



## COMPANY REFERENCE LIST

### 1. DESIGNING, TECHNICAL CONTROL OF THE DESIGN DOCUMENTATION, SUPERVISION, ENGINEERING SERVICES

Facility / Project title	Activities/Project type	Year	Investor / Client	Contract No.
Study with proposed activities to increase the operational efficiency of storage and handling of LPG products	Elaboration of the design/technical documentation	In progres	NIS a.d.	NM_051600/UD-RA/009279 28.09.2020.
Harmonization of measuring points for measuring emissions of air pollutants at emitters in Oil Refinery Pančevo	Elaboration of the design/technical documentation and obtaining all the required permits and approvals	In progres	NIS a.d.	DWN105000/UD-RA/00650 22.01.2020
Furnace protection in case of gas leakage at plants in Oil Refinery Pančevo	Elaboration of the design/technical documentation	In progres	NIS a.d.	NM_051600/UD-RA/01748 18.02.2020.
Facility for temporary storage of waste in Zrenjanin	Elaboration of the design/technical documentation and obtaining all the required permits and approvals	In progres	NIS a.d.	NFS780000/UD-RA/00280 04.02.2020.
Replacement of 6kV power cables for power supply of TS Estara / TS Enova	Elaboration of the design/technical documentation and obtaining all the required permits and approvals	In progres	NIS a.d.	DWN115000/UD-RA/02773 06.04.2020
Replacement of 0.4 kV plant type T12 in Oil Refinery Pančevo	Elaboration of the design/technical documentation and obtaining all the required permits and approvals	2020	NIS a.d.	DWN115000/UD-RA/02773 12.03.2020
Integration of PLC 0.4 kV distribution plants (SWG) in Elektro DCS in RNP	Elaboration of the design/technical documentation and obtaining all the required permits and approvals	2020	NIS a.d.	DWN115000/UD-RA/09566 13.09.2019
Increasing the diameter of the overflow pipe FA-1000 towards a closed drainage system in the RNP	Elaboration of the design/technical documentation and obtaining all the required permits and approvals	2020	NIS a.d.	DWN111000/UD-RA/01155-1 03.02.2020.
Dosing of steam neutralizer on S-100 in RNP	Elaboration of the design/technical documentation and obtaining all the required permits and approvals	2020	NIS a.d.	DWN111000/UD-RA/01155-2 03.02.2020.
Reconstruction of pipeline 12 "-P-43-0040-07-01-B01G00A" in RNP	Elaboration of the design/technical documentation and obtaining all the required permits and approvals	2020	NIS a.d.	DWN111000/UD-RA/01155-3 03.02.2020.
Connection of circulation lines of tanks FB-25301 and FB-25304 in RNP	Elaboration of the design/technical documentation and obtaining all the required permits and approvals	2020	NIS a.d.	DWN111000/UD-RA/01155-4 03.02.2020.
Construction of a storage pool of mud (unit 10) in Novo Miloševo	Elaboration of the design/technical documentation	2019	NIS a.d.	NFS900000/UD-RA/06054 31.05.2019
Terminal for the storage of oil derivatives - Sremski Karlovci	Development of an environmental impact assessment Study	2019	Eling Plan d.o.o.	2554 of 23.10.2018.
Substations : Jermenovci (10/0,4 kV, 160 kVA), Janošik (10/0,4 kV, 60 kVA), Sirakovo (400 kVA), Kikinda (400 kVA), Kikinda (630 kVA), Kikinda (160 kVA), Mokrin (sever 50 kVA) (west 50 kVA), Turija (250 kVA), Turija (400 kVA),	Elaboration of the simplified mining design for the reconstruction	2019	NIS a.d.	UPS300000/UD-RA/13893 of 15.11.2018.



