



DIASTASI
ΤΕΧΝΙΚΗ ΕΤΑΙΡΙΑ

CONSTRUCTION

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DIASTASI S.A. is a technical company seated in Thessaloniki – Greece. The Firm was established in 1985 and since then is active both in Greece and in the Balkans in the sectors of constructions, electrical engineering projects and real estate development. Since the beginning of 2003 **DIASTASI S.A.** is active in Serbia through its subsidiary **DIASTASI CONSTRUCTION d.o.o.** and as of 2008 is operating in Montenegro through **DIASTASI TECHNICAL DSD PODGORICA.**

Its clientele includes major enterprises in the sectors of:

- Commerce
- Industry
- Banking
- Petroleum products
- Tourism
- Public Services
- Catering and Recreational Services

Such enterprises, the projects undertaken on their behalf and more useful information about **DIASTASI S.A.** can be found at: www.diastason.gr

DIASTASI S.A. is certified under ISO 9001:2008 and ISO 14001:2004 for the Construction of Building and Electromechanical Projects.

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PROJECTS

AFROMAKEDONIKI - P.MAVROPOULOS / T.PROKOPIDIS GENERAL PARTNERSHIP

THESSALONIKI

Industrial building, 1.600m² foam material processing plant and 150m² offices

Construction and electrical works - mechanical works - offices:

Surrounding area

- Excavations, fillings, iron construction frame, panel walls, fire-resistant false ceiling, iron construction element covers with fire-resistant plaster boards, reinforced concrete, ramps, industrial doors, asphalt paving.

Offices

- Iron construction, plaster board partitions, aluminums, tiles, doors.

Electrical-Mechanical Works

- Fire-extinguishing network with sprinklers and hose reels, heating network with air heaters, fire detection, electrical installation for lighting and motion, electrical boards, sewerage, water supply, natural gas, drilling pump complex, surrounding area watering installation.

AGRICULTURAL COOPERATIVE PUBLICATIONS S.A.

THESSALONIKI

Air-conditioning system

- 80RT air-cooled cooler, cooling room, air cooler supply network and Fan Coils, network insulation.

Fire extinguishing network

- Motor complex (40 HP AC motor, 45 HP AC diesel motor), fire-extinguishing network.

AGRICULTURAL BANK OF GREECE

THESSALONIKI

➤ St. DIMITRIOU STR. BRANCH

Air-conditioning systems (heating-cooling-ventilation)

- Air- conditioning unit, air duct network, air duct insulation.

➤ FINIKAS BRANCH

Ground area: 3,226.51m²

Basement area: 151.97m²

Ground floor area: 130.88m²

First floor area: 67.95m²

Shaping of surrounding area: 2,000.00m²

Two storey building with a basement in the Municipality of Pylea, Thessaloniki, in the Finikas district on Georgiki Scholi (Farm School) Avenue

PROJECTS

Construction Works

- Excavation works, evaluation of the ground bearing through cone penetration tests, soil sanitation of building foundation, embankments, impermeable cesspool, reinforced concrete framework, brickwork filling with heat insulation and interior and exterior marble dust coatings, floor and basement damp-proofing, roof coatings with marble and tiles, external aluminum frames, interior ordinary pressed wooden doors and metal fire-resistant doors, interior plasterboard partition walls, façade paintings and spreadable interior, mineral fiber and plasterboard roof construction, construction of wooden office cabinets and cashiers' desks, metal staircase railings, platforms.

Electromechanical Works

- Construction of water supply system and sewerage system, installation of ventilation system and fresh air supply system, air conditioning installation (VRV system), full electrical installation, network communication and computer structured wiring system, installation of fire detection - extinguishing system, alarm system wiring, CCTV, lighting of surrounding area, construction of network for automatic lawn watering.

Surrounding area

- Construction of sub-base, base, asphalt with gravel and 3A, asphalt paving, formation of plantation area and ready-grass placing, construction of barbed wire fences and pre-fabricated elements.

ALCATEL CABLES HELLAS INDUSTRIAL S.A.

KALOCHORI BRANCH - THESSALONIKI

➤ OFFICES AND WAREHOUSE RENOVATION

Total area: 1.200m²

Surrounding area

- Landscape of 1.000m² surrounding area with construction of support substructure and base and asphalt paving, fencing.

Construction work

Offices

- Metal loft, wall construction, plaster partitions, wall and floor tiles, sanitation products, aluminum frames, false ceiling, security door, painting.

Warehouse

- Industrial floor, heavy duty industrial metal doors, painting.

Electromechanical Works

- Electrical installations in offices (lighting, sockets, panels, telephone network, DATA network), warehouse lighting, (grates, wiring, lighting fixtures), peripheral lighting, machinery movement installation, plumbing installation.

APARTMENT BUILDING AT THE JUNCTION OF AG.TRIADOS & AMALIAS STR.

THESSALONIKI

PROJECTS

Six-story apartment building with basement

AMYLUM S.A. (AMYLUM & STRACH SUGAR INDUSTRY)

THESSALONIKI

Machinery works

- Conveyor belt and spiral slider for sacks, assembling of new palette machine.

ATHENIAN BREWERY S.A. (AMSTEL-HEINEKEN)

INDUSTRIAL AREA OF THESSALONIKI

Electrical installations in 14 silos of malt factory (central panel, controller, cabling)

AVEZ S.A. (PASTA INDUSTRY)

THESSALONIKI

Engineering works

- Super- heated water and oil networks.

Insulation works

- 750KVA power generator set, dismantlement of old generator set, installation of a new, fully automated generator set with all parts, a fuel tank, switch power panel with remote control motor for automatic transfer between Public Power Corporation (DEI) and the generator set, electrical installation of generator set, electrical installation of generator set, transfer set, grounding triangle.

General works

- Chemical cleaning and insulation of oil tank, false ceiling.

BALKAN EXPORT S.A. (TIMBER PROCESSING PLANT)

THESSALONIKI

New Warehouse Complex

Fire extinguishing network

- Motor complex (50HP AC motor, 65HP diesel motor) fire-extinguishing network for new warehouses and surrounding area.

Electrical works

- Lighting networks and boards, power supply to the fire-extinguishing complex.

BARBA STATHIS S.A. (FOOD INDUSTRY)

PROJECTS

THESSALONIKI

Construction of machinery

- Vibrating product supply funnel, including conveyor belts for product transport, work loft and visiting staircase. Byproduct collection and removal system.

Reconstruction of pumps

9th EPHORATE OF BYZANTINE ANTIQUITIES

THESSALONIKI

Electrical works

Special lighting in exhibit halls of the **WHITE TOWER**.

Special lighting in crypt **ST. DIMITRIUS** Church.

Special lighting and electrical installations at the **ROTONTA** monument.

Special lighting and electrical installations at the **BESESTENI** monument.

CARREFOUR MARINOPOULOS S.A.

Construction Of Champion Marinopoulos Stores

- **DIDIMOTEIXO STORE**
Surrounding area: 2.000m²
Store: 1.500m²
- **PERAIA STORE**
Surrounding area: 2.900m²
Store: 1.500m²
- **PERAIA STORE**
Surrounding area: 4.000m²
Store: 1.500m²
- **XANTHI STORE**
Surrounding area: 1.200m²
Store: 1.300m²

Construction works

- Earthworks, concrete works, floor covering, industrial floors, false roofs, wall covering, woodwork, metal doors, covered constructions, glass panes, painting, insulation.

Electromechanical Works

- Electrical installations, lighting, panels, electric hazard installations, low current installations, plumbing installations, fire extinguishing network, sprinkler network, air conditioning installation.

CHATZIIOANNOU BROS

KALOCHORI - THESSALONIKI

PROJECTS

Renovation works in a building of 8.000m²

Construction works

- Restoration of coatings, exterior paintings, partition walls, plasterboards, false ceiling, interior paintings, linings, water insulation (bitumen), placement of lightweight concrete for roof top, removal and replacement of the coatings of metal sheets and enlighteners, pavement construction.

Electromechanical works

- Changements of heating network, water pump installation, improvement of electrical installation, removal and replacement of the cooling machinery, improvement of sewerage network.

CHIOS BANK

THESSALONIKI

➤ AMPELOKIPI BRANCH

Total area: 300m²

Study and construction of new branch installations

Construction works

- Dismantlement, clay brick constructions, concrete, thermal insulation, plaster works, painting, removal of existing floor, pavement covering, covering of floors with marble and tiles, vertical marble constructions, aluminum frames – glass panes (store façade), construction of a reinforced concrete staircase, metal railings, woodwork (doors, chests), wooden covers, plaster covers, false ceilings, plaster board partitions, air barrier construction, glass panes, security glass doors, sanitation products.

Electromechanical Works

- Plumping installations, sewerage and waste removal system using underwater pumps, electrical installation (lighting fixtures- sockets- panels), telephone installations, DATA installations, ATM, security system installation (CCTV- camera- video), fire safety installation, music complex, heating- cooling and ventilation system (fans, heat pumps, air ducts).

CITY GATE SA – ONE SALONICA OUTLET

THESSALONIKI

Reconstruction works at the "CITY GATE – ONE SALONICA OUTLET" Shopping Mall

FOOD COURT +2

Area: 4.000m²

OUTDOOR AREA +2

Area: 2.000m²

COMMON AREA -1

Area: 900m²

PROJECTS

COMMON AREA -3

Area: 350m²

PARKING -3

Area: 12.000m²

PARKING -4

Area: 12.000m²

Construction works

- Dismantlement works, demolitions, metal constructions, plastering, filling floors with porous concrete, floor and wall tiles, plaster board dividing walls, paintings, fire-proof doors, false inclined ceilings in a symmetrical ring pattern with installed hidden led lights, steel bridge, epoxy floorings, parking lines marking with certified painting coating, woodworks, rolling shutters, automatic doors, aluminums, wooden floors on wooden beams internally and synthetic deck on a steel frame for the outdoor area.

Mechanical Works

- Plumbing installations, water supply system, sewerage, air-conditioning, air ducts, cooling units, sound traps, VRV system, insulation, fire extinguishing system (automatic sprinkler, automatic extinguishing system), permanent water supply fire fighting network, noise barriers.

Electrical installations

- Wirings, grates, LEGRAND channels, distribution panel, lighting fixtures, safety lighting fixtures, fire detection system, detectors, cabling, telephone network, rack weak, installation of PA system, central amplifier, loudspeakers, generator sets UPS (emergency power generator), alarm system.

COMMERCIAL BANK OF GREECE

THESSALONIKI

➤ **VOTSI BRANCH**

Store area: 250 m²
Basement: 400 m²

➤ **DRAGOUMI BRANCH**

Store area: 700m²
Basement: 400m²

Stores Renovation

Construction works

- Tile floors, wooden doors, fire-resistant metal doors, internal plasterboard and aluminum partitions, internal paintings, roof construction out of metal plates and plasterboard, waterproofing, kitchen bench, bathroom suites, internal partitions with aluminum and crystals

Electromechanical works

- Water and draining network, installation of ventilation system and fresh air supply system, air conditioning installation (VRV system), full electrical installation, network communication and computer structured wiring system, installation of fire detection - extinguishing system, alarm system wiring, CCTV

PROJECTS

CONSTRUCTION OF LUXURY COMPLEXES

REGION OF SANI - HALKIDIKI

Study- supervision- construction of complex of nine luxury homes

COVITA A.E.

YIANNITSA

Steam system

- 12.000 kgr/hr boiler, softeners, 20 m³ crude oil condensate tank, 2 m³ crude oil daily consumption tank, steam barriers, steam traps, safety installations, iron constructions, automations, piping network, network-tank insulation.

CYTA HELLAS TELECOMMUNICATIONS SA

➤ EDMONDOU ROSTAN STORE - THESSALONIKI

Sales area: 16m²

Storage and auxiliary area: 6m²

Construction works

- Demolition and removal of existing buildings inside and outside of the store, dismantling plumbing and sanitation facilities, construction of plaster board dividing walls with mineral wool insulation, lining with plasterboard and mdf, false ceilings, flooring with pvc tiles, raised flooring, ceramic tiles, new shop window, new electric security roller, carpentry, paintings inside and outside the shop, new sewerage and plumbing installation, new sanitary products, curtain hiding an external air conditioner unit, outdoor neon sign.

Electromechanical works

- Electrical installations, lighting, new main lighting switchboard and electric sockets, ups, voice-data, new alarm system, fire detection and access, air conditioning, channels for the installation of optical fibers.

➤ LARISA STORE

Basement: 37m²

Ground Floor: 48m²

Loft: 34m²

Construction works

- Demolition and removal of existing buildings inside and outside of the store, dismantling plumbing and sanitation facilities, construction of plaster board dividing walls with mineral wool insulation, lining with plasterboard and mdf, false ceilings, flooring with pvc tiles, raised flooring, ceramic tiles, new shop window, internal aluminum partitions with safety glasses, metal ladder, new electric security roller, carpentry, paintings inside and outside the shop, new sewerage and plumbing installation, new sanitary products, curtain hiding an external air conditioner unit, outdoor neon sign.

PROJECTS

Electromechanical works

- Electrical installations, lighting, new main lighting switchboard and electric sockets, ups, voice-data, new alarm system, fire detection and access, air conditioning, channels for the installation of optical fibers.

➤ PIRAEUS STORE

Ground Floor: 80m²

Loft: 60m²

Construction works

- Demolition and removal of existing buildings inside and outside of the store, dismantling plumbing and sanitation facilities, construction of plaster board dividing walls with mineral wool insulation, lining with plasterboard and mdf, lining with cement board, plasterboard false ceilings, flooring with pvc tiles, raised wood flooring, ceramic tiles in WC, new shop window sunenergy glasses with adhesive films, internal aluminum partitions with safety glasses, new electric security roller, carpentry, paintings inside and outside the shop, new sewerage and plumbing installation, new sanitary products, curtain hiding an external air conditioner unit, outdoor neon sign.

Electromechanical works

- Electrical installations, lighting, new main lighting switchboard and electric sockets, ups, voice-data, new alarm system, fire detection and access, air conditioning, channels for the installation of optical fibers.

➤ SERRES STORE

Data center configuration

Construction works

- Cables ladder for the routing of electrical networks, air-conditioning, groundings, lighting

Electromechanical works

- Cement board partition, security door, paintings

"DEMOKRITUS" - NATIONAL CENTER OF SCIENTIFIC RESEARCH

ATHENS

Fire detection

- Addressable central panel, parallel panels, heat detectors, photoelectric detectors, explosive gas detectors, sirens, remote LED indicators, command mechanisms, control mechanisms, communication modems, control centre, (PC, UPS, modem, software), cabling, emergency lighting and steel tubes.

PROJECTS

DIA HELLAS S.A.

- **MESSOLONGI STORE**
Surrounding area: 2.000m²
Store: 1.000m²
- **FARSALA STORE**
Surrounding area: 2.000m²
Store: 1.000m²
- **KATERINI STORE**
Surrounding area: 4.000m²
Store: 1.000m²
- **AMFISSA STORE**
Store: 1.000m² two storey building
- **KOMOTINI STORE**
Surrounding area: 3.000m²
Store: 1.000m²
- **KORIDALLOS STORE**
Store: 550m²
- **KERKIRA STORE**
Surrounding area: 4.050m²
Store: 630m²
- **KRIA VRISI STORE**
Store: 520m²
- **METAMORFOSI STORE**
Store: 630m²

Construction works

- Excavation works, concrete works, tile floors, aluminum frames, metal doors, false ceilings, side and roof iron construction, polyurethane panels, floor insulation, waterproofing, railings, stairs, kitchen benches, industrial floor, metal drainpipes.

Surrounding area

- 3A embankment, buttressing walls, curbs, asphalt paving, sidewalk slabs, septic tank, fencing.

Electrical works

- Sewage, sanitation products, electrical installations in buildings (lighting-sockets-panels), telephone network, fire safety, earth-wires, surrounding area sewerage (gullies, pipes), surrounding area lighting (webs, wiring, gullies), heating-Cooling-Ventilation system with heat pumps and air ducts.

ECHOTECHNIKI S.A. (ELECTRICAL APPLIANCE STORES)

THESSALONIKI

Modification of interior of a 600m² store

PROJECTS

Construction works

- Additional wall construction, metal loft, staircase, vertical marble structures, covering of floors with marble and tiles, aluminum frames, glass panes, false ceilings, plaster board partitions, woodwork (doors, chests, benches, wooden covers), façade modification (stainless steel constructions), modification of store windows, remotely controlled rolling shutters.

