Main - Detailed design for rehabilitation, reconstruction and new construction of the liquid petroleum fuel terminal in Mostar	OPERATOR - TERMINALI FEDERACIJE D.O.O.	2020
Preparation of project documentation for the natural gas station at the Biogas Power Plant in Kalesija (Preliminary and Main Design)	AGRO-VIS D.O.O.	2020
Consulting services for the construction of a flue gas desulphurization plant on block 6 in TPP Tuzla	PC ELEKTROPRIVREDA BIH DD	2020
Detailed design of a gas boiler room for steam production with a capacity of 150 t / h that include following phases: - Architectural phase - Constructive phase - Mechanical-technological phase - Electro phase - Detailed design of flue gas desulphurization DeSox that included following phases: - Architectural phase - Constructive phase - Mechanical-technological phase - Electro phase	KPA UNICON OY FINLAND & TOPLANA ZENICA D.O.O.	2019- 2022
Revision of project documentation of the boiler room		
Revision of project documentation DeSox		
Preparation of Investment-technical documentation: Preliminary design of heat supply from TPP Kakanj area to / and Sarajevo II phase (construction-architectural part of the project)	Energoinvest dd	2019
Auditing of the project documentation of the gas boiler room	KPA Unicon Oy Toplana Zenica d.o.o.	2019
Auditing of DeSox flue gas desulphurization project documentation	KPA Unicon Oy Toplana Zenica d.o.o.	2019
Preliminary design and preparation of tender documentation for the pipeline at the junction of BiH and HR for part of BiH (Zagvozd-Posušje-Novi Travnik with a branch to Mostar)		
- Construction project and preparation of timer documentation for the end user - Administratively performed tasks for the needs of preparation of studies for expropriation and necessary consent - Preparation of the necessary documentation for obtaining the previous water consent	Bosna S	2019
Processing of the Main design of the gas boiler room for steam production with a capacity of 150 t / h:		
- architectural phase - constructive phase - electro phase - machine phase (translation, processing, control, harmonization with local laws)	Toplane Zenica	2019
Preliminary and main project for the installation of compressed natural gas (CNG) for the needs of the steam boiler room Milkos d.d. Sarajevo and Akova Impex	Junuzović-Kopex d.o.o. Lukavac	2018
Preparation of Project documentation for collisions 1 and 2 of the existing main gas pipeline Semizovac - Zenica with the projected highway Zenica - Sarajevo, section Drivuša - Klopče and Preparation of project documentation for the main project of AB culvert for protection of gas	TZI-Inženjering d.o.o. Sarajevo (Investor PC MOTORWAYS FBIH)	2018 2019

pipeline at the site of collision no. 4, highway Vc, section Drivuša - Donja Gračanica		
Development of a conceptual solution (with technical specifications) for the connection of the Cantonal Hospital in Zenica (KBZ) to the natural gas network, which includes: - Technical description of the proposed location of the connection and route of the gas pipeline from the technical, economic and environmental aspect - Technical description of the main metering and regulation station (GMRS) with connection to the transmission and distribution gas pipeline, distribution gas pipeline with connection of the new boiler room within the Hospital complex, and calculation of pipe diameter as well as all other necessary technical parameters, - Preliminary drawings (dwg) of the main metering and regulation station (GMRS) with connection to the transmission and distribution gas pipeline (layout and P&ID), distribution gas pipeline with connection of the new boiler room within the Hospital complex, - Preliminary bill of quantities and estimate of works - List of valid regulations and technical requirements relevant for the preparation of project documentation and project implementation.	CETEO d.o.o. Sarajevo – Centar za tehnološki i okolinski razvoj	2018
Detailed design for TS Pazarić and TS Žepče	ELCOM d.o.o. Tuzla	2018
Preparation of a separate part of the project documentation for the complete rehabilitation of the Živinice terminal	Bosna-S d.o.o. Sarajevo	2017
Auditing of the project for the reconstruction of the main coke gas pipeline in the Arcelor-Mittal Zenica complex, construction, electrical and mechanical phase of the pipeline length of approximately 2 km	Energoinvest d.d. Sarajevo	2017