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ASTUP unit SLP in Oil Refinery Brod, Bosnia and Herzegovina	Elaboration of the design for the modernization	2019	SCAN Projkt d.o.o. Zagreb, HR	35/18 of 24.09.2018.
Replacement of the burners on process heaters BA-2101 and BA-2301	Elaboration of the design/technical documentation and obtaining all the required permits and approvals	2018	Turbomehanika / NIS a.d.	P2599 of 30.08.2018.
Expertise of the causes for the collapse of the canopy on SSG Novi Sad	Elaboration of the expertise	2018	NIS a.d.	PR0650000/UD-RA/09928 Of 17.08.2018.
Reconstruction and construction of the oil derivatives storages SND Novi Sad, SND Niš and SND Smederevo	Elaboration of the design/technical documentation and obtaining all the required permits and approvals	2019	NIS a.d.	NM_041000/UD-RA/12769 of 22.10.2018.
Oil field Velebit - Kanjiža	Elaboration of the design/technical and preparation of the Study on the performed measurements by the LRUT method	2018	NIS a.d.	UPS300000/UD-RA/08144 Of 03.07.2018.
Oil Refinery - Šid	Elaboration of control calculations of process equipment	2018	Victorija Oil	4500038723
Design of the tanks drainage system	Elaboration of the design / technical documentation for the drainage of 45 tanks into the existing system of oily process waters	2018	Oil Refinery Brod	181K/18 Of 30.05.2018.
Construction of the basin for the storage of drilling muds (8 and 9 cartidges) in Novo Miloševo	Elaboration of the Detail Design	2018	NIS a.d.	OFS280000/UD-RA/06614 Of 28.05.2018.
Reconstruction of the drive unit of the compressor GB-2601 in Oil Refinery Pančevo	Elaboration of the design/technical documentation and obtaining all the required permits and approvals	2018	NIS a.d.	9500086831 Of 25.04.2018.
Reconstruction of the drive unit of the compressor GB-2601 in Oil Refinery Pančevo	Elaboration of the design/technical documentation and obtaining all the required permits and approvals	2018	SIEMENS / NIS a.d.	9500086831 Of 25.04.2018.
Installation of the louvres on the channels after the FAN ½ for air regulation on the superheaters to the heater BA-2101	Elaboration of the design/technical documentation	2018	NIS a.d.	NM_051600/UD-RA/07417 of 13.06.2018.
Installation of the ventilators on the cooling tower	Elaboration of the design/technical documentation	2018	NIS a.d.	UPS300000/UD-RA/5538 Of 03.05.2018.
Repair of the storage supports in PITING Unit in Elemir	Elaboration of the design/technical documentation	2018	NIS a.d.	UPS300000/UD-RA/5538 Of 03.05.2018.
Development of refinery processing in Oil Refinery Pančevo – Construction of new units	Technical review of the plant, devices, equipment and executed works	2018	NIS a.d.	NM_080000/UD-RA/05818 Of 09.05.2018.
Repair of the piping between the lower MGO and upper MGO zone of the petrol storage Ledinci	Elaboration of the technical-economical analysis and design/technical documentation	2018	Transnafta a.d.	1980/1-2018 of 02.03.2018.



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Facility / Project title	Activities/Project type	Year	Investor / Client	Contract No.
Design for site arrangement for the accomodation of the contractors	Elaboration of the detail design	2018	NIS a.d.	PRE390000/UD-RA/01476 of 31.1.2018.
Design for the replacement of the low-alloy piping S-2200	Elaboration of the detail design and checking of the technical documentation by the Notified Body	2018	NIS a.d.	PRE390000/UD-RA/15047 of 21.12.2018.
Adaptation of the laboratory on NGP Velebit	Elaboration of the simplified mining design	2018	NIS a.d.	UPS300000/UD-RA/03304 Of 14.03.2018.
Installation of the blind valves on the storage tanks in manipulation	Elaboration of the Detail Design	2017	NIS a.d.	PRE 390000/UD-RA/12373 OF 25.10.2017
Detail design based on the assessment of the condition of the equipment, concrete and steel structures, oil sewage and piping on S-2550 LPG Merox	Elaboration of the Detail Design	2018	CB&I/NIS a.d.	172784-SC-EN-001.01 of 30.10.2017.
Feasibility Study for the reconstruction of the laboratory building with variant conceptual solution for the reconstruction of the unit for NIS Refinery Pančevo	Elaboration of the Feasibility Study and Conceptual Solution	2018	NIS a.d.	NM_051600/UD-RA/14215 of 04.12.2017.
Replacement of 6 kV supply cable for Substation TS N2	Elaboration of Preliminary Design and Design for Construction, Environmental impact assessment study and providing all required administrative documentation	2017	NIS a.d.	NM_041000/IZ-DO/011914 of 16.08.2017.
Adaptation of the pigging point on the oil pipeline Elemir – Novi Sad	Elaboration of Preliminary Design and Design for Construction, Environmental impact assessment study and providing all required administrative documentation	2017	NIS a.d.	UPS330000/UD-RA/08169 of 12.07.2017.
Design of reservoir for H2SO4 storage in Power unit Pančevo	Elaboration of Preliminary Design and Design for Construction, Environmental impact assessment study and providing all required administrative documentation	2017	NIS a.d.	NM_041000/IZ-DO/08483 of 05.06.2017.
Refurbishment of fire protection coating on steel construction at VRU at oil station and supporting columns of reservoirs	Elaboration of design documentation	2017	NIS a.d.	PRE390000/UD-RA/04637 of 18.04.2017.
Design of electrical installation of drilling rigs	Elaboration of design documentation (electro-energetic installations, installation of measurement and regulation, and Explosion Protection Document )	2017	Naftagas – Oilfield Services	NFS720000/UD-RA/00309 of 20.04.2017.
Rehabilitation of interconnection between secondary reformer 103-D and boiler 101-C at NH <sub>3</sub> plant III	Elaboration of design for construction	2017	HIP Azotara -Ammonia Plant Pančevo	2484
Construction of a canopy for oils and lubricants and construction of a canopy for spare part	Elaboration of Preliminar design, Design for Construction permit, Design for Construction, Main Design for Fire protection, and providing all required administrative documentation	2017	Naftagas – Technical Services	NM_051600/UD-RA/02065 of 20.02.2017.