Electromechanical Works

- Electrical installations (lighting fixtures, sockets, panels, telephone network), plumbing installations, heating-cooling and ventilation system (fans, heating pumps, air ducts), merchandise lift, néon signs.

EKO INDUSTRIAL & COMMERCIAL S.A. (PETROLEUM PRODUCT COMPANY)

➤ GAS STATION & MATERIAL WAREHOUSE – IONIA, THESSALONIKI

Surrounding area: 11.000m²
Liquid fuel distribution station: 300m²
Spare part storage building-
Personnel administration offices: 600m²

➤ TWIN GAS STATION WITH REFRESHMENT STAND - KALAMATA

Surrounding area: 7.000m²
Refreshment stand: 100m²
Liquid fuel station A: 180m²
Liquid fuel station B: 200m²

➤ POLYGYROS GAS STATION

Surrounding area: 5.000m²
Liquid fuel station: 120m²

➤ NEA REDESTOS GAS STATION

Surrounding area: 4.000m²
Liquid fuel station: 80m²

Construction works

Earthworks, reinforced concrete, wall construction, plaster works, painting, floor- wall tiles, false ceilings, aluminum frames, industrial floor, thermal insulation, waterproofing, remotely controlled rolling shutters for washing- lubrication bays.

Electromechanical works

Sewerage, sanitation products, electrical installation in buildings (lighting-sockets-panels), telephone network, fire safety, groundings, surrounding area sewerage, surrounding area water supply, compressed air network, surrounding area lighting, surrounding area sewerage network.

Special works

Installation of covered constructions, TOTEM, sign, covers, construction of pump stands, pump installation, electrical connection for pumps, industrial floor for covered constructions, ramp, oil separator, hub signposting, washing- lubricating bay installations, fuel network, tank installation and encasement.

Surrounding area

PROJECTS

Sub-base- base- asphaltting, fencing, installation of metal sliding door (Entrance to surrounding area), hub.

➤ **RENOVATION OF EXISTING "CALYPSO" TYPE LIQUID FUEL STATION - THESSALONIKI GEOR. SXOLIS**

Surrounding area: 3.700m²

Store: 127m²

Construction works

Removal works, floors, false ceilings, electrical installations, air conditioning etalbond.

Surrounding area

▪ Industrial floor, asphalt paving, hub, drainage-sewerage pipelines, buttressing walls, pavements, peripheral lighting, covered construction covering, special installations, volumetric analysis of reservoirs, hydraulic testing of reservoirs, installation of special reservoirs caps, installation - connection of pumps, hydraulic-electric installation of pump network.

➤ **CAR STATION FOR PUBLIC USE AND LIQUID FUEL STATION IN PATRIARCHICA AREA, MUNICIPALITY OF PYLEA - THESSALONIKI**

Surrounding area: 2.900m²

Liquid fuel distribution station: 350m²

Car station: 3x240m²

Construction works

Excavations, landfill works, curbs, fencing, paving works, reservoirs, absorbing and septic cesspit, reinforced concrete works, insulation, earth works, aluminum frames, painting works, metal construction works, iron construction works, paneling, façade ironworks, dry construction, Etalbond, sign installation, cleaning works.

Surrounding area

Excavation works, landfill works, gravel, 3A, asphalt paving, Connecting road to traffic.

Electromechanical Works

Electrical installations, lighting, water supply – sewerage network, fuel network, liquid fuel pumps, automated systems, auxiliary equipment, lighting of surrounding area, fire extinguishing network, fire detection, installation of air-conditioning, installation of three-stop car lift, compressed air network.

➤ **CONSTRUCTION OF A WHITE TYPE LIQUID FUEL STATION – KATERINI**

Surrounding area: 2.000m²

Liquid fuel distribution station: 575m²

Shop: 172m²

Washing bay tunnel: 100m²

Construction works

Excavations, landfill works, curbs, fencing, paving works, oil-mud collector, reservoirs, absorbing and septic cesspit, reinforced concrete works, insulation, earth works, aluminum frames, painting works, metal construction works, iron construction works, paneling, façade ironworks, dry construction, Etalbond, sign installation, cleaning works.

Surrounding area

PROJECTS

Excavation works, landfill works, gravel, 3A, asphalt paving, Connecting road to traffic, landscaping of surrounding area.

Electromechanical Works

Electrical installations, lighting, water supply – sewerage network, fuel network, liquid fuel pumps, automated systems, auxiliary equipment, lighting of surrounding and interchange area, fire extinguishing network, installation of air-conditioning, remote filling of fuel tank, compressed air network, flame arrestors, vapor recovery system, building foundation grounding system.

➤ **DEMOLITION OF AN EXISTING BUILDING AND CONSTRUCTION OF A "CALYPSO" TYPE LIQUID FUEL STATION – STAVROUPOLI, THESSALONIKI**

Surrounding area : 520m²

Building : 199m²

Aluminum cover : 150m²

Construction Works

Demolition works, fuel reservoirs, aluminum cover, pump stands, signs, pavement and fencing, Excavations, landfill works, curbs, fencing, paving works, absorbing and septic cesspit, reinforced concrete works, insulation, earth works, frames, aluminum, painting works, metal construction works, iron construction works, paneling, façade ironworks, dry construction, etalbond, floor-wall tiles, washing-oil station, sign installation, cleaning works.

Surrounding area

Excavation works, landfill works, gravel, 3A, asphalt paving.

Electromechanical Works

Electrical installations, lighting, water supply – sewerage network, fuel network, liquid fuel pumps, earth wires, automated door, auxiliary equipment, lighting of surrounding area, fire extinguishing network, fire detect system, installation of air-conditioning.

➤ **CONSTRUCTION OF A FUEL STATION WITH CAR WASHER, LUBRICATION STATION AND LIQUID GAS INSTALLATION - KASTORIA**

Surrounding area: 6.500m²

Shop: 355m²

Fuel pump sheds: 300 m²

Construction Works

- Excavations, landfill works, fuel tanks, absorbing and septic cesspit, reinforced concrete works, insulation works, earth works, aluminum frames, glass panes, flooring with tiles, paintings, metal and iron constructions, overlaps with panels, dry construction, etalbond, sanitary products, signalling.

Surrounding Area

- Excavation works, sewerage and water supply networks, landfill works with gravel and 3A, curbs, asphalt paving, concrete road, stamped floor, connecting road to traffic.

Electromechanical Works

- Electrical installations, lighting, fuel network, liquid fuel pumps, automated systems, auxiliary equipment, lighting of surrounding area, fire extinguishing network, fire detection, installation of air-conditioning, liquid gas installation, compressed air network.

PROJECTS

➤ **REFINERY - THESSALONIKI**

Engineering works

Piping networks

C102 crushing connection with a line to R106, Cleaning of pipes at refinery junctions, Works on line H2SO4, Installation of terminals on the T101 circuit, Installation of vanes, Construction of a condensate network for refinery, Hydrogen feed to the refinery from the caustic substance and chlorine plant, P108 crushing connection with a T-160 intake, C102 crushing connection with a line to C106, Replacement of parts of pipes during general maintenance, Construction of oil substance drainage collectors, Replacement of piping in tanks TK-1041 and TK-1042, Maintenance of catalyst regeneration vanes during general maintenance.

Works on tanks

Volumetric analysis of cylindrical tank TK-846, Repair of cracks on container TK- 50, Application of 13 screw bars at the bottom of cells, Opening of tower T- 5, emptying packing, check, filling, Opening and cleaning of containers during general maintenance, Inspection of footings on spherical tanks 816-817.

Iron constructions

Lofts for daily storage containers at the PVC factory, railings, aluminum construct.

Various constructions

Construction and replacement of parts of air ducts on the lower cell floor, Works on the air-conditioning system of the administration building, Platform for the mercaptan container, Construction of fume exhaust for the chemical lab, Dismantlement of gasoline air bell at the TTL.

General maintenance and repair in the cooling tower

Electrical works

Electrical works for gasoline loading, Replacement of electrical pipe supports, Installation of electrical lines, motors, intercom terminal and maintenance of electrical installations at the ETHYL waste area, Tagging of wires between panels.

➤ **CONSTRUCTION OF AN OFFICE BUILDING - THESSALONIKI**

Surrounding area : 2.100m²

Building : 262m²

Construction works

Reinforced concrete works, insulation, tiled floors, earthworks, false ceilings, aluminum frames, painting, metal constructions, iron constructions, panel covers, INOX constructions, handrails, façade iron constructions, stairwell, drywall construction (plaster boards, cement boards).

Surrounding area

Asphalt paving, pavement slabs, ramp construction.

Electromechanical Works

Electrical installations, lighting, water supply - sewerage network, air conditioning, lighting of surrounding area, fire extinguishing system, fire detection, air conditioning installation, security cameras.

ELECTRONIKI S.A.

➤ **STAVROUPOLI STORE - THESSALONIKI**

Surrounding area : 1.700m²
Store : 3.000m²

Construction works

- Removal works, reinforced concrete works, insulations, tiled floors, earthworks, false ceilings, aluminum frames, painting, metal constructions, iron construction, panel covers, handrail construction, panel covers, handrail construction, EPDM insulation, façade iron constructions, stairwell.

Surrounding area

- Asphalt paving, industrial floors, pavement slabs, ramp construction.

Electrical - mechanical work

- Electrical installations, lighting, water supply- sewerage network, air conditioning, lighting of surrounding area, fire extinguishing system, fire detection, air- conditioning installation, installation of satellite and conventional television system.

➤ **STAVROUPOLI STORE - THESSALONIKI**

Ground floor: 1.350m²
Basement area: 1.350m²

Store Refurbishment

Construction Works

- Demolition works and debris removal.

Wall coverings and construction of plaster board dividing walls

Construction of plasterboard false ceilings in a circular shape with a diameter of 7.60 m suspended from the roof with special metal structures.

Placing carpets on the floor.

Construction of a transparent elevator well with metal frame lined with glass triplex 8 +8 mm

Painting of new construction and other areas with new colors that make up the new style of the store.

Construction of an additional metal frame, lining of the facade with cement board, paint of the facade and installation of the new store logos in special metal bases.

Electromechanical works

- Dismantlement of the old lighting and installation of new one to old and new false ceilings and to the new constructions suspended from the ceilings.

Construction of new networks of weak and strong currents to support the operation of the store products to their new positions.

➤ **XANTHI STORE**

Store : 1.470m²

Construction works

- Tiled floors, false ceilings and construction of plaster board dividing walls, paintings, iron constructions, lining wall tiles, wooden doors, wooden furniture, carpeted floor covering.

PROJECTS

Electromechanical works

- Electrical installations of weak and strong currents, lighting, water supply- sewerage network, air-conditioning installation, fire detection system, installation of satellite and conventional television system, wiring of CCTV allarm , installation of Public Address system.

ELVIAL S.A. (ALUMINUM PROCESSING FACTORY)

NEA SANTA - KILKIS

Expansion of industrial building and addition of 1.500m² of storage area

Construction works

Earthworks, reinforced concrete foundations, metal frame, iron, construction for crane bridge support, industrial floor, wall construction, roof covering with dyed metal sheets, drainpipes, heavy-duty industrial metal doors, painting.

ELVIZ S.A. (GREEK PET FOOD INDUSTRY)

KOMOTINI

Boiler room

8.000kgr boiler, softeners, condensate tank, hot storage tank, 20m³ crude oil tank, automations collectors, automations, collectors, steam barriers, steam traps, safety features, piping network-tank insulation, iron constructions, electrical installations.

EVLEN (TEXTILE SPINNING MACHINERY PARTS INDUSTRY)

THESSALONIKI

Engineering works

Piping networks

Expansion of condensate, steam, heating, compressed air networks. Cold water network. Insulations.

Fire extinguishing system

Motor complex (40 HP AC diesel motor), fire-extinguishing network.

Underwater pump

Installation of underwater pump in existing stopcock, power supply.

Iron constructions

Network supports.

Electrical works

Medium Voltage Station 800KVA

Transformer, medium voltage cells, power balancing, connection to existing substation, replacement of existing low voltage main panel and sub-panels, new low voltage panels, replacement of medium and low voltage cabling, Lighting of new warehouses.

PROJECTS

FOODIN YIAKOS & CO Ltd (FOOD MACHINERY REPRESENTATIVES)

ATHENS

Tanks construction

G. MAMIDAKIS & CO PETROLEUM TRADE S.A.

KALOCHORI - THESSALONIKI

Construction works

- Installation of an 80-tonne underground electronic weight bridge with a platform made exclusively of reinforced concrete. Dimensions: 18m x 3m.

GEORGOULIAS S. P.L.C. (FOOD TRADE UNIT)

KAVALA

➤ CONSTRUCTION OF COOLING CHAMBERS

Area: 350m²

Volume: 1.400m²

Cooling chambers

- Electrical works for gasoline loading, Preparation works for the construction of floor insulation, Floor insulation – vapor barrier, industrial floor, Thermal insulation panels (150mm thick), cooling chamber doors, PVC air curtain, Construction of chambers using industrial panels, piping networks, insulation, air coolers, lighting.

Industrial cooling system

Cooling room

- Two (2) compressors (with corresponding control panels), oil containers, Freon containers, two (2) air-cooled condensers, piping networks, insulation.

Cooling system electrical installations

- Cooling – air-conditioning control panel with the use of PLC, Unit control system using a PC and special SCADA software for depicting facility and incoming data (temperature recordings, machinery and sensor operation status, malfunction announcement and recording, alarm and telephonic commands), Grates and cabling for condensers in the cooling room and air coolers in the chambers, Panel for power transfer between Public Power Corporation (DEI) and the generator set.

GOOD YEAR HELLAS INDUSTRIAL & COMMERCIAL S.A

INDUSTRIAL AREA OF THESSALONIKI

Machinist works

- GUMSTRIPPER KL- ME- 3018, GUMSTRIPPER SPECIAL KL- ME- 3019 and WINDER machines, conveyor belts and wagons.
Dismantlement, repair and replacement of various machinery parts.

Engineering works

PROJECTS

- Conversion of all factory presses so as to work with nitrogen, connection to networks of steam, high and low pressure compressed air and mold cooling waters, as well as construction of all automations.

High-pressure Crane Bridge, 20m³ water tank and spirals

Iron constructions

- Lofts and machinery bases.

Electrical works

- Conversion of electric panels of presses, electrical works billed as ordered, telephone network.

GOODY'S S.A.

THESSALONIKI

- **STORE AT THE JUNCTION OF TSIMISKI & VENIZELOU STR.**
Creation of a 700m² store- facilities

Landmark building

Construction works

- Dismantlement, hole opening, static reinforcement of building with gunite, concrete works, wall construction, plaster works, ceiling and column gunite coating, plaster board covers, painting, floor covers, plaster decorations, doors, fire safety doors, external wooden frames, external wooden doors with windscreen, marble works, wooden floors, wooden covers, hand-rails, sanitation products, sidewalk shaping.

Metal constructions

- Metallic loft, stairway, metal façades, Salad bar, Counter.

Electromechanical Works

- Lift, Plumping installations (plumping, softening, connection to network), Sewerage. Electrical installations (general and special lighting, neon signs, special façade lighting, sockets, machinery power supply, refrigeration power supply, panels), Low currents (telephones, alarm system, televisions, audio installations, fire detection), Special kitchen fire safety network, Heating – cooling and ventilation system (fans, heat pumps, electrostatically dyed air ducts).

GREEK BOTTLING COMPANY S.A. (COCA – COLA)

THESSALONIKI

Engineering works

Piping networks on AMITA line

Steam, condensate, fire-extinguishing, soft water, hard water, CO₂, lye, bottle washing with accessories, insulation, Steam networks and automation within water treatment.

Condensation tank

Office air conditioning

PROJECTS

Machinery constructions

- Atmospheric air filtering machine, Warm air bellows for bottles at factories in Thessaloniki, Patra, Rhodes and Corfu.

Works on AMITA incubation shelves

Iron constructions

- Lofts, guardrails on bottle and crate conveyor belts, piping network supports.

Electrical works

- General electrical works for lighting and transport.