Auditing of the construction part of the Main Design for the reconstruction of SS 110/35/6 kV HAK, which includes a list of the following books: - Volume G01 Command and control building - architectural part, - Volume G02 Command and control building - construction part, - Volume G03 Command and control building - water supply and sewerage, - Volume G04 Hard stand with internal road and transport paths, cable channels and fence - construction part, - Volume G05 Appliance carriers with foundations, transformer foundation, - Volume G06 Command and control building - mechanical part.	Energoinvest d.d. Sarajevo	2017
Amendment of the main design of collision of the existing gas pipe line Semizovac-Zenica with the design of highway Zenica – Sarajevo, section Drivuša – Klopče, location 5 (km 5+000,00 ÷ 5+351,68)	EURO-ASFALT d.o.o. (Investor PC MOTORWAYS FBH)	2016
Main design of protection of the gas pipeline on service road AV, section Drivuša – Klopče, total 4 collisions	EURO-ASFALT d.o.o. (Investor PC MOTORWAYS FBH)	2016
Feasibility study of the construction of the distribution system and distribution of natural gas for areas of Jajce, Donji Vakuf, Bugojno i Gornji Vakuf/Uskoplje	Government of Middle Bosnia Canton	2016
Developing the part of the project within completely rehabilitation of the liquid oil fuel in Blažuj-Sarajevo	ENERGOINVEST d.d	2015
Developing the part of the construction project (Main Detailed design) within completely rehabilitate for the liquid oil fuel terminal Živinice in B&H	Bosna S doo Sarajevo	2015
Developing project documentation that consists of: - Heating phase - Ventilation phase - Air conditioning phase	PC International Ariport Sarajevo	2014
Developing of investment-technical documentation for replacing deterioration boilers in the boiler room of the Police Academy Vraca	Federal Ministry of Internal Affairs	2014
Auditing of amendments to the main design of air conditioning of server room- COKP Drivuša	CLIMA - TRADE doo SARAJEVO	2014
Designing the parts of the gas pipeline per annex for MZ Kruščica, MZ Gačice and MZ Mošunj on the gas pipeline Zenica-Travnik	Bosna S doo Sarajevo	2014
Auditing of the detailed design of relocation of underground installations and overhead facilities the location of the construction unit 7 TPP Tuzla	PC Elektroprivreda dd Sarajevo	2013

Main design for distributional gas pipeline Zenica-Travnik-construction phase	GP PUT d.d. Sarajevo	2013
Auditing of the tunnel ventilation project of tunnels Suhodoll and Grabosiječ	CLIMA - TRADE doo SARAJEVO	2013
Main design of "Maglaj central heating boiler I and II phase" architectural and construction project with electro phase	Maglaj Municipality	2012
Auditing of the detailed design dusting clinker silo S3	Kakanj Cement	2012
Main design of collision of existing pipeline Semizovac-Zenica with the projected highway Zenica-Sarajevo subsection 2 Klopče - Donja Gračanica	TZI inženjering	2012
Preparation of investment-technical documentation for the connection of the boiler room of the Police Academy on natural gas	Federal Ministry of Internal Affairs	2011
Main project design of facilities of liquefied natural gas compressor station in Reljevo	Bosna S	2011
Main design and project-block reconstruction of the station on the main pipeline Semizovac-Zenica	BH GAS doo Sarajevo	2011
Main design and project-block reconstruction of the station on the main pipeline Semizovac-Zenica - mechanical part	BH GAS doo Sarajevo	2011
Preliminary design of a new SSL calcination architectural - construction project - Volume I -	SISECAM SODA LUKAVAC	2010
Detail design of mechanical project of steel structure "towing carrier" for a new clinker silo No.3 - coordination with the construction phase	Cement factory Kakanj	2010
Detailed design of pipeline Zenica – Travnik DN400/50bar L=40 km	BH – GAS doo Sarajevo	2009
The main design of the collision of the existing pipeline Semizovac-Zenica with the projected highway Zenica-Sarajevo-section Bilješevo Kakanj	PC MOTORWAYS FBiH	2009
Detailed design of the pipeline MRS Visoko - Brnjaci (changes), external design of MS and RS Brnjaci and as well as project of Hangers pipeline on bridge in Visoko (Čekrčići).	BH – GAS doo Sarajevo	2009
Main design of heating, cooling and ventilation of the facility "Dom-Grad" Domaljevac	"Dom-Grad" do.o. Domaljevac	2008
Main design of boiler for Hospital Abdulah Nakaš	Ju opća bolnica "Prim. Dr Abdulah Nakaš"	2007
Reconstruction of air-conditioned spaces on unit 5 and business spaces in TE Kakanj	JP Elektroprivreda	2007