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Facility / Project title	Activities/Project type	Year	Investor / Client	Contract No.
Reconstruction of substations: - STS Banatski dvor - STS Je-101 Jermenovci - LTS Lokve - STS SS-3 Kv 20/0,4 kV 160 kVA – S.Banat - STS KS-1 Mk Zapad 160 kVA – S.Banat - STS KS-2 Mk Zapad 250 kVA – S.Banat - STS KS-3 Mk Zapad 100 kVA – S.Banat MBTS SOS Mk Jug 2 x 630 kVA - S.Banat	Elaboration of design – technical documentation for the reconstruction of substations	2016	NIS a.d.	NM_041000/IZ-DO/017540 of 03.11.2016.
Construction of the weak nitric acid separator – condenser 3.1E-3.11	Elaboration of the Design for Construction (PZI)	2016	HIP Azotara	
Design of adaptation of line IV of the LDPE plant	Elaboration of the design – technical documentation and obtaining the all required permits and approvals (Feasibility study, Preliminary Design, Environmental impact assessment study, plan of preventive measures, Main Design of Fire protection system, Design for Construction Permit, As-Built Design, providing all required administrative and authority documentation and approvals)	2016/ 2017	HIP Petrohemija	1525/16 of 30.09.2016.
Development of refinery treatment	Assesment of the equipment conditions, concrete and steel structures, oily sewage and pipelines on the plant S-2550 LPG MEROX	2016	NIS a.d.	PRE300000/UD-RA/09616 of 25.08.2016.
Second phase of revitalization (membranisation) of the part on the boiler furnace OP-380b	Elaboration of Preliminary Design , Project for Construction and As-Build Design	2016	Power Plant Morava Svilajnac/ RAFAKO	121/2016 of 08.09.2016.
Design of the exploitation of alkylates heat from the bottom of the column DA-2601	Design for construction permit, Design for construction, As built design	2016	NIS a.d.	NM_051600/UD-RA/6685 23.06.2016.
Design of the superheater, connected piping of the intermediate heaters MP1-MP2 and ejection piping on block B2 – TENT B	Elaboration of the conceptual design, design for construction and as-built design	2016	Power Plant Nikola Tesla/ RAFAKO	2214 – 1 12.05.2016.
Adaptation of the instrument air system in the Power Unit Pancevo	Elaboration of the conceptual solution, Conceptual design, Design for construction permit, Design for construction, As built design, Environmental impact assessment study, providing all required administrative documentation, Equipment procurement and installation of the equipment with the providing of the operation permit.	2016	NIS a.d.	NM_041000/IZ-DO/006810 of 20.04.2016.