Installation of a new cooling room

- Installation of a new 200 RT cooler, reconstruction- restoration of four existing coolers (60 RT each), Storage tank, alternators, circulators, vanes, collectors, piping, insulation, General power and automation board, cabling, grates, Iron support constructions, bridge, covered construction.

➤ **WAREHOUSE ROOF REPAIR WORKS**

Roof surface: 700m²

Construction works

- Thermal and water insulation from precast concrete trapezoidal section with EPDM rubber membrane plates and polystyrene (Styrofoam) EPS 150, trapezoidal metal and polyester sheets replacement, asphalt membrane sheets placement on concrete roof

GREEK NATIONAL TOURISM ORGANIZATION

THESSALONIKI

Reconstruction of new classrooms at the Tour Guide School of Thessaloniki

Construction works

- Layout modification with plaster board partitions, painting, aluminum frames, false ceilings.

Electromechanical Works

- Electrical installation (lighting fixtures, sockets).

GREENFOOD INDUSTRIAL & COMMERCIAL S.A.

INDUSTRIAL AREA OF THESSALONIKI – DELTA GROUP

➤ **CONSTRUCTION OF A FOOD PROCESSING INDUSTRIAL PLANT**

Plant area: 3.360m²

Offices: 500m²

Basement: 950m²

Surrounding area: 9.000m²

PROJECTS

Construction works - Surrounding area

- Landscaping of surrounding area – excavation works, fillings, concrete, iron construction, metal covered constructions, panel covering – wall construction, specially fitted to create niches for refrigerators with very high thermal insulation specifications. Floors, floor tiles, wall construction, plaster boards, brick façades, merchandise – fire safety – warehouse doors, aluminum frames, ETALBOND covers, office doors, plumbing, sewerage, waterproofing-sealing, heating-cooling system, rainwater network, curbs, fencing (NATO type).

Electrical engineering works

- Offices water supply, solar water heater, offices- basement drain systems, piping to central sewage system, seepage pit, bathroom suites (washbasins, tap systems, toilet bowls, water tanks, marble and wooden benches, mirrors), damp insulation- proofing, cooling- heating system, rainwater drainage system.

HELLENIC FABRICS S.A.

YANNITSA

Study of fire detection- extinguishing system

HELLENIC RECOVERY RECYCLING CORPORATION (HERRCO)

➤ RECYCLABLE MATERIAL SORTING CENTRE (RMSC) OF ELEFSINA, ATHENS

Supply and Installation of Ventilation System

Electromechanical Works

- Supply and install a heat pump and two air handling units. The above system via a network of air ducts provides fresh air-conditioned air to the two sort cabinets, Supply and install water fogging system for dust suppression with simultaneous adjustment of the relative humidity of the factory, Supply and install speed controlled fans for the supply of fresh air which repeals the bad odors, Supply and install an air suction filter unit which via an air duct network filters and traps the dust from the two screens.

➤ RECYCLABLE MATERIAL SORTING CENTRES (RMSC) OF CORFU, KARDITSA AND KALAMATA

Construction of fire proofing painting

The work has taken place on operational units and entails on:

Thorough cleaning of the structural steel, roughening the existing paint coat and applying the fireproof paint, on thickness determined by the paint supplier and approved by the local fire department authorities.

➤ RECYCLABLE MATERIAL SORTING CENTRE (RMSC) OF ALEXANDROUPOLI

Supply and Installation of Ventilation System

PROJECTS

Electromechanical Works

- air conditioning and ventilation installation in the screening cabins consisting of a heating pump and central air units, ducts, openings and insulation,
- installation of ventilation fans controlled by inverters,
- installation of dust containment consisting of filter, fan, ducts, suction hoppers and dumpers,
- misting system installation for dust containment and deodorization,
- new electrical board

➤ **RECYCLABLE MATERIAL SORTING CENTRE (RMSC) OF KARDITSA**

Supply and Installation of Fire Extinguishing System

Electromechanical Works

- Fire cluster, sprinklers installation, fire hoses, installation of new fire tanks, pipes insulation

Supply and Installation of Ventilation System

Construction works

- Cabins for sorting and pre-sorting recyclable materials

Electromechanical Works

- Ventilation, placement of charcoal filters, air conditioning system of cabins for sorting and pre-sorting recyclable materials, new electrical panel and sub-panels installation, installation of electrical grids, wiring, fire extinguishing system of cabins for sorting and pre-sorting recyclable materials, new lighting fixtures and security lighting installation

➤ **RECYCLABLE MATERIAL SORTING CENTRE (RMSC) OF HERAKLION**

Supply and Installation of Fire Extinguishing System

Mechanical Works

- Fire cluster, sprinklers installation, fire hoses, installation of new fire tanks, pipe insulation, cluster test network

Electrical Works

- Alarm panel installation, fire cluster and pumping station wiring, pumping station panel installation, fire cluster panel installation, pressure switch and flow switch wiring

HELLENIC STEEL

THESSALONIKI

Engineering works

- Fire safety piping in propane tanks, replacement of pipe – nozzle sets in the rinse tank, repair of changing room piping, cleaning of part of the TCM oil cellar fire-extinguishing network, dismantlement of radiators, insulation.

Coil construction

Machine modifications

- Engineering works in drum, Relocation of steel sheet cutting machine, engineering works on shot- blast complex.

Crane bridge maintenance

Works on the metal frame of the building roof

- Check and replacement of bolts, cleaning and painting.

Works on fume exhausts

- Maintenance, repair works and filter repairs on the fume exhaust on the cleaning line, Cleaning of part of the TCM oil cellar fire-extinguishing network.

Filter construction- maintenance

- Construction and installation of air filters, Cleaning of cooling fan filter, Filtering- dehumidification system.

Iron constructions

- Manholes, metal stairs for substations, guardrails, metal doors, iron constructions for installing tackles in the packaging department, installation of tackles in the TCM, construction of Clark cabins.

Tanks

- Construction and installation of passivation tank, Removal of mud from distribution tanks.

Electrical works- automations

Substations

- Cleaning and clearing of insulators and the 150KV substation, Maintenance of 10 substations.

Power motoring system

- Power consumption monitoring system using a PC.

Detection and control systems

- Automation of the operation of cutting machinery via P.L.C., Error detection system using a PC, New hole detection and steel sheet arrangement system on the electrolyte tinning line, Waste neutralization unit control panel using PLC, Control panel for the current of the rectification adjustment in the ECL sheet cleaning line.

Various electrical works

- Bar maintenance in the reflow part of the electrolyte tinning line, Improvement of cooling of rectifiers of the electrolyte tinning line, Installation of starting motors and cabling in three coolers of the new furnaces, Repairs on four pairs of electrolyte rods, Modification of socket power supply line routes, Fire safety panels, controllers, 8000A rectification panels.

PROJECTS

I.K. VELLIDIS PRESS AGENCY OF NORTHERN GREECE S.A. - "MAKEDONIA" & "THESSALONIKI" NEWSPAPERS

THESSALONIKI

Transfer of administrative offices from Tsimiski Street to Monastiriou Street, to 500m² premises

Construction works

- Aluminum partitions, aluminum frames, false ceiling, floors, woodwork, painting.

Electromechanical Works

- Electrical installations in offices (lighting, sockets, panels, telephone network, DATA network), Heating network.

IOANNIDIS BROS (AUTO REPRESENTATIVES)

SERRES - THESSALONIKI NATIONAL HIGHWAY - DRAMA

Construction of a 3.500m² Building

Surrounding area : 11.000m²

Building : 3.600m²

Construction tasks

- Earthworks, reinforced concrete, metal building constructions, roof panels, side covers, glass panes, special metal blinds, ALUCOBOND covers, floors, stairs, peripheral balcony railings, wall covers, false ceilings, painting, lavatories- sanitation products, doors, industrial rolling shutters.

Surrounding area

- 3A embankments, asphalt paving, curbs, cement slabs, fencing, doors.

Electromechanical Works

- Air-conditioning, Lighting, Electrical installations for crew transport, Lighting of surrounding area, Compressed air installation, Lightning conductor.

IONIKI BANK

➤ **YIANNITSA BRANCH**

New 500m² store.

➤ **EGNATIA BRANCH - THESSALONIKI**

Renovation of 350m² store

➤ **KALONI BRANCH - MYTILINI**

PROJECTS

Renovation of 200m² store

Construction works

- Dismantlement, clay brick constructions, reinforced concrete, thermal insulation, plaster works, painting, covering of floors with marble and tiles, vertical marble constructions, metal decorations, aluminum frames- glass panes (façades), decorative aluminum covers for façades, metal stairs, metal loft, railings, woodwork (doors, steps, chests, flowerpots), wooden covers, plaster works, false ceilings, plaster board partitions, wind barrier, Securit glass doors, sanitation products.

Electromechanical Works

- Plumbing installations, Sewerage, Electrical installations (lighting- sockets- panels), Telephone installations, DATA installations, ATM, LAN, Allocation of DATA-telephone distributors, Security alarm system (CCTV- camera- video), Fire safety system, Cooling-heating and ventilation system (fans, heating pumps, air ducts).

IONIKI GENERAL INSURANCE S.A. (INSURANCE COMPANY)

THESSALONIKI

Office modification

Construction works

- Aluminum partitions, aluminum frames, glass panes, wooden partition, security door, floor abrading and polishing, carpet, painting.

Electromechanical Works

- Electrical installations (lighting fixtures, sockets, panels, telephone network), Air-conditioning with split units.

JOY CLUB CHRISTOS NIKOLAOU S.A. (CLOTHING INDUSTRY)

THESSALONIKI

Air conditioning system

- Water-cooled cooler, cooling tower, cooling room, fan coils, piping network, insulation.

KAPSIS - VARDAS S.A. (KAPSIS HOTELS)

THESSALONIKI

Engineering works

Boiler room

- Hot water boilers, oil tank, softeners, collectors, automation, distributors, vanes, expansion containers, safety features, piping networks, insulation.

Hot water production system using plate alternators

Chemical boiler cleaning

Fire-extinguishing network

- Motor complex (65 HP AC motor, 80 HP diesel motor), fire-extinguishing network using

PROJECTS

sprinklers, reconstruction of old fire-extinguishing network with fire hydrants.

Piping networks

- Central air- conditioning network, reconstruction of hot and cold water networks.

Iron constructions

- Bases of tanks, boilers, alternators, collectors, network supports.

Electrical works

- Substation maintenance, boiler room panels and cabling, Fire-detection network.

KIKIZAS INDUSTRIAL & COMMERCIAL S.A. ("MELISSA" PASTA INDUSTRY)

LARISA

Boiler room

- Two 2,800,000 kcal/hr and 1,500,000 kcal/hr super- hot water boilers, connection collectors, steam barriers, safety features, piping networks, insulation, electrical panel. Super-hot water distribution system with twin pump complexes and suitable collectors (central networks).

Softening- Reserve osmosis

- Reconstruction of twin pump complex for supplying boilers with reverse osmosis water, two twins fully automated softening systems, 2m³ stainless steel tank.

Central piping networks

- Supply networks for six macaroni making machines, insulations.

Works on the new BUHLER spaghetti producing machine

- Super-hot water distribution system for the new BUHLER machine (local machine networks) using luffing-returning collectors, steam barriers, pumps, regulators, thermostatic vanes and various parts according to the blueprint of the BUHLER machine. Local piping networks for supplying super- hot and cold water. Steam distribution system using a steam generator, steam barriers, stainless steel piping network. Insulation of super-hot water, steam and cold water networks. Moist air exhausts system using stainless steel air ducts (AISI 304) and a central fan.

Works on the existing macaroni making machine (Braibanti)

- Dismantling of old system.

New high temperature water distribution system, (local networks), through luffing-returning collectors, steam stop valves, and other parts. High temperature and cold water piping networks and insulations.

Works in existing BRAIBANTI spaghetti producing machine

- Dismantlement of old system.

New super-hot water distribution system (local networks) using luffing- returning collectors, steam barriers and various parts. Super-hot and cold water piping networks, insulation of networks. Works concerning the existing noodle producing machine, as per BRAIBANTI machine.

> FACILITY EXTENSION

Boiler room expansion

Dismantlement of existing 1,500,000 kcal /hr boiler, dismantlement of the entire boiler room, installation of new 2,800,000 kcal/hr boiler.

New super-hot water distribution system for seven spaghetti producing machines with twin

PROJECTS

pump complexes and suitable collectors (central networks).
 12 m³ super-hot water expansion container with suitable operation automations.
 Hot water production boiler.
 Stainless steel steam production alternator using super-hot water to supply BUHLER machines;
 total steam production: 80kg/hr.
 50m³ crude oil tank and 5m³ daily crude oil consumption tank.
 Crude oil networks from a 50m³ tank for daily consumption.
 New super-hot water piping connecting to boilers and to the distribution system.
 Insulation of networks, boiler tanks.
Works concerning the new BUHLER short macaroni producing machines, BRAIBANTI long pasta producing machines, noodle machines.
 Super-hot water distribution system (local machine networks) using luffing- returning collectors, steam barriers, pumps, regulators, thermostatic vanes and various parts, according to the blueprint of the BUHLER machine.
 Local piping networks for supplying super-hot and cold water, stainless steel steam network using an alternator, insulation.
 Moist air exhausts system using stainless steel air ducts (AISI 304) and a central fan.

Construction of new engine room, (cold water production)

Dismantlement and transport of existing machinery to a new location.
 New 35RT air-cooled cooler.
 5m³ storage tank, two stainless steel plate alternators.
 Cold water distribution system for six spaghetti producing machines with twin pump complexes and suitable collectors, cold water recirculation system.
 Piping networks within cooling room.
 Insulation of piping networks, vanes, safety features, escapement valves, thermostatic vanes and various parts.
 Insulation of piping networks- storage tank.

Fire-extinguishing network

Complex reconstruction, fire-extinguishing network in the foreign distribution building.

Office-window heating

Office heating system with suitable luffing- returning collectors, circulators, vanes and various parts, window heating piping networks, insulation.

Iron constructions

Machinery bases, network supports and buttresses, lofts, loft visit staircase, metal frame for new cooling room and covering of cooling room metal frame.

KIKIS INDUSTRIAL & COMMERCIAL S.A. (WEAVING FACTORY)

OREOKASTRO – THESSALONIKI

Boiler room

- 600.000kcal/hr hot water boiler, 500kg/hr steam boiler, softeners, oil and condensate tanks, steam – hot water collector, steam barriers, steam traps, vanes, circulators, safety features, expansion containers, piping networks, network – tank insulation, panel and electrical works.

Air compressor room

- Air compressors, cooler, filters, collector, piping networks.

PROJECTS

Fire-extinguishing network

- Motor complex (50HP AC motor, 60HP diesel motor), fire-extinguishing network.

Piping networks

- Production area heating through air heaters, office heating through radiators, compressed air, steam, condensate.

Iron constructions

- Machinery bases, network supports.

KILKIS SLAUGHTERHOUSE

Steam boiler room and compressed air, heating and fuel networks.

KNAUF PLASTERS INDUSTRIAL & COMMERCIAL S.A.

Construction of 3.000m² warehouse

Construction of 3.000m² warehouse with iron constructions and panels, including foundations, floors and lighting

K & N EFTHIMIADIS INDUSTRIAL S.A. (AGRICULTURAL PHARMACEUTICALS)

INDUSTRIAL AREA OF THESSALONIKI

Engineering works

Construction of stainless steel cones for product processing

Assembly of new product processing and packaging unit

- Transport of machinery, iron support constructions and installation. Additional machinery construction. Special filter ventilation systems. Peripheral machinery lofts, metal staircase for visiting machines with corresponding landings; total height: 9m.

Fire extinguishing system

- Motor complex (40HP AC motor, 45HP diesel motor) fire-extinguishing network.

Electrical installations

Medium Voltage Substation

- Transformer, medium voltage cells, power balancer, connection to existing substation, low voltage panels, medium and low voltage cabling 200KVA generator sets. Fully automated generator sets with all parts, fuel tank, switch power panel with remote control motor for automatic transfer between Public Power Corporation (DEI) and the generator set, electrical installation of generator set- transfer set, grounding triangle.

KRICKET FOOTWEAR (AGIANNIDIS BROS)

PROJECTS

THESSALONIKI

Generator set 100KVA

- Fully automated generator set with all parts, exhaust, oil tank, switch power panel with remote control motor for automatic transfer between Public Power Corporation (DEI) and the generator set, electrical installation of generator set- transfer set, grounding triangle. Imaginary power balancer. Balancing panel, connection to main low voltage panel.

KTISIOS ZEUS LTD

ATHENS

2.600m² store and office building

Construction works- Surrounding area

- Excavation works, reconstruction of foundations, drainage construction, earth buttressing using shotcrete, embankments, concrete, wall construction, insulation of basement and rooms, plaster works, tile floors, marble laying, frames, painting, curbs, pavement slabs, ramps

Electromechanical Works

- Sewerage, fire extinguishing, electrical installations, electrical installations for the surrounding area.

LAMAPLAST S.A. (PLASTIC PRODUCT PLANT)

OREOKASTRO – THESSALONIKI

Fire-extinguishing network

- Motor complex (40HP AC motor, 45HP diesel motor), fire-extinguishing network.

Piping networks

Heating, compressed air.

Water cooling system for production machines

- Air-cooled cooler, storage container, pumps, piping network.

LETO S.A. (COMPANY OF BABY DEPARTMENT STORES)

➤ RECONSTRUCTION OF THE NEW LETO DEPARTMENT STORE AT ALIMOS, ATTICA

Total store area: 2.450m²

Surrounding area: 510m²

Construction works

- Dismantlement works, demolitions, reinforced precision concrete cutting, concretizations, metal constructions, walling with brickworks, plastering, filling floors with porous concrete, floor and wall tiles, plaster board dividing walls, paintings, fire-proof doors, false ceilings, woodworks, rolling shutters, automatic doors, aluminums, sidewalk slabs, mezzanine insulation, etalbond.

Mechanical Works

PROJECTS

- Plumbing installations, water supply system, sewerage, air-conditioning, air ducts, cooling units, sound traps, VRV system, insulation, fire extinguishing system (automatic sprinkler, automatic extinguishing system), permanent water supply fire fighting network, noise barriers.

Electrical installations

- Wirings, grates, LEGRAND channels, distribution panel, lighting fixtures, safety lighting fixtures, fire detection system, detectors, cabling, telephone network, rack weak, installation of PA system, central amplifier, loudspeakers, generator sets UPS (emergency power generator), alarm system.

➤ RECONSTRUCTION WORKS IN LETO DEPARTMENT STORE AT KIFISIA, ATTICA

Store area: 1.385m²

Construction works

- Dismantlement works, demolitions, metal constructions, floor and wall tiles, plaster board dividing walls, paintings, glass doors, curtain walls, false ceilings, woodworks, automatic doors, aluminums, sidewalk slabs, mezzanine insulation.

Electrical installations

- Wirings, lighting, network maintenance.

LIDL HELLAS & CO G.P. (FOOD SUPERMARKETS)

➤ VEROIA STORE

Surrounding area: 5.000m²

Shop area: 1.200m²

➤ AMALIAS STORE

Surrounding area: 8.000m²

Shop area: 1.350m²

➤ ALEXANDRIA STORE

Surrounding area: 10.000m²

Shop area: 1.350m²

➤ KALAMATA STORE

Includes issuing necessary town planning permits

Surrounding area: 8.000m²

Shop area: 1.500m²

➤ FARSALA STORE

Surrounding area: 6.500 m²

Shop area: 1.300 m²

➤ DRAMA STORE

Surrounding area: 10.000m²

Shop area: 1.600m²

➤ KAVALA STORE

Surrounding area: 4.500m²

Shop area: 1.300m²

PROJECTS

- **OREOKASTRO STORE**
Surrounding area: 6.000m²
Shop area: 1.600m²
- **MOUDANIA STORE**
Surrounding area: 5.000m²
Shop area: 1.600m²
- **SPARTA STORE**
Surrounding area: 5.000m²
Shop area: 1.600m²
- **ARGYROUPOLIS STORE- ATHENS**
Two - storey store: 2.100m²
Underground parking lot: 2.500m²
Surrounding area: 3.000m²
- **MESSINI STORE**
Surrounding area: 4.000m²
Shop area: 1.400m²
- **ARGOSTOLI STORE**
Surrounding area: 5.000m²
Shop area: 1.200m²
- **PORT STORE - THESSALONIKI**
Store: 1.200m²
- **ARGOSTOLI STORE**
Surrounding area: 5.000m²
Shop area: 1.200m²
- **KYPARISSIA STORE**
Surrounding area: 5000m²
Shop area: 1.400m²
- **IGOUMENITSA STORE**
Surrounding area: 7.000m²
Shop area: 1.400m²
- **ARGOS ORESTIKO STORE**
Surrounding area: 7.500m²
Shop area: 1.600m²
- **SIDIROKASTRO STORE**
Surrounding area: 10.250m²
Shop area: 1.600m²
- **ASPROVALTA STORE**
Surrounding area: 10.650m²
Shop area: 1.550m²
- **STAVROUPOLIS - THESSALONIKI STORE**
Surrounding area: 7.000m²
Shop area: 2.100m²

PROJECTS

- **PREVEZA STORE**
Surrounding area: 10.000m²
Shop area: 1.400m²
- **TAVROS STORE**
Surrounding area: 6.800m²
Shop area: 2.000m²
- **KOUFALIA STORE**
Surrounding area: 5.200m²
Shop area: 1.900m²
- **AGRINIO STORE**
Surrounding area: 4.800m²
Shop area: 1.890m²
- **SAMOS STORE**
Surrounding area: 4.920m²
Shop area: 1.890m²
- **KARDITSA STORE**
Surrounding area: 7.100m²
Shop area: 1.840m²
- **ARTA STORE**
Surrounding area: 7.700m²
Shop area: 2.141m²
- **MONASTIRIOU STORE**
Surrounding area: 5.180m²
Shop area: 2.140m²
- **SANTORINI STORE**
Surrounding area: 3.970m²
Shop area: 1.270m²
- **HARILAOU STORE**
Store: 1.700m²
- **GALATA STORE**
Surrounding area: 11.400m²
Store: 1.288,68m²

Construction works

- Excavation works, concrete works, wall construction, plaster works, tile floors, aluminum frames, metal doors, false ceilings, roof iron construction, polyurethane panels, floor insulation, waterproofing, railings, stairs, kitchen benches, industrial floor, metal drainpipes.

Surrounding area

3A embankment, buttressing walls, curbs, asphalt paving, sidewalk slabs, septic tank, fencing.

Electromechanical works

- Sewerage, sanitation products, Electrical installations in building (lighting- sockets- panels), Telephone network, Fire safety, Earth- wires, Surrounding area sewerage (gullies, pipes),

PROJECTS

Surrounding area lighting (webs, wiring, gullies), Heating- cooling- ventilation system with heat pumps and air ducts, Generation set.

➤ **NIKAIA STORE**

Store: 1.710m²

Surrounding area: 200m²

Construction works

- Excavation works, concrete works, construction of cast concrete mantles, construction of shotcrete mantles, masonries, coatings, floor tiling, aluminum window frames, metal doors, false ceilings, waterproofing, railings, stairs, kitchen benches, industrial flooring, gutters, wall tiles, tile in stairs.

Surrounding area

- 3A embankment, curbs, sidewalk slabs, sewerage network.

Electromechanical works

Sewerage, sanitary products, electrical installation (lighting, sockets, panels), telephone network, fire safety, earth wires, surrounding area sewerage (drainage gullies, pipes), heating-cooling ventilation system with heat pumps and air ducts, generator set.

➤ **LAGADA STORE**

Store area: 1.500m²

Plot area: 7.000m²

Store Modernization

Works outdoors

- Construction of indoor space for the installation of cooling equipment with rain louvers, air ducts construction for the cooling equipment, exterior painting of the entire store, construction of sewage system for refrigerators and rainwater, rebuild of all waysides and flagstones.

Works indoors

- Replacement of all windows and entrance glass with new energy glasses, replacement of sanitary ware, interior painting of the entire store, replacement of false ceilings at the sale, storage and ancillary spaces, carpentry in the kitchen, impact protection, full reconstruction of the kitchen and WC, installation of new wall tiles in the sales area.

➤ **EVOSMOS STORE**

Store area: 1.500m²

Plot area: 8.400m²

Store Modernization

Works outdoors

- Exterior painting of the entire store, construction of sewage system for refrigerators and rainwater, rebuild of all waysides and flagstones, milling and asphaltting of the parking area, construction of new rain water and sewage system networks, construction of strong and weak current network.

Works indoors

- Replacement of glazing panes, glass panes and entrance glasses with new energy glasses, replacement of sanitary ware, interior painting of the entire store, replacement of false ceilings at the sale, storage and ancillary spaces, carpentry in the kitchen, impact protection, full re-

PROJECTS

construction of the kitchen and WC, installation of new wall tiles in the sales area and WC, replacement of all doors.

➤ **PYLAIA STORE**

Surrounding area: 11.530 m²

Shop area: 1.470 m²

Rebranding of ALDI store into LIDL store

Construction works

- Internal painting of the entire store, false ceiling replacement in sales and auxiliary areas, carpentry in the kitchen, installation of new wall tiles in the sales area and WC, doors replacement

Surrounding area

- Exterior painting of the entire store, rebuilding of all waysides and flagstones, partial replacement of the asphalt, asphalt painting, new stripping, topsoil dismantling, building cleaning, mezzanine insulation, Logo instatement

Electromechanical works

Modification of ventilation network, modifications in water and drainage networks

➤ **MENEMENI STORE**

Surrounding area: 2000m²

Shop area: 1700m²

Extension: 120m²

BAKE OFF CONSTRUCTION

Construction works

- **Extension for the construction of baking area including:** Excavation works, embankments, walls construction, coating, tile floors, lining with ceramic tiles, epoxy floor, freezing unit with polyurethane panel (for temperatures -24^o), insulations, waterproofing, metal constructions

- **Reconstruction of the entire building including:** internal painting of the entire store, false ceiling replacement in sales and auxiliary areas, carpentry in the kitchen, total reconstruction of the kitchen, installation of new wall tiles in the sales area and WC, doors replacement

Surrounding area

- Exterior painting of the entire store, rebuilding of all waysides and flagstones, partial replacement of the asphalt, asphalt painting, new stripping, topsoil dismantling, building cleaning, mezzanine insulation, Logo and signing instatement, pavers construction

Electromechanical works

- Modification of ventilation network, modifications in water and drainage networks, air – conditioning

➤ **H Aidari STORE**

Surrounding area: 1.200m²

Store: 988,6m²

Storage & Auxiliary Spaces: 711,4m²

PROJECTS

Construction works

- Excavation works, concrete works, construction of cast concrete mantles, construction of shotcrete mantles (Gunitite), basement beams support with SIKA WRAP 450c/ 90 carbon layers (1,2 & 3), construction of walls bearing seismic wall, basement beams support with SIKA SS12 50x1,2 mm carbon lamina, roof beam support with laminated blades t=8mm, masonries, coatings, floor tiling, aluminum window frames, metal doors, false ceilings, waterproofing, railings, stairs, kitchen benches, industrial flooring, gutters, wall tiles, tile in stairs.

Surrounding area

- 3A embankment, curbs, sidewalk slabs, sewerage network.

Electromechanical works

- Sewerage, sanitary products, electrical installation (lighting, sockets, panels), telephone network, fire safety, earth wires, surrounding area sewerage (drainage gullies, pipes), heating-cooling ventilation system with heat pumps and air ducts, generator set.

➤ ALEXANDRIA STORE

Store area: 1350m²
Plot area: 8000m²

Store Modernization

Construction Works

- Construction of baking area including: undisturbed concrete cutting, excavations, concreting, freezer construction with polyurethane panels, insulation works, waterproofing, epoxy floor, internal and external painting, replacement of mineral fibres at the warehouse and at the sales area, reconstruction of suspended ceilings in adjacent areas, wall tiling, masonry works, plaster works, doors construction and installation, LOGO installation, kitchen, windows replacement

Surrounding Area

- Curbs and pavings reconstruction, milling and re-paving, installation of lighting and blinds tissue, drain construction, fencing, septic tank, walls construction, paintings

Electromechanical Works

- Drainage, sanitary equipment, electrical installations, fire safety, grounding, ambient lighting, welding, air conditioning, ventilation network modification

➤ PYLAIA STORE

Store area: 1700m²
Plot area: 7800m²

Store Modernization

Construction Works

- Construction of baking area including: undisturbed concrete cutting, excavations, concreting, freezer construction with polyurethane panels, insulation works, waterproofing, epoxy floor, internal and external painting, replacement of mineral fibres at the warehouse and at the sales area, reconstruction of suspended ceilings in adjacent areas, wall tiling, masonry works,

PROJECTS

plaster works, doors construction and installation, LOGO installation, kitchen, windows replacement

Surrounding Area

- Curbs and pavings reconstruction, milling and re-paving, installation of lighting and blinds tissue, drain construction, fencing, septic tank, walls construction, paintings

Electromechanical works

- Drainage, sanitary equipment, electrical installations, fire safety, grounding, ambient lighting, welding, air conditioning, ventilation network modification

➤ **FILADELFEIA STORE**

Store area: 1.788m²

Bake Off area: 102m²

Plot area: 10.922m²

Store Modernization

Construction Works

- Construction of baking area including: undisturbed concrete cutting, excavations, concreting, freezer construction with polyurethane panels, insulation works, waterproofing, epoxy floor, internal and external painting, wall tiling, masonry works, plaster works, doors construction and installation,

Surrounding Area

- Curbs and pavings reconstruction, milling and re-paving, drain construction, paintings

Electromechanical works

Drainage, sanitary equipment, electrical installations in Bake Off area, fire safety, grounding, welding, air conditioning, ventilation network modification

MACEDONIAN LIME TITAN S.A.

THESSALONIKI

Low voltage panels and power balancer

MAKRO CASH AND CARRY

➤ **THESSALONIKI BRANCH**

Construction of reception area

Construction works

Dismantlement, extension of reception area (walls, panels), construction of offices (aluminium constructs), false ceiling, floors, painting, WC renovation.

PROJECTS

Electromechanical Works

New installation of lighting fixtures, computers, sockets, fire detection, security, telephones, Air conditioning with two 5 R.T. independent units, air curtains.

NON-FOOD Electrical works

Shelf lighting (wiring, grates, lamps, panel, removal works, television power supply, HI- FI, antenna- amplifier).

Works billed as ordered

Self assembly.

➤ **KIFISSOS STORE - ATHENS**

Parallel refrigeration subcontracting works

Floor dismantlement, new industrial floors, freezing chamber insulation, loading- unloading ramps, shot peening, placing of cover strips, breakage of curbs- entrance construction, foundation brakes, sewerage pipe leads

Various plumbing works

Drains on floors, ramps, waste tank, air duct dismantlement, extension of fire escape, protective stainless steel elements for panels, drainpipe modification, water supply network, air conditioning in tall shelf areas.

Construction of a new ramp and landscaping of surround area

Smooth cutting of reinforced concrete, dismantlement of asphalt and floors, removal of plants, earth processing, 3A laying, floor construction, Plumbing, waste sewerage, surrounding area drainage with the construction of a gully channel and the installation of grates.

➤ **PALLINI STORE - ATHENS**

Renovation of customer entrance

Dismantlement, creation of new plaster board partitions, installation of false ceilings, aluminum covers, construction of offices, lighting, floor construction.

Renovation of product pickup area

Dismantlement, installation of new plaster board partitions (100 x 12meters) with a special support frame, iron construction to support fire curtains, various plaster board works, iron constructions, doors.

Meat pickup area works

Dismantlement of existing ramp, reinforced concrete construction, floors, transport of pickup machinery.

MANGO (DEPARTMENT STORES)

➤ **RECONSTRUCTION OF THE MANGO DEPARTMENT STORE AT RIVER WEST SHOPPING MALL IN ATTICA**

Total store area: 1.100m²

Storage area: 250m²

PROJECTS

Construction works

- Dismantlement works, demolitions, metal constructions, plastering, filling floors with porous concrete, floor and wall tiles, plaster board dividing walls, paintings, fire-proof doors, false ceilings, woodworks, rolling shutters, automatic doors, aluminums.