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Facility / Project title	Activities/Project type	Year	Investor / Client	Contract No.
Adaptation of the drainage system on S-0250 Construction of the closed drainage system in Oil Refinery Pančevo	Elaboration of the Design for construction and of the As-built design	2016	NIS a.d. MERA Zrenjanin	PRE400000/UD-RA/04139 of 18.04.2016.
Construction of a wind power plant	Elaboration of the impact study of the wind turbines in the protection zone of the product pipelines, technical control of the design.	2016	Wind Vision Vindfarm d.o.o.	19-2-1-2016 of 01.02.2016.
Adaptation of the natural gas heating system S-9900 i S-9950 and regulation of the natural gas flow on S-9900	Main Design, elaboration of the Environmental impact Assessment study and providing required administrative-technical documentation - approvals for the execution of works	2016	NIS a.d.	NM_041000/IZ-DO/000030 of 04.01.2016.
Installation of the cooling and ventilation system for the main process substations TS N1, TS N2 i TS C in Power Unit Pančevo	Main Design elaboration of the Environmental impact Assessment study, and providing required administrative-technical documentation - approvals for the execution of works	2015	NIS a.d.	NM_051600/UD-RA/13603 of 23.12.2015.
Construction of a small power plant SOS Majdan 2,41 MW and construction of the substation and connecting cable line	Technical control of the Main Design and supervision	2016	NIS a.d.	NM_051600/UD-RA/12687 of 09.12.2015.
Design of reconstruction and extension of the system for in line blending of motor petrol	Technical inspection of the facility, Unit, devices and equipment and executed civil works.	2015/ 2016	NIS a.d.	PRE390000/UD-RA/11151 of 28.10.2015.
Design of condensate collection from the steam line outside the main drive Unit into the closed system in the Power Unit - Pančevo	Main Design and elaboration of the Environmental impact Assessment study providing required administrative-technical documentation - approvals for the execution of works	2015	NIS a.d. GOŠA Montaža	
Replacement of the relay protection 6 kV in TS R-old unit, installation of a microprocessing protection device	Technical control	2015	NIS a.d.	ENR040000/UD-RA/10580 of 09.10.2015.
Design of walking lanes in Oil Refinery Pančevo	Main Design	2016	NIS a.d.	PRE390000/UD-RA/10057 of 24.09.2015.
Design of construction of a tank for polymer-bitumen	Technical inspection of the facility, Unit, devices and equipment and executed civil works.	2015	NIS a.d.	PRE390000/UD-RA/10003 of 20.09.2015.
Construction of the heavy gasoline storage (process oil) 100 m <sup>3</sup>	Elaboration of the Urban Development Plan for the construction of the tanks, Elaboration of the FF protection design Study on the hazardous areas and providing required approvals for the execution of works	2015	NIS a.d. GOŠA Montaža	Contract N° NM_041000/IZ-DO/01531 of 14.07.2015
Reconstruction of the FCC Unit – debottlenecking for the operation of the Unit with the capacity 1400 t/day and 1600 t/day in the summer period	Main Design, diagnostics, technical economical analysis and elaboration of the design for construction	2015	NIS a.d.	Contract N°r PRE300000/UD-RA/08188 of 28.07.2015.
Installation of the electric heating on the inlet of GA-2657 and GB-2301 in the Process Unit	Main Design	2015	NIS a.d.	Contract N° PRE390000/UD-RA/08101 of 23.07.2015.



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Facility / Project title	Activities/Project type	Year	Investor / Client	Contract No.
Revamp works on the main lift station on Avenue "A" in Refinery Pančevo block 17	Main Design, Technical control of the Main Design, and providing required administrative-technical documentation - approvals for the execution of works	2015	NIS a.d.	Ugovor PRE390000/UD-RA/07629 od 10.07.2015.
- ATD of the separator S50, vessels S-17 i S-18 and bundle DC-2601 - El. installations in the Refinery Pančevo laboratory - Revamp of the RC pump foundations of the V-tank in the oil blending hall in the Refinery Pančevo	Main Design	2015	Naftagas Technical Services	Contract N° THS700000/UD-RA/00854 of 20.07.2015.
Extension of the Terminal for storage and reloading of oil derivatives	Main Design	2015	Dunav Oil Team d.o.o.	Contract N° 515/2015 Of 06.07.2015.
Revamp works on the complete system of the closed sewage system in Oil Refinery Pančevo	Main Design, Technical control of the Main Design, survey of underground installations by CCTV and providing required administrative-technical documentation - approvals for the execution of works	2015	NIS a.d.	Contract N° PRE390000/UD-RA/07627 of 10.07.2015.
Installation and connection of the new boiler unit 75 t/h to process lines in the Refinery	Main Design	2015	Oil Refinery Brod	Contract N° 300 - 567/15 of 17.03.2015.
Piping lines, classification, record, control, inspection and testing of pressure equipment	As-Built design of the piping system (PIOC)	2015	NIS a.d. PED Inspect	Contract N° 150427-1-P011 06.05.2015.
Replacement and modernization of the 0,4 kV equipment (except for section 31) in substation P-20	Main Design	2015	Oil Refinery Brod	Contract N°146/2015/119K/14 of 20.04.2015.
Installation of heat exchanger "Packinox" on the Catalytic reforming Unit	Main Design, Plan of preventive measures, Technical control of the design, Environmental impact assessment study and engineering services on providing administrative-technical documentation - approvals for the execution of works	2016	NIS a.d.	Contract N° PRE390000/UD-RA/06841 of 19.06.2015.
Installation of strainers on the LPG loading station in Oil Refinery Pančevo	Technical control of the Main Design	2015	NIS a.d.	Contract N°. PRE390000/UD-RA/06250 of 08.06.2015.
Installation of mechanical sealers on the pumps S-2200	Main Design	2015	NIS a.d. Teh.servisi	1934
Petrol station for automotive road vehicles	Technical inspection of the facility	2015	Luka Dunav a.d. Pančevo	Contract N°. 01-167411 of 04.05.2015.
Reconstruction of the boiler unit 75 t/h to process lines in the Refinery	Elaboration of design documentation	2015	Oil Refinery Brod	Contract N° 300 - 567/15 of 17.03.2015.
Reconstruction of piping bundles and heat exchangers in the Ammonia III Unit - Reboiler CO2	Main Design	2015	HIP Azotara	Contract N°. 80402-32-80 of 27.02.2015.