Mechanical Works

- Plumbing installations, water supply system, sewerage, air-conditioning, air ducts, cooling units, sound traps, VRV system, insulation, fire extinguishing system (automatic sprinkler, automatic extinguishing system), permanent water supply fire fighting network, noise barriers.

Electrical installations

- Wirings, grates, LEGRAND channels, distribution panel, lighting fixtures, safety lighting fixtures, fire detection system, detectors, cabling, telephone network, rack weak, installation of PA system, central amplifier, loudspeakers, generator sets UPS (emergency power generator), alarm system.

MEDIA SATURN HELLAS (MULTINATIONAL ELECTRIC AND ELECTRONIC APPLIANCE SALE COMPANY)

➤ MEDIA MARKT STORE – EAST SIDE OF THESSALONIKI

Construction of a 4.500m² store

Constructions works

- Floors- carpets, epoxy, tiles, Walls- plaster boards, partitions, safe, TV – WALL, special lavatory partitions, Painting, Fire-resistant doors, rolls, bellows, False ceilings.

Engineering works

- Plumbing installations- water supply, sewerage, Air conditioning- heating- air ducts, cooling units, sound traps, VRV system, insulation, Tube mail.

Electrical installations

- WIELAND system, EIB (INSTABUS) system, wirings, grates, LEGRAND channels, distribution panel, lighting fixtures, (addressable system), Safety lighting fixtures, Fire detection system- detectors- cabling, Telephone network- cabling, Rack Weak, Installation of PA system- central amplifier, loudspeakers, cabling, Television system, antennas, satellite equipment, distributors (Kathrein), Access system- cabling, Generator sets- UPS.

➤ MEDIA MARKT STORE – WEST SIDE OF THESSALONIKI

Basement area: 808m²

Ground floor/First floor/Second floor: 4.392m²

Construction works of internal arrangements and electromechanical installations

Constructions works

- Elevated floors, carpets, tiles, walls, plaster boards, partitions, special lavatory partitions, paintings, fire proof doors, false ceilings, wood works.

Engineering works

- Plumbing installations, water supply, sewerage, air conditioning, air ducts, cooling units,

PROJECTS

sound traps, VRV system, insulation, tube mail, fire extinguishing system (automatic sprinkler, automatic extinguishing system, permanent water supply fire fighting network).

Electrical installations

- WIELAND system, EIB (INSTABUS) system, wirings, grates, LEGRAND channels, distribution panel, lighting fixtures, safety lighting fixtures, fire detection system (addressable system), detectors, cabling, telephone network, cabling, rack weak, installation of PA system, central amplifier, loudspeakers, cabling, access system, cabling, generator sets UPS, door phones.

► INTERIOR FORMATION AND ELECTROMECHANICAL INSTALLATION OF THE NEW SATURN STORE – «THESSALONIKI II - EAST» FOR MEDIA SATURN HELLAS

The building consists of basement and ground floor
Total area: 5.400m²

Constructions works

- Elevated floors, carpets, tiles, walls, plaster boards, partitions, special lavatory partitions, paintings, fire proof doors, false ceilings, wood works.

Engineering works

- Plumbing installations, water supply, sewerage, air conditioning, air ducts, cooling units (rooftop), VRV system, insulation, tube mail, fire extinguishing system (automatic sprinkler, automatic extinguishing system, permanent water supply fire fighting network).

Electrical installations

- WIELAND system, EIB (INSTABUS) system, wirings, grates, LEGRAND channels, distribution panel, lighting fixtures, safety lighting fixtures, fire detection system (addressable system), detectors, cabling, telephone network, cabling, rack weak, installation of PA system, central amplifier, loudspeakers, cabling, access system, cabling, generator sets, continuous supply (UPS), door phones, satellite and earth television circuit, batteries panel.

MEDITERRANEAN COSMOS

THESSALONIKI

Facilities configuration in the parking space area

Plot area: 92.000m²

Construction Works

- Curbs and slabstone pavings, excavations and demolitions, asphaltting, vertical and horizontal signing, drilling and filling, construction of concrete bases

Electromechanical works

- Construction of lighting network, construction of parking control network (PMS), optical fiber cables, diffusers and lighting columns placement

MEVGAL S.A. (MILK INDUSTRY)

KOUFALIA – THESSALONIKI

Fire-extinguishing network

PROJECTS

- Motor complex (75 HP AC motor, 80 HP diesel motor), fire-extinguishing network.

Piping networks

- Steam, cold water (from an icebox) and additional stainless steel networks within the production area, Steam collectors (boiler room, production area).

Various works

- Additional works on biological processing, New pumps and collectors for the icebox.

Iron constructions

- Network supports (black stainless steel) and deck for air transport of steam networks from the boiler room to production areas.

MICROSOFT HELLAS S.A.

MAROUSI ATTICA - ATHENS

- **Total reconfiguration of office spaces for the implementation of the Workplace Advantage (WPA) model**

Offices area: 2200m²

Construction works

- Demolitions, internal configurations taking into consideration the unhindered operation of company, internal partitions with drywall and soundproof partitions of aluminium, coatings of floorings with moquette and tile, colorations internally, manufacture of mobile glass wall, manufacture of mobile soundproof wall, ceilings from drywall, mining fibre and paper celliform roof, special architectural roofs from drywall, graphic in walls and crystals, wallpapers, internal soundproof wooden doors, woodworking - special manufactures of furnitures, fireproof door, lame and black out rolls, manufacture of restaurant, bench of restaurant, signs

Electromechanical works

- Cooling-heating system modification, installation of air conditioning (fan coil), installation of fire alarm system, installation of ventilation system and fresh air supply system, complete electrical installation, special architectural lighting, installation and programming of instabus system, installation of air conditioning and firefighting server room

- **Fire damage restoration works**

Office area: 2200m²

Construction works

- Demolitions, internal configurations taking into consideration the unhindered operation of company, internal partitions with drywall, coatings of floorings with moquette, colorations internally, manufacture of mobile glass wall, manufacture of mobile soundproof wall, ceilings from drywall, mining fibre and paper celliform roof, special architectural roofs from drywall, graphic in walls and crystals, wallpapers, internal soundproof wooden doors, woodworking - special manufactures of furnitures, fireproof door, lame and black out rolls, manufacture of restaurant, bench of restaurant, signs, supply and installation anti vehicle bollards and barriers

PROJECTS

Electromechanical works

- Cooling-heating system modification, installation of air conditioning (fan coil), installation of fire alarm system, installation of ventilation system and fresh air supply system, complete electrical installation, special architectural lighting, installation and programming of instabus system

MUNICIPALITY OF AGIOS ATHANASIOS

THESSALONIKI

Electric lighting of sports facilities with six steel pylons (floodlights, electrical panels, cabling).

MUSEUM OF BYZANTINE CULTURE

THESSALONIKI

Construction of metal frames for exhibits mounting

NATIONAL BANK OF GREECE

➤ ZAKYNTHOS BRANCH

Renovation of 700m² store.

Landmark building

Construction works

Dismantlement, removal works, clay brick constructions with hydrothermally processed clay bricks, plaster works, painting, false ceilings, covering of floors with marble and tiles, French-type wooden frames (façades), wooden staircases, woodwork (doors- chests- covers), thermal insulation- waterproofing of roof, wooden wind barriers, oak floors, plaster works, repair of central doors, maintenance of existing wooden frames, Metal construction to cover the atrium with milk glass false ceiling, aluminium cover for atrium, Cleaning of marble covers, columns and pediments of the façades, Resin grouting to reinforce façade covers, water jetting, façade painting.

Electromechanical Works

Electrical installations (lighting- sockets- panels), Telephone installation, DATA installation, LAN, Allocation of DATA- telephone distributors, Security system (CCTV- camera- video), radar network, Cooling- heating and ventilation system (hot water boiler, cooler, air-conditioning unit, air ducts, piping, fan coils).

➤ PSACHNA BRANCH - EVIA

New 160m² area

PROJECTS

➤ **SKIATHOS BRANCH**

Renovation of 300m² area

Construction works

Dismantlement, clay brick constructions, plaster works, painting, false ceilings, covering of floors with marble and tiles, aluminum frames- glass panes (façades), metal staircase frame, woodwork (doors- chests- steps- covers), thermal insulation- waterproofing of roof, wind barrier, Securit glass doors, false ceilings.

Electromechanical Works

Electrical installations (lighting- sockets- panels), Telephone installation, DATA installation, Allocation of DATA- telephone distributors, Installation of security system (CCTV- camera- video), Cooling- heating and ventilation system (fans, heating pumps, air ducts).

➤ **CORFU BRANCH**

Façade renovation

Landmark building

Replacement or cleaning of vertical marble structures, dismantlement of coves, covers, painting, breast wall construction, railings, façade lighting, iron works, cleaning.

➤ **i – BANK STORE – ARISTOTELOUS STR., THESSALONIKI**

Store area: 264 m²

Construction works

- Internal painting of the entire store, new ceilings out of plasterboard and wood, walls and internal partitions lined with wood and plasterboard, special curved metal constructions lined with plasterboard, ambient lighting placement inside and above special curved metal constructions, walls out of plexiglass for LCD screens placement, WC., construction and placement of light boxes with commercials on them, special metal construction in the entrance of the store with ambient light, special illuminated surface out of plexiglass, projector placement, furniture and offices out of Corian, glazing panes in the façade of the store, new floors out of wood and vinyl, partitions out of aluminum and glass.

Electromechanical works

- Electrical installations of weak and strong currents, lighting, water supply- sewerage network, air-conditioning installation, fire detection system, wiring of CCTV alarm.

N.A.T.O., KODRAS CAMP - THESSALONIKI PORT AUTHORITY FACILITIES

THESSALONIKI

Offices renovation

- Plaster board partitions, doors with Simplex lock mechanism, security bars on doors and windows, safety filters on windows, aluminium constructions, painting, Electrical and plumbing installations, sanitation products, Air- conditioning with split units.

Improvement of security installations

- Installation of automatic entrance bar, heavy-duty metal doors, cement barriers, metal barriers.

PROJECTS

Outdoor medium voltage substation 500KVA

- Kiosk, transformer, medium voltage cells, low voltage main panel, medium and low voltage cabling, excavation works, connection to existing panels, construction of new panels, connection to generator set.

Electromechanical Works

- Electrical, plumbing and sewerage installations at prefabricated reception complexes, Construction of bases for containers.

NESTLE HELLAS (KORPI PLANT)

VONITSA

Warehouse expansion

Wall construction, plaster works, painting, glass panels, industrial floor.

NORTH AEGEAN SEA CANNERIES S.A.

➤ THESSALONIKI OFFICES

Construction of 350m² offices in Kalochori

Construction works

- Plaster board office partitions, wooden frames, aluminum frames, carpets, blinds, neon sign.

Electromechanical Works

- Heating and ventilation system using fan coils and an air-cooled cooler, Electrical installations (lighting- sockets- panels), Telephone installations, DATA installations.

➤ KILKIS INDUSTRIAL AREA PLANT

Engineering works

Steam system

- Two 4.000 kgr/hr boilers, softeners, condensate tank, steam collector, steam barriers, steam traps, safety features, automations, LPG network, piping networks, network- tank insulation.

Hot water production system for heating offices

- 500.000 kcal/hr steam- water alternator, collectors, circulators, vanes, steam barriers, steam traps, thermostatic vane, expansion containers, piping- alternator insulation, steam and condensate piping networks.

Hot water production system for washing the production areas

- 150.000 kcal/hr hot water boiler, 20HP twin pumping complex, collectors, vanes, escape- ment, safety features, piping- boiler insulation, piping networks.

PROJECTS

Supply system with cold factory water

- Motor complex (40HP AC motor, 45HP diesel motor), fire-extinguishing network.

Factory oil supply system

- PVC oil tanks, oil pump, piping network.

Office cooling system

- 100RT water-cooled cooler, cooling room, piping network.

Compressed air network

- Air compressors, cooler, secondary cooler, filters and secondary filters.

Installation of factory machinery

Various constructions

- 1.500kgr Crane Bridge and rotating 500kgr crane bridge.

Iron constructions

- Machinery bases and network supports.

Electrical works

Medium voltage substation 800KVA

- Transformer, medium voltage cells, low voltage general panel, power balancer, medium and low voltage cabling, grounding triangle.

Generator set 500KVA

- Fully automated generator sets with all parts, fuel tank, switch power panel with remote control motor for automatic transfer between Public Power Corporation (DEI) and the generator set, electrical installation of generator set- transfer set, grounding triangle.

Electrical installation for movement and lighting

- Cabling for lighting the factory & offices and powering the factory, automations, electrical panels for the power supply and automations of the factory & offices.

Electrical low current installations

- Fire-detection system for factory and offices, telephone network, DATA network.

Biological treatment electrical installations

- Electrical installations on biological processing, Reconstruction of biological processing electrical panel.

OPAP SERVICES SA

Reconstruction works in 215 Retail Network Shops in the Prefectures of Achaia, Iliia and Messinia as well as the islands of Chios and Limnos.

Construction works

- Procurement, construction and installation of office equipment (furniture transaction, drawers), plumbing projection (signs) and markup (acrylic stickers and labels), metal investments (Etabond) on the facades of the shops.

Electrical installations

PROJECTS

- Cables and Switch programs material for counter service, facilities lighting for the luminous sings.

PANORAMIC S.A. (ADVERTISING FIRM)

THESSALONIKI

Six Trivision advertising panels

Base, column, frames, electrical installations and lighting.

Ten double- face advertising panels

Base, column, frames, electrical installations and lighting, 12.000kgr/H2 steam boiler, condensate tank, 20m³ crude oil tank, collectors, steam barriers, steam traps, safety features, etc.

PEPSICO IVI INDUSTRIAL S.A.

➤ **LOUTRAKI PLANT**

Plastic water bottle production building: 1000m².

Substation building: 80m².

PVC storage and distribution building: 300m².

New plant for the production of plastic water bottles

Load-bearing structure of a plastic bottle production building and reinforced concrete sport. Load-bearing structure of a PVC storage and distribution building of metal constrtion.

Construction works

Earthworks, foundations, clay brick constructs, plaster works, painting, industrial floor, aluminum frames, metal frame, paneling of metal frame (PVC building), covering of roof with dyed metal sheet (PVC building), drainpipes, heavy- duty metal electrically- operated industrial doors and painting thereof, landscaping of surrounding area, coverage of surrounding area with industrial floor, Metal airlift 20m long and 4m wide connecting the plastic bottle manufacturing plant with the bottling plant.

Electrical- Mechanical installations

➤ **THESSALONIKI PLANT - INDUSTRIAL AREA**

High specifications heating and ventilation system for bottling-manufacturing plant

Collection- exhaust fans, steam- air heating elements, comprehensive filter for incoming air. Steam supply system for heating elements, steam barriers, pressure reducers, thermostatic vanes, steam traps and various parts. Full air duct network.

Stainless steel system for washing the manufacturing plant (C.I.P.) - expansion of manufacturing plant

Special pump and piping stations, product storage tanks, mixers, lofts with staircase, expansion of piping networks, installation of new machinery.

PROJECTS

Boiler room

12.000 kgr/H₂ boiler, condensate tank, 20m³ crude oil tank, collectors, steam barriers, steam traps, safety installations and various parts, automations, crude oil and piping network, network- tank insulation.

Fire-extinguishing network

Motor complex (75HP AC motor, 80HP diesel motor), fire-extinguishing network.

System for storage, automatic weighing and movement of isoglucose

Stainless steel 30m³ tank with heating mantle, staircase and visit loft, manhole and various parts.

Tank sterilization system using UV radiation, tank ventilation through special filters, recirculation and heating system.

Weighing machine with 4 load cells and an electronic control system.

Stainless steel inverter-controlled distribution pump.

Stainless steel piping network. Insulation of tank- piping.

PLC automation panel.

Piping Networks

40 and 8 bar compressed air, steam, condensate, water for cooling machinery and expansions of soft, hard water and stainless steel networks.

Electrical works

Medium Voltage Substation 1.000KVA

Transformer, medium voltage cells, power balancer, connection to existing substation, low voltage panels, medium and low voltage cabling.

Iron constructions

Support and visit loft (with staircase) for ventilation system, air duct supports, network supports (black stainless steel), machinery bases.

➤ **LOUTRAKI PLANT**

Engineering works

High specification ventilation system for bottling plant

Adduction- exhaust fans, comprehensive filter for incoming air, electro statically dyed air duct network.

Ventilation and ozone filtering system for bottling chambers

Special collection- exhaust fans, stainless steel carbon filter for exhausted air, stainless comprehensive filter for incoming air, stainless air duct network.

Bottle washing machine ventilation system using a funnel, air ducts and fan

Fire-extinguishing network

Motor complex (40HP AC motor, 45HP diesel motor), fire-extinguishing network.

Electrical works

Lighting of bottling plant and new warehouses, fire detection in plant.

➤ **PLASTIC WATER BOTTLE PRODUCTION - LOUTRAKI PLANT**

PROJECTS

Engineering works

Machine mold cooling system

Three water- cooled compressors, 10m³ icebox, pump complexes for transporting cold water, pump complex collectors, piping network. Network and icebox insulation.

Air compressor room

Three water-cooled compressors, freezer, secondary freezer and filters, connection of compressors to corresponding pressure controllers, air compressor cooling system and piping.

Piping networks

Compressed air, cold water, fire-extinguishing.

Supply system with plastic bottle producing PVC machines

30m³ PVC storage and transport (virgin, reborn), PVC dosage (virgin, reborn), Supply of PVC production machines, Collection of byproducts and transport for rebirth.

Automated air transport system for plastic bottles over a length of 100m

Construction and installation of high pressure fans with corresponding nozzles (12 units), PVC piping networks.

Electrical works

Medium Voltage Substation 2.000KVA

Two parallel 1000KVA transformers, power factor correction, medium and low voltage cabling, low voltage panels, medium voltage cells, Electrical installations for transport and lighting.

➤ AMAROUSION PLANT – ATHENS

Sterilizer water-saving system

➤ OINOFYTA PLANT - ATHENS

Engineering Installations

Steam distribution (black piping, insulation with pyrite- magnesium shells, stainless insulation, vanes, valves, pressure reducers, collectors, flues, etc.).

Steam condensates (black piping, insulation, condensate tank, steam traps, vanes, thermostatic valves, supports, etc.).

Distilled water (galvanized piping, insulations with expanded polyurethane shells, collectors, valves, sprinkler).

Soft water (piping, insulation, vanes, electrically-powered valves, reducers).

Compressed air (galvanized piping, ball valves, cast iron vanes, water traps).

High-pressure compressed air (carbon steel piping, valves, etc.).

CO2 network, (black piping, valves, vanes).

Lye (seamless piping, vanes, lye tank, lye pump).

Nitrogen network (black piping, seamless piping, vanes, reducers, etc.).

Glucose/ cooling water system (stainless piping, butterfly vanes, general vanes, thermometers, safety valves, special insulation, 40m³ glucose tank, pumps).

Cold water system (piping, valves, filters, pumps).

Electrical installations

High voltage installations (fluorescent lighting, safety lighting, external lighting, sockets, cabling, plastic channels, cable grates, PVC piping, galvanised piping, electrical panels).

PROJECTS

Low voltage installations (twisted pair cables, plastic channels, cable grates, PVC piping, galvanized piping, telephone distributors, telephone sockets).

Fire-detection installations (piping, cabling, smoke detectors, differential thermal detectors, buttons, sirens, panels, channels, excavation).

Medium voltage substation. Two parallel 1.600KVA transformers, medium voltage cells, low voltage panels, medium and low voltage cabling, power balancing.

External lighting (webs, bases, lighting fixtures, galvanized copper, cabling, panels, excavation, concrete)

PHILKERAM JOHNSON S.A. (CERAMIC TILES MANUFACTURERS)

THESSALONIKI

Electrical works

General electrical installations on power line, computer network, special lighting, panels and controllers.

POLIECO HELLAS A.E.B.E.

SERRES

➤ Construction of an Industrial Building and an Office Building

Land plot area : 30600 m²

Industrial building area : 4.000 m²

Office building area

Total construction area : 2.500 m²

(Basement, ground floor, two storey and stairwell)

Construction Works

- Excavation works, land filling and draining around the perimeter of the buildings. Carrier frame: office building made of reinforced concrete; office building made of metal elements. Infill walls: in the office building: double-brick rows with insulation in between and double plaster wall; in the office building: polyurethane panels with double metal sheet coverage and a layer of mineral wool in between. Coating, cement paint, plastic and epoxy paint. Insulation with bitumen sheets, cement products, EPDM membrane. Cement screed, floors made of tiles-wood-marble, towed industrial floors (factory floors with network routing channels covered with grids and galvanized lids), epoxy floors. Aluminum, metal, wooden door and window frames, window panes, industrial sliding doors (MOT type).

Electrical engineering works in buildings

- Plumbing, waste sewage removal, rain water drains, Lighting, sockets, panels, Air-conditioning, heating, ventilation, Telephone exchange, cameras, DATA Network, Perimeter lighting, BMS System.

Electrical mechanical engineering works at the factory – sub-station

- Processed water network, water softener, Cells, transformers, low voltage panels, earth wires, Air network, Vacuum network, Connections of electrical mechanical equipment.

Surrounding area

- Excavation works, land filling, land filling with 3A material, bitumen laying, Curbs, cement slabs, fencing of various types, sliding gates with electrical motors and entrance-exit bars.

PROJECTS

PRODUCTION S.A. (PLASTICS PRODUCTION PLANT)

KILKIS INDUSTRIAL AREA

Engineering works

Boiler room

- 500.000kcal/hr hot water boiler, oil tank, collectors, circulators, vanes, safety features, piping, insulation.

Air compressed room

- Air compressors, cooler, secondary cooler, filters.

Office cooling

- 50RT Air-cooled cooler, air ducts.

Fire-extinguishing network

- Motor complex (50HP AC motor, 60HP diesel motor), fire-extinguishing network.

Cool water cooling system for production machine molds

- Two air-cooled coolers, 10m³ storage tank, pumps.

Piping networks

- Production area heating (air heaters), office heating (radiators), compressed air, production machine mold cooling.

Iron constructions

- Machinery bases and networks supports.

Electrical works

Medium Voltage Substation 2.000KVA

- Two 1.000KVA parallel transformers, imaginary power balancer, medium voltage cells, low voltage panels, medium and low voltage cabling.

Electrical installations for movement and lighting

- Lighting of factory and offices, power supply cabling in factory and offices, automations, electrical panels.

Low current electrical installations

- Fire detection in factory and offices, telephone network, DATA network.

Automations

- Interconnection of automatic operations of the welding machine (Robot), Installation of automations on production machines.

Iron constructions

- Network supports and machinery bases.

SARAMOURTSIS SONS INDUSTRIAL & COMMERCIAL S.A. (POULTRY BREEDING PLANT)

NEOCHOROUDA – THESSALONIKI

Boiler room

- 1000kgr/hr steam boiler, softeners, condensate tank, steam collector, automations, piping networks, LPG network, steam barriers, steam traps, safety features, network- tank insulation.

PROJECTS

Fire-extinguishing network

- Motor complex (40HP AC motor, 45HP diesel motor), fire-extinguishing network.

Installation of rendering complex machinery

Twin 20HP pump complex

Industrial cooling

- Cooling room and engine room for freezing tunnel using ammonia (compressors, piping, ammonia tank, automations).

Piping networks

- Steam, factory washing, compressed air, rendering, ammonia, warm water, byproduct transport, network insulation.

Stainless steel iron constructions

- Product transport system support, Bases for production machines, network supports.

Stainless steel machinery constructions- machinery modifications

- Auxiliary machinery for poultry slaughterhouses, byproduct storage and transport system for rendering (tank- screws- AC motors- automations), blood tank, plume tank door mechanism.

Conversion of the plume tank screw movement system.

Installation of factory production machinery in cooperation with Dutch technician

Energy saving system

Cooling chambers

- Air cooled bases, air coolers.

SETRA A. STAMATIOU INDUSTRIAL & COMMERCIAL S.A. (BUS MANUFACTURING PLANT)

THESSALONIKI

Engineering works

Fire-extinguishing network

- Motor complex (40HP AC motor, 45HP diesel motor), fire-extinguishing network.

Piping networks

- Heating, compressed air.

Electrical works

Medium Voltage Substation 1.000KVA

- Transformer, medium voltage cells, power balancer, low voltage panels, medium and low voltage cabling.

Electrical installations for movement and lighting

- Lighting, power supply cabling, automations, electrical panels.

SIDENOR INDUSTRIAL & COMMERCIAL S.A. (STEEL WORKS)

PROJECTS

THESSALONIKI

Electrical conversion works in pumps with dismantlement and new installation of low and medium voltage cables, transformers and medium voltage panels until full operation. Low voltage panels.

SPRIDER STORES S.A.

Stores Refurbishment/Construction

➤ **VERIA STORE**

Sales area: 1.640m²
Storage area: 100m²
Auxiliary areas: 15m²

Construction works

Automatic sliding door, painting of exterior walls, construction and extension of shop windows, supply window, new staircase, shifting of cashier's desks and changing rooms (construction of dividing walls, panels), transfer of safe, new false ceiling for the ground floor and the basement, shelves, painting of interior walls, wall coverings, removal of air pipe from the basement and removal of old staircase.

Electrical engineering works

Electrical installations, lighting fixtures, new light and electric point control panel, VOICE-DATA, new alarm, fire detection and sound-music system, air-conditioning, (maintenance of air-conditioning units, additional cassettes, transfer of LG cupboards to the storing area, A/C Server), sprinklers system layout, adaptation of entrance and return points of air pipes to the new false ceiling, inflow air pipe glass wool insulation, lift.

➤ **PYLEA STORE - THESSALONIKI**

Sales area: 1,710m²
Storage area: 200m²
Auxiliary areas: 20m²

Construction works

Cleaning of façade and TOTEM, painting of all exterior building surfaces, exterior installation of water supply, asphalt paving and line layout of parking area, opening of new entrance to the storage area, conversion of entrance into a shop window, transfer of safe, removal of plumbing installation and tiles, shifting of cashier's desks and changing rooms (construction of dividing walls, panels), new false ceiling, walls lined with tiles, paneling placed on all surfaces, extension of shop windows, removal of laminated surfaces and panels, support of shelves.

Electrical engineering works

Electrical installations, lighting fixtures, new light and electric point control panel, PILAR transfer, VOICE- DATA, WC ventilation, new alarm, fire detection and sound- music system, air-conditioning, (maintenance of cassettes, additional cassettes, transfer of LG cupboards to the storing area, A/C Server).

➤ **OREOKASTRO STORE - THESSALONIKI**

Sales area: 1,953m²
Storage area: 150m²

PROJECTS

Auxiliary areas: 25m²

Construction works

Painting of exterior surfaces, ceiling damp proofing, transfer of safe, tiles on the whole of the floor area, new personnel WC, paneling placed on all surfaces, metal sub- construction of false ceiling, removal of laminated surfaces, support of shelves.

Electrical engineering works

Electrical installations, lighting fixtures, new light and electric point control panel, VOICE-DATA, new alarm, fire detection and sound-music system, air-conditioning (maintenance of cassettes, additional cassettes, transfer of LG cupboards to the storing area, A/C Server), sprinklers system layout, adaptation of entrance and return points of air pipes to the new false ceiling, inflow air pipe insulation with glass wool.

➤ **LIKORISSI STORE**

Sales area: 1.510m²

Storage area: 95m²

Auxiliary area: 25m²

Construction works

- Demolish burned out cladding and plaster board dividing walls, false ceiling, staircase and lift steel structures and damaged floor tiles.

Reinforcement of the load bearing elements of the building structure with reinforced claddings and gunite spraying. This includes:

Remove the floor cover on first floor, The use of very high pressure water jet (1.000 bar) for thorough cleaning and roughing of the concrete surface at the underside of the slab, Repairing cracks with epoxy resin injections and epoxy resins repair kits, Hole drilling for the installation of reinforcement forks securing them with epoxy resins, Installation of reinforce steel same as per the original calculation of the building, Installation of reinforce grid #T196 on top of the slab, Installation of expanded polystyrene in the hollows of the ZOELNER slab, Installations of additional reinforce grid #T196, on the underside of the slab, Casting of 7 cm upper concrete slab, Cast of 7 cm gunite concrete at the underside of the slab covering the sides and the bottom of the beams as well.

Other civil construction works

Replacing automatic sliding door, painting of exterior walls, construction of shop windows, new staircase (installation of metal constructions, INOX staircase, hand railing, wooden step covers, reinforced glass side covers), LIFT with INOX covers and glass panes, construction of dividing walls, plasterboard structures, new false ceiling for the ground floor and the basement, shelves, painting of interior walls, wall coverings etc.

Electromechanical works

Electrical cable installation, lighting fixtures, new sockets, installation of distribution and lighting panel, installation of VOICE-DATA, new alarm system, fire detection and sound-music system, air-conditioning, server room A/C, lift installation.

➤ **AIGIO STORE**

Sales Area: 1.213m²

Storage Areas: 102m²

Auxiliary Areas: 12,20m²

Civil Construction Works

PROJECTS

Plasterboard coverings, dry walls, new false ceiling, paintings, storeroom furniture, support of shelves, general cleaning.

Electromechanical Works

Electrical installations, air-conditioning, electrical equipment, CCTV, cash logistic equipment, installation of sound system, fire detection, installation of external lighting (floodlights).

➤ **CITY GATE COMPLEX STORE - THESSALONIKI**

Sales area: 1.400m²
Storage area: 100m²
Auxiliary areas: 10m²

Civil Construction works

Removal of false ceilings, floors, wall coverings and walls, tiles, marble works, glued-on wooden floors, hammer-on wooden floors, laminated surfaces, dry walls, wall works, painting works, shop windows, display cabinets, railings, reflective glass panes, mirrors, staircase, lift shaft, kitchen, toilet, general cleaning works.

Electrical engineering works

Electrical and plumbing installations, air-conditioning, lift, light sign, automatic door, electrical equipment, CCTV, cashier desk/accounts equipment, sound-music system, fire safety/protection, furnishings/fixtures.

➤ **NAFPAKTOS STORE**

Sales area: 1.150m²
Storage area: 80m²
Auxiliary areas: 25m²

Construction works

Wall works, surface coatings, painting works, ordinary wooden doors, shop windows, paneling works, changing rooms construction, stair well/case (iron construction with wooden floor, INOX railings), iron construction works.

Electrical engineering works

Two-stop lift, electrical installations, lighting, structured wiring, air-conditioning, air-conditioning drain system, public address system, fire detection system, alarm, anti-theft system infrastructure and wiring.

➤ **STAVROUPOLI STORE - THESSALONIKI**

Sales area: 1.360m²
Storage area: 200m²
Auxiliary areas: 20m²

Construction works

Wall works, surface coatings, painting works, ordinary wooden doors, shop windows, paneling works, changing rooms construction, stair well/case (iron construction with wooden floor, INOX railings), iron construction works.

Electrical engineering works

Two-stop lift, electrical installations, lighting, structured wiring, air-conditioning, air-conditioning drain system, public address system, fire detection system, alarm, anti-theft system infrastructure and wiring.

PROJECTS

- **YANNITSA STORE**
Sales area: 1.180m²
Surrounding area: 1.404,80m²

Construction works

Dismantling- removal works, walling, wall coatings, reinforced concrete works, insulation works, tile floors, marble floors, asphalt paving works, ordinary wooden doors, saloon doors, automatic entrance door, shop windows, paneling works, construction of changing rooms, stair well/case (iron construction with wooden floor), WC construction, ETALBOND, garden.

Electrical engineering works

Two - stop lift, electrical installations, lighting, structured wiring, air-conditioning, fire fighting system, fire detecting system, alarm.

- **HALICARNASSUS STORE - CRETE**
Shop area: 1.440m²
Surrounding area: 480m²

Construction works

Stair coverings, window panes, stair banisters in shop windows, false ceilings, construction of changing rooms, hanging constructions, wall- to- wall carpeting, doors, ETALBOND façade.

Electrical engineering works

Two - stop lift, electrical installations, lighting, security system, telephone exchange.

- **KERATSINI STORE - ATHENS**
Sales area: 1.050m²
Storage area: 157m²
Auxiliary areas: 20m²

Construction works

Removal of false ceilings, floors, wall coverings and walls, metal loft & metal stairs, indicator-plates, diffusers, grand floor glazing, dismantlement of accounting office, guardrails, toilets, entrance rolling shutters, painting of all exterior building surfaces, new false ceiling, plaster-board works, walls lined with tiles, shop windows, tiles, marble works, paintings, insulation waterproofing, new guardrails, glass panes, mirrors, kitchen, toilets, storage furniture, shelves support, general cleaning works.