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Replacement and modernization of the 0,4 kV equipment (except for section 31) in substation P-20	Elaboration of design documentation	2015	Oil Refinery Brod	Contract N°. 119K/14 of 13.03.2015
Ammonia tank revamp	Main Design	2014	HIP Azotara	Contract N°141001-80 of 09.12.2014.
Replacement of the LV Unit in substations TS- E2, TS-L, TS-F and TS-CCR	Technical control of the Main Design	2014	NIS a.d.	Contract N°ENR100000/UD-RA/11716 of 26.09.2014.
Replacement of the LV Unit distribution line of the substation „TS Uljara 1“	Main Design	2014	NIS a.d.	Contract N°NM_041000/UD-RA/10155 of 25.08.2014.
Piping bundle design DC-2601 and DC-2602	Main Design	2014	NIS a.d.	Contract °NM_041000/UD- RA/9031 of 25.07.2014.
Installation of frequency regulators and replacement of electrical motors on air coolers S-3600 in Oil Refinery Pančevo	Main Design and Technical control of the Main Design, Supervision and As-Built -Design	2014	NIS a.d.	Contract N°THS700000/UD-RA/01373 of 19.09.2014.
Reconstruction of the Dispatch Building in Oil Refinery Pančevo	Preliminary and Main design (mechanical, architectural- civil, water supply and sewage, electrical, fire fighting, automatic fire detection, Power Efficiency Study), technical control of the Main Design and obtaining administrative documentation for the issuance of the Construction Permit	2014	NIS a.d.	Contract N°PRE390000/UD-RA/08864 of 21.07.2014.
Replacement of pumps GA-2901/S, GA-2902/S i GA-2903/S – turnkey services	Main Design (mechanical, instrumentation, electrical and civil), execution of works on the pumps installation – designs (mechanical, instrumentation, electrical and civil)	2014	NIS a.d.	Contract N°PRE390000/UD- RA/6865 of 28.05.2014.
Fire fighting protection of the Block 6 steel structure - Oil Refinery Pančevo	Main Design (fire protection design, technological- mechanical and civil), Technical control of the Main Design, providing approval for the Main Design from the Ministry of Internal	2014	NIS a.d.	Contract N°PRE390000/UD-RA/04109 of 03.04.2014.
Replacement of thermal insulation on the water steam lines in Oil Refinery Pančevo	Main Design	2014	NIS a.d.	Contract N°PRE390000/UD-RA/04092 of 03.04.2014.
Installation of process analysers BA-2301 in Oil Refinery Pančevo	Main Design technological-mechanical	2014	Petroprocess / NIS a.d.	Contract N°2315-1728 of 07.02.14.
Replacement of the electrical motor by an energetically more efficient motor (Oil Refinery Pančevo)	Main Design (technological-mechanical, instrumentation, electrical and civil).	2013	Siemens / NIS a.d.	Contract N°10630/J of 10.10.13.
Adaptation of oil fuel lines for steam boilers - in Oil Refinery Novi Sad	Main Design (technological-mechanical, instrumentation, electrical).	2013	NIS a.d.	Contract N°PRE300000/UD-RA/16563 of 01.11.2013.