Electrical engineering works

Electrical installations, lighting fixtures, new light and electric point control panel, sockets, Voice Data, lift, automatic door, new alarm system, fire detection system, installation of sound/music, outdoor spotlight, air-conditioning, light sign.

- **KASTORIA STORE**
Sales area: 1.000m²
Storage area: 80m²
Auxiliary areas: 15m²

Construction works

Construction of shop windows, supply window and conveyor belt, construction of dividing walls

PROJECTS

with panels, safe laying, new false ceiling for the ground floor, the basement and the 1st floor, shelves, painting of interior walls, wall coverings, storage furniture, TOTEM foundation.

Electrical engineering works

Electrical installations, lighting fixtures, new light and electric point control panel, VOICE-DATA, new alarm, fire detection and sound-music system, air-conditioning, A/C Server).

➤ **LEFKADA STORES (TWO STORES)**

Sales area: 900m²
Storage area: 100m²
Auxiliary areas: 20m²

Construction works

Opening of new entrance to the storage area, safe laying, construction of dividing walls, panels, new false ceiling, walls lined with tiles, paneling placed on all surfaces, storage furniture, iron works to support panels, painting works, rock garden.

Electrical engineering works

Electrical installations, lighting fixtures, new light and electric point control panel, VOICE-DATA, WC ventilation, new alarm, fire detection and sound- music system, air-conditioning.

➤ **TWO SPRIDER OUTLET STORES IN PROMACHONAS**

Sales area: (A+B stores): 1,600 m²
Storage area: (A+B stores): 160 m²
Auxiliary areas: (A+B stores): 7 m²

Construction works

Removal of coverings, removal of existing objects, furniture and shelves, epoxy-painting of floor, dry walls, painting walls, general cleaning works.

Electrical – engineering works

Electrical installations, air-conditioning, electrical equipment, CCTV, cashier desk/accounts equipment, sound-music system.

➤ **PTOLEMAIDA STORE**

Sales area: 1.100 m²
Storage area: 72 m²
Auxiliary area: 50m²

Construction works

Plasterboard works, new false ceiling, paintings, storage furniture, support of shelves, TOTEM installation, and general cleaning works.

Electromechanical Works

Electrical installations, air-conditioning, electrical equipment, closed circuit TV/alarm, cash accounting equipment, sound-music installation, fire detection, fire water installation, external floodlights.

➤ **COMPLETE RENOVATION OF CLASSIC BUILDING AT ERMOU 54 STREET IN ATHENS**

Sales area: 2.500 m²

PROJECTS

Storage area: 150 m²
Auxiliary area: 40 m²

Construction works

Clean and take away all rubble and leftovers after the fire, reinforcement of the concrete structure with gunite, redo floors with Dionysos marbles, installation of vandal and bullet proof glass fronts (with certification P7B), certified leaded light at the show-cases of the ground floor, installing around the three lift shafts laminated glass panes with spot supports, metal steel work construction of the lift shafts, INOX hand railings at the staircase, installation of electric rollers shutters, constructions of INOX and glass pyramid at the basement ceiling, roof insulation, construction of an arcade.

Automatic sliding doors, elevators, construction and extension of show-cases, construction of dividers, plasterboards works, transportation and install the safe, new plasterboard false ceiling on all floors, two new metal public bridges at first and second level with glass floors, glass side covers with spot support and INOX handrails, painting of the building externally and internally.

Electromechanical works

Electrical installations, lighting, new distribution boards, voice-data installation, new alarm system, fire detection and installation of public address system, air-conditioning system, installation of fire suppression system, special LED lighting type RGB spot and linear, lighting with spot lights on rail at special recess at the ceiling.

- **IOANNINA STORE**
Sales area: 1.500 m²
Auxiliary area: 20 m²

New store construction

Construction works

Plasterboards works, dry stone masonry, new false ceiling, paintings, floor and wall tiles, support of shelves, construction of a new fire fighting water tank, TOTEM installation, general cleaning works.

Electromechanical works

Electrical installations, air-conditioning system, electrical equipment, alarm system installation, cashier desk/accounts equipment, sound-music installation, fire-detection and fire-fighting system, plumping equipment and installation, external lighting.

- **AGEALEO STORE - ATHENS**
Sales area: 2.200 m²
Auxiliary area: 300 m²

Construction works

Demolitions, metal section for reinforcement of load carrying members, undisturbed cut of reinforced concrete elements, floor covering with ceramic tiles, construction of a metal staircase with INOX and crystal hand railings, dry stone masonry for dividers and coverings, mineral fibre false ceiling, paintings.

Electromechanical works

Air-conditioning system, lighting fixtures, voice-data, fire detection/extinguishing system, lifts.

PROJECTS

➤ **KILKIS STORE**

Sales Premises: 1790 m²
Basement: 710 m²
Ground Floor: 530 m²
1st floor: 550 m²
Auxiliary premises: 202 m²

Construction works

Safe encasement, rock garden construction at the lowest part of the staircase shaft, storing area furnishing, construction of pylon foundation and placement of TOTEM anchoring, general cleaning works.

Electrical Engineering Works

Electrical installations, electrical equipment, air-conditioning, closed alarm system, cashiers'-accounting equipment, public address-music installation, fire fighting system, plumbing for dispensing machine, exterior flood lights.

➤ **KATERINI STORE**

Sales premises: 1550 m²
Basement: 440 m²
Ground floor: 550 m²
1st floor: 560 m²
Auxiliary premises: 130 m²

Construction works

Safe encasement, rock garden construction at the lowest part of the staircase shaft, storing area furnishing, general cleaning works.

Electrical Engineering Works

Electrical installations, electrical equipment, air-conditioning, closed alarm system, cashiers'-accounting equipment, public address-music installation, fire fighting system, plumbing for dispensing machine, exterior flood lights.

➤ **XANTHI STORE**

Sales area : 1585 m²
Basement : 655 m²
Ground floor : 805 m²
Auxiliary premises : 125 m²

Construction works

- Safe encasement, storeroom furniture, general cleaning.

Electrical Engineering works

- Electrical cable installation, electrical equipment, closed circuit alarm system wiring, cashier desk/accounts equipment, sound-music system wiring.

TEMES S.A. – COSTA NAVARINO

MARATHOUPOLIS OF MESSINIA

- **Construction of a three storey complex of residences**

PROJECTS

Design and Construction up to the completion of the project

Three storey building in a total area of 4.153m² (3 floors 2.967m² and a basement 1.186m²). Surrounding area: 1.788m²

Construction works

- Earthworks, reinforced concrete frame, external brick-walls, plasterings with ready mixed mortar, insulations, flooring with tiles and marbles, interior plasterboard walls, false ceilings, aluminum window frames and security doors, paintings, visible and closed wooden roofs, pergolas, wooden railings and decorative façade columns, ironworks, wooden frames and kitchen cabinets - wardrobes.

Surrounding area

- Excavations, land fillings, disabled ramps, sidewalk slabs, covering with perforated blocks, fencing, planting.

Electromechanical works

- Electrical installations, lighting, water supply network, sewerage installations, building and surrounding area lighting, fire detection system, air conditioning installation, lightning protection, weak currents, Data- Voice, elevators, irrigation, waste water treatment.

- **Construction of four independent two-storey buildings with a total surface of 3,331m²**

Construction works

- Earthworks, steel construction frame and metallic body, external dry-walls and thermo-insulation façade, insulations, flooring with tiles and marbles, interior plasterboard walls, false ceilings, aluminum window frames and security doors, paintings, visible and closed wooden roofs, pergolas, wooden railings and decorative façade columns, ironworks, wooden frames and kitchen cabinets - wardrobes.

Surrounding area

- Excavations, land fillings, disabled ramps, sidewalk slabs, covering with perforated blocks, fencing, planting, asphalt covering of parking areas.

Electromechanical works

- Electrical installations, lighting, water supply network, sewerage installations, building and surrounding area lighting, fire detection system, air conditioning installation, lightning protection, weak currents, Data- Voice, elevators, irrigation, waste water treatment

TRENDINO

➤ PETROUPOLI STORE - ATHENS

Sales area: 513 m²

Storage area: 80 m²

Auxiliary areas: 15 m²

Construction works

Removal of storage coil and installation of a new one, plasterboard works (external and internal of the building), false ceiling, paneling, exterior shop windows, floor and wall tiles, paint-

PROJECTS

ing, railings, display cabinets, mirrors, kitchen, toilets, storage furniture, platform within the storage room, ramp layout at the sidewalk, general cleaning works.

Electrical – engineering works

Electrical installations, lighting fixtures, new light and electric point control panel, Voice Data, lift, alarm-system, fire detection system, installation of sound/music, outdoor spotlights, air-conditioning, neon sign.

ST. PAUL'S HOSPITAL

THESSALONIKI

Air-conditioning system with individual units in operating theatres

THESSALONIKI PAINTING - FINISHING HOUSES S.A.

INDUSTRIAL AREA OF THESSALONIKI

Boiler room

- 10.000kgr boiler, oil boiler, softeners, condensate tank, steam- oil collectors, automations, steam barriers, steam traps, safety features, piping networks, network- tank insulation.

Fire-extinguishing network

- Motor complex (40HP AC motor, 45HP diesel motor), fire-extinguishing network.

Piping networks

- Steam, condensate, oil (300oC), compressed air, soft water, hard water and network insulation.

Iron constructions.

- Machinery bases and piping supports.

General constructions

- Machinery parts.

THESSALONIKI PORT AUTHORITY

Medium Voltage Substations 1.000KVA

- Expansion of existing substations, installation of two 100KVA and 800KVA transformers, medium voltage cells, low and medium voltage cabling, low voltage panels, power balancer. Replacement of transformer and installation of a new 1.000KVA transformer, medium voltage cells, low and medium voltage cabling, low voltage panels.

THESSALONIKI STATE CONSERVATORY

Landmark building

Remodeling of a 600m² central hall

PROJECTS

Construction works

- Reconstruction of dressing rooms, foyer, dressing room lavatory (dismantlement, clay brick constructions, plaster works, painting, plaster boards), painting, reconstruction of plaster decorations, wooden constructions (bar, instrument display case), reconstruction of lavatories (marble works, marble benches, sanitation products, frames), maintenance of wooden surfaces (main doors, windows, peripheral counter), wooden floors, construction of a new central stage.

Electromechanical Works

- Reconstruction of lighting system (lighting- sockets- panels), heating-cooling system (central unit, fan coils, roof units).

TINFIL S.A. (PAINTING - FINISHING HOUSES)

AEGINIO - PIERIA

Engineering works

- Stainless steel constructions for waste removal, automatic fermentation system.

Electrical installations

Medium Voltage Substation 800KVA

- Outdoor medium voltage substation (kiosk) and connection to existing 1.000KVA substation, low and medium voltage cabling.

Electrical installation for movement and lighting

- Lighting, power supply cabling, low voltage electrical boards.

TITAN S.A. (CEMENT PLANT)

THESSALONIKI

Engineering works

- Modification standard Filterbau eight- compartment fabric filter with pulse set vibrators.

Iron constructions

- Loft with staircase, new air duct network.

Electrical works

- Various electrical works within the factory.

TOURNAVITIS INDUSTRIAL & COMMERCIAL S.A

KAVALA

➤ NEW FISHERY PROCESSION AND STORAGE PLANT

Refrigerator construction works

New fishery processing and storage plant

Area: 3.000m²

Cooling chamber area: 550m²

PROJECTS

Total cooling chamber volume: 2.090m³

Works took place on the existing reinforced concrete plant.

Construction works

- Protective walls, 50cm tall panels on the perimeter and interior of the building made of lightly reinforced concrete, stucco and resin coating. Thermal insulation panels (production building- cooling chambers). Industrial floor (antifungal- sanitary curves, self- leveling resin 5mm thick, polyurethane resin). Entrance ramps on the ground floor and storey, elevator shaft. Full installation of a three-stop hydraulic lift with a lifting capacity of 2.500kgr. Construction of a 250m² metal loft, metal construction to cover entrances. Construction of ground floor and storey entrances over 100m². Industrial splitting entrance doors with doubly reinforced steel sheets, metal doors for auxiliary area entrances. Gangways on ground floor and storey entrances. Automatic ramps with a lifting capacity of 5 tones on the ground floor and storey entrances.

Industrial cooling- ventilation system for production areas

Cooling room

- Seven (7) compressors (with corresponding control panels), Freon oil containers, water-cooled condenser, piping networks, insulation.

Cooling chambers

- Eleven (11) air coolers, piping networks, insulation.

Air-conditioning

- Textile air duct network (1.000m²), piping network and insulation.

Electronic control

- Development of automation for controlling the cooling-air-conditioning system. Cooling-air-conditioning control panel with application of PLC, controller for operation parallel to that of the central panel, connection between them. Unit control system using a PC and special SCADA software for depicting facility and incoming data (temperature recordings, machinery and sensor operation status, malfunction announcement and recording, alarm and telephonic commands).

Electrical works on cooling system

- Piping, grates and cabling for the cooling room and air coolers.

Installation of an ice machine

- Compressor with control panel, condensers, piping network, insulations, electronic control via PLC and SCADA software.

Electrical works

Medium Voltage Substation 400KVA

- Transformer, medium voltage cells, power balancer, low and medium voltage panels, low and medium voltage cabling and substation ventilation.

Electrical installations for transport and factory lighting

- Lighting fixtures, power supply cabling, electrical panels

Generator set 200KVA

- Fully automated generator set with all parts, exhaust, oil tank, switch power panel with remote control motor for automatic transfer between Public Power Corporation (DEI) and the generator set, electrical installation of generator set – transfer set, grounding triangle

PROJECTS

Lightning rod

➤ 100M² AUXILIARY FACILITY BUILDING

Earthworks, reinforced concrete works, metal frames, clay brick constructions, plaster works, painting, compressor area modification, compressor support bases.

TORONI S.A. (TOURISM ENTERPRISES)

THESSALONIKI

Medium Voltage Substation 400KVA

Transformer, medium voltage cells, low and medium voltage panels, low and medium voltage cabling, installation of power consumption meters.

VIAMUL S.A. (STARCH AND STARCH SUGAR PLANT)

THESSALONIKI

Machinist works

Sack conveyor belt and spiral sack coulisse, assembly of a new pallet-making machine.

VILLAGE CINEMAS

THESSALONIKI

➤ MOVIE STORE IN THE MEDITERRANEAN COSMOS SHOPPING MALL

Store area: 230 m²

Store construction

Construction works

- Demolition and removal of existing buildings inside the store, dismantling plumbing and sanitation facilities, construction of plaster board dividing walls, lining with plasterboard, false ceiling, flooring with ceramic tiles, raised flooring, ceramic tiles, new shop window, folding glass partition, metallic ladder, carpentry, paintings inside and outside the shop, new sanitary products, duct modification of air – conditioning system, outdoor neon sign.

Electromechanical works

- Electrical installations, lighting, new main lighting switchboard and electric sockets, voice-data, strong currents network conversions, ramp for disabled people.

VIOSYP S.A. (PAPER PROCESSING FACTORY)

THESSALONIKI

Fire-extinguishing network

Motor complex (50HP AC motor, 60HP diesel motor), fire-extinguishing network.

PROJECTS

VITEMA S.A. (PET FOOD FACTORY)

INDUSTRIAL AREA OF THESSALONIKI

Boiler room

- 12.000kgr boiler, softeners, condensate tank, steam collectors, automations, steam barriers, steam traps, safety installations, piping networks, network- tank insulation.

Fire extinguishing system

- Motor complex (50HP AC motor, 60HP diesel motor), fire-extinguishing network.

Piping networks

- Steam, condensations, compressed air, potassium carbonate with steam and piping insulations.

Steam, condensate, compressed air, potash steam piping system and network insulation.

Iron constructions

- Machine bases, network supports and various metal constructions.

WHITE MINERALS

LEFKARA - KOZANI

Construction of an iron and metal sheet partition, ramp construction, insulation and maintenance works on the roof, glass panes, automatic doors. Additional interior and exterior lighting, special alarm system with radar.

Y.M.C.A.

THESSALONIKI

Construction of a one-storey buliding for cultural activities

Bulding area: 1000m²

Construction works:

- Earthworks (excavations, foundation improvements, embankments) concrete and rebar, exterior partitions perforated bricks, plasterboard interior partitions, exterior construction thermal insulation, industrial flooring, wood floorings, KOURASANIT mortars, plasterboard, wood and absorptive ceilings, FUNDERMACH type prefabricated partitions, exterior aluminum doors, interior wooden doors, wrought iron and glazed, various metal railings and steel and stainless steel fabrications, furniture and wood coatings, waterproofing and insulations, pool construction, interior and exterior paintings, landscaping

Electromechanical works:

- Complete electrical installations of weak and strong currents, internal and external lighting, fire detection and extinguishing systems, air conditioning, ventilation, fuel gas, alarm system, water supply, drainage, watering system, solar panels and pool electromechanical equipment.

PROJECTS

SUBSIDIARIES PROJECTS

EKO SERBIA AD

SERBIA

➤ **NOVI SAD GAS STATION**

Gas station: 120m²

Surrounding area: 2.135m²

Construction works

Dismantlement, floors, false ceilings, electrical installations, air-conditioning), etalbond.

Surrounding area

Industrial floor, asphalt paving, hub, sewage drainage gullies, support walls, pavements, peripheral lighting, covered construction covers, special installations, volumetric analysis of tanks, hydraulic testing of tanks, installation of special tank covers, installation – connection of pumps, plumbing – electrical pump installation network.

➤ **LESCOVAC GAS STATION**

Surrounding area: 3.000m²

Gas station: 120m²

➤ **PANCEVO GAS STATION**

Surrounding area: 1.630m²

Gas station: 570m²

➤ **PROKUPLJE GAS STATION**

Surrounding area: 1.800m²

Gas station: 120m²

➤ **VRCIN GAS STATION**

Surrounding area: 7.000m²

Gas station: 600m²

Construction works

Earth works, concrete reinforced works, masonry works, joinery works, steel construction and iron works, metal sheet works, insulation works, ceramic works, painting and decoration works

Electromechanical Works

Electrical installations NN, telephone installation, PA system installation, lighting conductor installation, exterior lighting, gas station equipment and installation, fire equipment, compressed air installation, construction works, ventilation and air conditioning equipment, heating equipment, preliminary works, ground works, concrete and iron works, installation works.

➤ **VRANJE GAS STATION**

Surrounding area: 5.500m²

Buildings: 550m²

Supporting wall 103m³

Embankment 17.000m³

Sales facility building in a total area of 282m² (Ground floor)

Overhead cover 648m²

Car wash station 152m²

Self service 62m²

PROJECTS

Gas station 25m²
Surrounding area: 5000m²

Construction works

- Earthworks, reinforced concrete supporting wall with 530 m³ concrete (height from 2,25m to 10,5m), external brick-walls, cladding with 50mm thickness Styrodur, plastering with ready mixed mortar, hydro insulations, flooring with granite tiles, interior plasterboard walls and false (gypsum board) ceilings, Aluminum window frames and automatic sensor doors, paintings, visible and closed wooden roofs cladding with Matakino Uno Tech, external aluminum pergola, overhead cover (35.000 kg) with polycarbonate plates and trapezoid sheet metal plates, and decorative façade colors, sheet metal works, iron fence.

Electromechanical works

- Electrical installations, interior and external lighting, water supply network, sewerage installations, basic toilette equipment, fire hydrants network, complete earth and construction works for LPG and fuel tank installation, air compressed installation.

EUROPEAN PERSPECTIVE

VRANJE – SERBIA

➤ BUILDING OF REFUGEES APARTMENTS

Block of flats: 1.000m²

It includes 20 completely manufactured apartments.

G+3 floors building for refugees in a total area of 1.000m² (Ground floor and 3 floors 250 m²); 20 apartments (10 from 35m², and 10 from 40m²)
Surrounding area: 500 m²

Construction works

- Earthworks, reinforced concrete frame, external brick-walls, cladding with 50mm thickness Styrodur, plastering with ready mixed mortar, hydro-insulations, flooring with ceramic tiles, and parquet, interior plasterboard walls and ceilings, PVC window frames and wooden doors, paintings, visible and closed wooden roofs cladding with shard, entrance pergola with polycarbonate plates, and decorative façade colors, sheet metalwork, iron fence, basic kitchen cabinets.

Electromechanical works

- Electrical installations, lighting, water supply network, sewerage installations, building and surrounding area lighting, basic toilette equipment.

PROJECTS

McDONALD'S

NOVI SAD-SERBIA

- **125m2 Fast Food restaurant in shopping center BIG CEE, Novi Sad Serbia**

Steel Construction

- Steel construction for loft, pedestal for AHU unit, sub-frame for ducts and tray installation, sub-frame for false ceiling, steel counter construction

Construction works

- Floors (granite tiles, PVC floor coating), wall coverings (tiles, wooden covering) gypsum plaster walls, plastering, false ceiling (type Armstrong 60x60, 60x120, metal sheet boards 60x60), doors, sanitary equipment, furniture, wall covering with aluminum sheets.

Electromechanical works

- Water supply and sewage installation, AHU and duct installation, Hot Air exhaust system, electrical installations, lights, Main Distribution Board installation (type Mangelberger), UPS installation.

MEGASTORES ELECTRONICA d.o.o.

SERBIA

- **BELGRADE STORE**
Surrounding area: 250m²
Store: 3250m²

Internal Store Arrangement

Construction works

Floors with tiles, false ceilings, framed structures, iron constructions of dividing walls, brick-works of plaster board, wall and dome-roofed paintings, coatings of buttresses, roof insulations, heated roof sewages.

Surrounding area

Sidewalk paving sets.

Electromechanical Works

Electrical installations, lighting, water supply-sewerage system, air conditioning, lighting of the surrounding area, fire extinguishing network, fire detect system, installation of air-conditioning, installation of satellite and conventional systems of TV networks TEL-DATA, alarm, Access Control.

- **NOVI SAD STORE**
Store: 1.800m²

Internal store arrangement

Construction works

- Removal of all the old installations (floors, false ceiling, steel supports of old shelves, removal of old shelves, hand rails etc). New floor tiling, false ceiling, steel work supporting divid-

PROJECTS

ing walls, dry walling, shaft for the new lift, reconstruction of staircase, replacement of glass barriers and hand rails at the staircase and the first floor, glass panes installation on the lift shaft, covering columns with plaster board, roof insulation etc.

Electromechanical works

- Electrical installation, distribution boards, new cabling, lighting, Data & Phone network, alarm satellite and conventional TV antenna, access control, fire detection, public address system, installation of air-conditioning system, water supply and drainage system and fire suppression piping and hydrants.
- For the power supply of the shop we installed a new medium voltage substation which includes: one board medium voltage (4 panels), one board low voltage (3 panels), one transformer 400 KVA and one board for the cos. φ correction.

PROOPTIKI (ENTERTAINMENT COMPANY)

BELGRADE – SERBIA

Demolition works

Old shades, old closets, old lighting, switches and plugs, door clicks and glasses, old ceiling.

Installing works

New door glasses, door clicks, new Amstrong ceiling with matched under construction, new switches and plugs, new fluo lights, new SPLIT system (clime system), arrangement of the old cables and instigating in the plastic channels, Painting works, installation of shade, carpet, foil for the glass, massive steel door, PVC walls.

"SAJKASKA AE" (SUBSIDIARY OF HELLENIC SUGAR INDUSTRY)

ZABALJ – SERBIA

➤ DESIGN AND CONSTRUCTION OF A NEW STORAGE FACILITIE

Area: 555m²
Length: 50,5m
Width: 9m

Construction works

- The structure of the building was consisted of steel columns and steel truss for roof covering. Sandwich panels 6 cm thick with mineral wool were used for wall covering and 8 cm thick for roof covering. Construction of glass opening on the facade of the building at height of 4,5m for natural light. Installation of three roller shutter doors with dimensions 4.2*4.0 operated mechanically or manually.

STER CINEMAS

BELGRADE – SERBIA

➤ CONSTRUCTION OF A 6-HALL CINEMA COMPLEX AT DELTA SHOPPING MALL

Construction works

- Floors (synthetic granite, carpets, step lights), wall covers (synthetic granite, acoustic panels, special PLEXIGLAS constructions, plaster works), false ceilings (plaster boards, PLEXIGLAS

PROJECTS

constructions, acoustic plates), sanitation equipment, doors (sound-absorbing, fire-resistant), special constructions and furniture (metal constructions for tickets offices, espresso bar, corridors, screens, etc), MASKING construction, signs.

Electromechanical Works

- Sprinkler fire-suppression system, sewage, water supply, fire detection, air-conditioning – ventilation, hot and cold water piping, smoke extraction, electrical panels, UPS, generator, lighting fixtures, cabling, cable trays, Voice-Data network, CCTV, alarm, public address, sound system, BMS, TV monitors.

VOJVODJANSKA BANKA (MEMBER OF NBG GROUP)

NOVI SAD – SERBIA

▪ INTERIOR WORKS AND INSTALLATIONS

Construction works

- Demolitions, installation of cementitious screed, false ceilings, gypsum board walls, aluminium glazed partitions, smoothing and painting of walls, wooden windows and ceilings, installation of new carpet (Rapid type)

Electromechanical Works

- Electrical Low voltage installations TEL-DATA, racks, air conditioning, installation of air-conditioning (split-system), new electric radiators

DELEGATION OF THE EUROPEAN UNION TO MONTENEGRO

MONTENEGRO

➤ REFURBISHMENT OF ADMINISTRATIVE BUILDINGS FOR FISHERY INSPECTORS

Reconstruction of Fishery Inspector's offices in the cities of Bar (94.50m²), Kotor (450m²) and Herceg Novi (28m²)

Construction works

- Floor covering –water insulation, vinyl floors, tiling works, parquet floors, gypsum partitions and ceilings, internal wooden joinery, facade wooden joinery, reparation of original wooden shutters, internal aluminium joinery, facade aluminium joinery, mortaring and painting of internal and facade walls and ceilings, sanitation products

EKO – JUGOPETROL AD KOTOR

MONTENEGRO

➤ BUDVA GAS STATION

- Surrounding area: 4.077m²
- Fuel pump sheds: 308,50m²
- Shop: 130m²
- Washing bay tunnel: 77,57m²

Construction of a liquid gas station

PROJECTS

Construction Works

- Excavations, landfill works, olive-mud collector, fuel tanks, reinforced concrete works, insulation works, earth works, aluminium frames, glass panes, flooring with tiles, paintings, metal and iron constructions, overlaps with panels, iron sheet ceiling, dry construction, Hunder-Duglas facing, sanitary products, signalling.

Surrounding Area

- Excavation works, landfill works with gravel and 3A, curbs, concrete road, asphalt paving, paving sett, fencing, connecting road to traffic.

Electromechanical Works

- Electrical installations, lighting, electrical panels, sewerage and water supply networks, automated systems, auxiliary equipment, lighting of surrounding and node area, fire extinguishing network, installation of air-conditioning, compressed air network, foundation grounding.

➤ **PODGORICA GAS STATION**

- Surrounding area: 2.670m²
- Fuel pump sheds: 320m²
- Shop: 130m²
- Washing bay tunnel: 90m²

Construction of a liquid gas station

Construction Works

- Excavations, landfill works, olive-mud collector, fuel tanks, reinforced concrete works, insulation works, earth works, aluminium frames, glass panes, flooring with tiles, paintings, metal and iron constructions, overlaps with panels, iron sheet ceiling, dry construction, Hunder-Duglas facing, sanitary products, signalling.

Surrounding Area

- Excavation works, landfill works with gravel and 3A, curbs, concrete road, asphalt paving, paving sett, fencing, connecting road to traffic.

Electromechanical Works

- Electrical installations, lighting, electrical panels, sewerage and water supply networks, automated systems, auxiliary equipment, lighting of surrounding and node area, fire extinguishing network, installation of air-conditioning, compressed air network, foundation grounding.

➤ **OCINICI - CETINJE GAS STATION**

- Area: 240m²

Canopy reconstruction

Construction works

- Building of armature-beton pillar, cutting asbestos covers and steel part of existing pillars and montage of steel metal covers for installing of steel structure and steel sub-construction, including painting; covering of the roof with sheet metal panels

Electrical Works

- Lighting network and boards, power supply and connection with sales building

PROJECTS

➤ **ROZAJE GAS STATION**

Area: 491m²
Shop: 106m²
Canopy: 385m²

Reconstruction works

Construction works

- Insulation works, brick works, flooring with tiles, paintings, gypsum works, metal and iron constructions and sub-construction, iron sheet ceiling, W&S installations and sanitary products; covering of the roof with sheet metal panels

➤ **PLJEVLJA GAS STATION**

Area: 217,5m²
Shop: 62,5m²
Canopy: 155m²

Reconstruction works

Construction works

- Roof insulation works, flooring with tiles, paintings, gypsum works, W&S installations and sanitary products; building of armature-beton foundations and steel pillars, cutting asbestos covers and steel part of existing pillars and montage of steel metal covers for installing of steel structure and steel sub-construction, including painting; covering of the roof with sheet metal panels

MUNICIPALITY OF NIKSIC

PODGORICA – MONTENEGRO

➤ **WORKS ON ADAPTATION OF THE CONSTRUCTION OF THE PUMP STATION DUKLO IN MUNICIPALITY OF NIKSIC**

Construction works

- Demolition works (carefully removed old steel doors and windows and sheet metal roof and all existing ceramic tiles). Roof covering with roof sandwich panels d=10cm; floors (ceramic tiles), wall reparations (filling of the old holes, plaster works, painting works) facade works, joinery works include changes of all doors and windows, sanitary equipment includes toilet and laboratory.

Electromechanical works

- Replace of complete existing low-voltage electromechanical installation and design and installation of the new one including the lights and distribution cabinets

STER CINEMAS

PODGORICA – MONTENEGRO

➤ **CONSTRUCTION OF A 6-HALL CINEMA COMPLEX AT DELTA SHOPPING MALL**

PROJECTS

Construction works

- Floors (synthetic granite, carpets, step lights), wall covers (synthetic granite, acoustic panels, special PLEXIGLAS constructions, plaster works), false ceilings (plaster boards, PLEXIGLAS constructions, acoustic plates), sanitation equipment, doors (sound-absorbing, fire-resistant), special constructions and furniture (metal constructions for tickets offices, espresso bar, corridors, screens, etc), vertical MASKING construction, signs.

Electromechanical Works

- Sprinkler fire-suppression system, sewage, water supply, fire detection, air-conditioning – ventilation, hot and cold water piping, smoke extraction, electrical panels, UPS, generator, lighting fixtures, cabling, cable trays, Voice-Data network, CCTV, alarm, public address, sound system, BMS, TV monitors.

UNITED NATIONS DEVELOPMENT PROGRAMME

PODGORICA – MONTENEGRO

➤ DESIGN AND INSTALLATION OF FENCE FOR UN “ECO BUILDING” IN PODGORICA

Construction works

- Excavation and building of concrete trace and supportive wall with montage of drainage system for atmospheric waters

Steel works

- Production and installation of the steel metal fence 300m length, 4 gates (main entrance, garage gate, gate for the delivery traffic and emergency gate)
Production and installation of the booth house (security system within it)

Electromechanical works

- Supplying of the automatic motors for the gates with automatic systems and installation of the high-voltage power system around the building

SPRIDER STORES S.A.

SKOPJE

➤ SKOPJE STORE

Shop: 1.700m²

Internal Store - Building Modification

Construction works

- Stair coverings, window panes, stair banisters in shop windows, false ceilings, construction of changing rooms, hanger system construction, wall-to-wall carpeting, doors, ETALBOND façade. Dismantling – removal works, walling, wall coatings, reinforced concrete works, insulation works, tile floors, marble floors, asphalt paving works, ordinary wooden doors, saloon doors, automatic entrance door, shop windows, panelling works, construction of changing rooms, stair well/case (iron construction with wooden floor), WC construction, ETALBOND, garden.

Electrical engineering works

- Two-stop lift, electrical installations, lighting, security system, telephone exchange, plumbing, structured wiring, fire fighting system, fire detecting system, alarm.