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Facility / Project title	Activities/Project type	Year	Investor / Client	Contract No.
Installation of sound barriers on the Hydrogen Generation Unit S-5000	Main architectural/civil Design	2013	BMR Group	Contract N°2301 of 16.10.13.
Installation of process analyzers on series S-500, S-550 and S-570 in Oil Refinery Pančevo	Main technological-mechanical Design	2013	Petroprocess / NIS a.d.	Contract N°2296 of 26.09.13.
Design of pump and steam turbine replacement by electrical motor on GA-2302 and GA-2305 (Oil Refinery Pančevo)	Main Design (technological-mechanical, instrumentation, electrical and civil), Technical control of the Main Design, Supervision and As-Built Design	2013	Siemens / NIS a.d.	Contract N°10608/J of 08.10.13.
Design of frequency regulators on the ventilators of the cooling tower EF-9132 (Oil Refinery Pančevo)	Main Design (technological-mechanical, instrumentation, electrical and civil), Technical control of the Main Design	2013	NIS a.d.	Contract N°NM_041000/UD-RA/15596 of 09.10.2013.
Design of the revamp works on the supports and reconstruction of the sampling station on the Hydrogen Generation Unit S-5000 (NIS Oil Refinery Pančevo)	Main Mechanical Design	2013	Heurtey Petrochem	Contract / PO N°2287
Reconstruction of the valve system on the smoke channel BF-2201 and connection to the control system (Oil Refinery Pančevo)	Main Design (technological-mechanical, instrumentation, electrical and civil), Technical control of the Main Design	2013	NIS a.d.	Contract N°PRE330000/UD-RA/12524 of 26.07.2013.
Replacement and relocation outside the Ex zone of the 0,4 kV MCC Unit in Block 5 (Oil Refinery Pančevo)	Conceptual Design with the feasibility study, EIA Study, Main Design (technological-mechanical, instrumentation, electrical and civil), Technical control of the Main Design, Supervision and As-Built Design and engineering services	2013	NIS a.d.	Contract N°PRE330000/UD-RA/13006 of 08.08.2013.
Passive fire fighting protection for the skirts of the columns and steel structure of Block 5 (Oil Refinery Pančevo)	Main Design (fire protection design, technological- mechanical and civil), Technical control of the Main Design, providing approval for the Main Design from the Ministry of Internal Affairs	2013	NIS a.d.	Contract N°PRE330000/UD-RA/12522 of 26.07.2013.
VRU Unit on the truck loading station of Oil Refinery Pančevo	Technical control of the Main Design (documentation in foreign language, supplier "ACKER KVARNER")	2013	NIS a.d.	Contract N°PRE330000/UD-RA/11703 of 09.07.2013.
Revitalization of the Unit for the recuperation of gasses from the flare S-1000 (Oil Refinery Pančevo)	Technical control / nostrification of the As-Built Design (technological-mechanical, instrumentation, electrical)	2013	NIS a.d.	Contract N°PRE330000/UD-RA/12054 of 16.07.2013.





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Replacement of pumps, installation of frequency regulators and replacement of the electrical motors on the centrifugal pump GA-2109	Main Design (technological-mechanical, instrumentation, electrical and civil), Technical control of the Main Design, Supervision and As-Built Design	2013	NIS a.d.	Contract N°PRE330000/UD-RA/11697 of 09.07.2013.
Modernization of the installations for bitumen load/offload on the railway and truck loading station, burning out of waste gasses from the storage tanks and installation of the radar gauges and temperature probes on the tanks (Oil Refinery Pančevo)	Conceptual Design with the feasibility study, EIA Study, Main Design, Technical control of the Main Design and engineering services on providing required approvals and permits	2013	NIS a.d.	Contract N°PRE330000/UD-RA/10451 of 14.06.2013.
Reconstruction of the batching system S-2600 during the stopped operation of the FCC in Oil Refinery Pančevo	Elaboration of the Main Design (technological-mechanical, instrumentation, electrical, civil, fire protection, EIA Study, Work Protection Study and Study on the protection against natural disasters), Technical Control of the Main Design and engineering services on providing required approvals and permits	2013	NIS a.d.	Contract N°PRE330000/UD- RA/9203
Replacement of the Main fire fighting line, from point "B" to Block 9 and from point S7 to the outlet of the FF pumps on the water source with the connection to the piping from the previous 2phases in Oil Refinery Pančevo	Main Design (technological-mechanical, instrumentation, electrical and civil), Technical Control of the Main Design, As Built Design and engineering services on providing required approvals and permits	2013	NIS a.d.	Contract N°NM_041530/UD- RA/5897 of 03.04.2013.
Facility legalization – Reconstruction of the facility and construction of new facilities for waste water processing in Oil Refinery Pančevo	Geodetic surveys and elaboration of geodetic documentation, Elaboration of As-Built Design, elaboration of the study on environmental impact of the as-built facility and engineering services on providing required approvals and permits	2012/ 2013	NIS a.d.	Contract N°N/32-26/22/1-435/KAP/N/P3 of 07.12.2012.
Facility legalization – Construction and reconstruction of PK4 in Oil Refinery Pančevo	Geodetic surveys and elaboration of geodetic documentation, Elaboration of As-Built Design, and engineering services on providing required approvals and permits	2012/ 2013	NIS a.d.	Contract N°N/32-26/22/1-435/KAP/N/P5 of 07.12.2012.
Facility legalization – Construction and reconstruction PS4 in Oil Refinery Pančevo	Geodetic surveys and elaboration of geodetic documentation, Elaboration of As-Built Design, and engineering services on providing required approvals and permits	2012/ 2013	NIS a.d.	Contract N°N/32-26/22/1-435/KAP/N/P5 of 07.12.2012.
Facility legalization - Reconstruction of the pump station and extension of the control building, Tanks FB-1501, FB-	Geodetic surveys and elaboration of geodetic documentation, Elaboration of As-Built Design and	2012/ 2013	NIS a.d.	Contract N°N/32-26/22/1-435/KAP/N/P5 of 07.12.2012.



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### 1. DESIGNING, TECHNICAL CONTROL OF THE DESIGN DOCUMENTATION, SUPERVISION, ENGINEERING SERVICES

Facility / Project title	Activities/Project type	Year	Investor / Client	Contract No.
1502, FB-1503, FB-1504 i FB-1505 in Oil Refinery Pančevo	engineering services on providing required approvals and permits			
Automatic system for the collection of data related to the measurement of vapor consumption on the Units of Oil Refinery a.d. Brod	Main Design (technological-mechanical, instrumentation)	2012	Oil Refinery Brod	Contract N°338/2012 of 04.07.2012.
Verification of the characteristics of the batch pumps for the MHC-DNT in Oil Refinery Pančevo	Design of pump characteristics verification	2012	NIS a.d.	Contract N°IV/32-24/22/1-1009/KAP/N of 14.06.2012.
Capacities for the storage of oil derivatives – Storage of main drive fuel for special purposes "Ledinci"	Techno-economical analysis for the development and putting into operation of the storage (elaboration of the schedule and program of required testing, techno- economical analysis and elaboration of technical documentation for the execution of works on the realization of the selected technical solution)	2012	Transnafta a.d.	Contract N°1964/2012 of 07.09.2012.
Modernization and erection of control-measuring devices and automated level measurement system on the storage tank facility in Oil Refinery a.d. Brod	Main Design (mechanical, electrical and instrumentation with 3D modeling), Technical control of the Main Design	2011/ 2012	Rafinerija a.d. Brod	Contract N°681 of 10.11.2011.
Pančevo Oil Refinery Modernization Project	Elaboration of control strength calculation and nostrification of pressure vessels	2011/ 2012	CB&I / NIS a.d.	Contract N°02163-2594
Pančevo Oil Refinery Modernization Project	Elaboration of control strength calculation and nostrification of pressure vessels	2011	Uralhimmach	Contract N°1448-421/11 of 12.12.2011.
Pančevo Oil Refinery Modernization Project	Elaboration of control strength calculation and nostrification of pressure vessels	2011/ 2012	Heurtey Petrochem s.a.	Contract N°EF09029-2207-00
Terminal for the storage and reloading of oil derivatives - Sremski Karlovci	Main Design (technological-mechanical, instrumentation, electrical and civil), Technical control of the Main Design	2012	Naftachem	Contract N°1/451-11 of 28.09.2011.
Adaptation of the stock follow up system and measuring of the parameters of the storage tanks - Oil Refinery Novi Sad	Technical control of the Main Mechanical Design	2011	NIS a.d.	Contract N°II-32-11-16/25/1-6124/KAP/N of 31.08.2011
Adaptation of the electronic ignition system on the process furnaces HF-101 and HF-901 in Oil Refinery Novi Sad	Technical control of the Main Design	2011	NIS a.d.	Contract N°II-32-16/25/1-5951/KAP/N of 22.08.2011
Process pressure equipment	Strength calculations of the heat exchangers and pressure vessels	2011	HIP Azotara Pančevo	Contract N°254 of 13.01.2011
Adaptation of the facilities within the condensing Unit of "GPO Energetics" in Oil Refinery Pančevo	Elaboration of the Main Civil Design, Technical control of the Main Design and construction and finishing works	2010	NIS a.d.	Contract N°05-1/25/1-2403/KAP/N of 23.12.2010.



## COMPANY REFERENCE LIST

### 1. DESIGNING, TECHNICAL CONTROL OF THE DESIGN DOCUMENTATION, SUPERVISION, ENGINEERING SERVICES

Facility / Project title	Activities/Project type	Year	Investor / Client	Contract No.
Pančevo Oil Refinery Modernization Project	Elaboration of the design-technical documentation on the workshop level	2012	GOŠA Montaža	Contract N°305/10 of 27.10.2010.
Pančevo Oil Refinery Modernization Project – Construction of the Hydrogen Generation Unit	Main Civil Design	2012	Heurtey Petrochem	Contract N°EF09029-2209
Underground LPG storage tanks.	Main Design	2012	FEROMONT	Contract N°1508 of 10.08.2012.
Reconstruction of the FCC Unit in Oil Refinery Pančevo	Technical control of the Main Design	2010	NIS a.d.	Contract N°05-1/25/1-1356/KAP/N of 20.08.2010
Closed drainage system of the flare and gas- meter vessels S-1000 in Oil Refinery Pančevo	Main Design (technological-mechanical, instrumentation, electrical and civil), Supervision services	2010	NIS a.d.	Contract N°05-1/22/1-738/KAP/N of 07.06.2010.
Reconstruction of the existing dosage system for the neutralization pit FA-2657	Main Design (technological-mechanical, instrumentation, electrical and civil), and equipment supply	2010	NIS a.d.	Contract N°1412/HP of 30.03.2010.
Reconstruction of the existing facility – Washing and lubricating service Unit for tank trucks in the Control-dispatch centre of Oil Refinery Pančevo	Main Design (technological-mechanical, instrumentation, electrical and civil), and acquiring all legal - administrative documents	2010	NIS a.d.	Contract N°II-B-84-580
Product pipeline system for petroleum products and terminals in Pančevo, Novi Sad and Smederevo	Preliminary design, Feasibility Study and Environmental Impact assesment study	2009	TRANSNAFTA	
Modernization of existing and construction of new refinery plants in order to achieve current European standards	Pre-feasibility study (concept of improvement and modernization of existing plants, concept of new process plants, variants of construction of new plants, investment assessment	2009	ZARUBEZNJEFT Bosanski Brod Oil Refinery	
Connection of the Diesel Hydrodesulfurization plant from the New production line 3 MM t / y with the Old production line 2 MM t / y	Main Design (technological-mechanical, instrumentation)	2009	ZARUBEZNJEFT Bosanski Brod Oil Refinery	
Connection of the Sulfur Production Plant from the New Production Line 3 MM t / y with the Old Production Line 2 MM t / y	Main Design (technological-mechanical, instrumentation)	2009	ZARUBEZNJEFT Bosanski Brod Oil Refinery	
Oil and gas fields, oil terminals (in Libya)	Design of reconstruction and modernization of plants, preparation of as-built documentation (technical assistance in Libya). As part of the reconstruction and modernization project, 0.4 kV distribution, 24V DC and 110V DC distribution voltage distribution plant was also designed.	2005/2008	TEKNICA UK LTD London	Contract AGO-5-P315



## COMPANY REFERENCE LIST

### 1. DESIGNING, TECHNICAL CONTROL OF THE DESIGN DOCUMENTATION, SUPERVISION, ENGINEERING SERVICES

Facility / Project title	Activities/Project type	Year	Investor / Client	Contract No.
Adaptations of the water cooling system from the desalter with S-100 and S-2100	Main Design (technological-mechanical, instrumentation, electrical and civil)	2008	NIS-RNP	
Reconstruction of the drainage system in the Bitumen S-0250 plant	Main Design (technological-mechanical, instrumentation, electrical and civil)	2007	NIS-RNP	
Aroma storage tanks FB-1101, FB-1103, FB-1106, FB-3601 and FB-3602 with associated piping installations	Technological-mechanical project of the As-Built design	2006	NIS-RNP	
PIDECO Iran - Package LPG treatment plant	Main Design (mechanical, instrumentation, electrical and civil)	2005/ 2006	SPG Nemačka	
Existing AEG steam turbine 17.6 MW in the Ammonia plant	Specification, procurement, delivery, installation and commissioning of the reconstructed turbine (new rotor of a different model, new stator blades, manufacturer: NEVSKIJ ZAVOD, St. Petersburg)	2004	Nitrogen fertilizer factory ASMIDAL, Arzew, Algeria	
BABCOCK & WILCOX boilers 3 x 50 t / h steam	Main design of replacing the pneumatic automatic control system with digital system	2003	HIP - AZOTARA Pančevo	
Construction of a new TONWEI refinery capacity 10 million t / y (11 process plants, energy and off-site installations)	Feasibility study and General project for the construction of a new Refinery within the conceptual project were elaborated details of the 0.4 kV distribution, as well as the uninterruptible power supply system	2006	Tonwei Investment , Port Harcourt , Nigerija	
Rehabilitation of air conditioning installation at the KAN plant	Main Design (technological-mechanical, instrumentation, electrical and civil)	2005	HIP - AZOTARA Pančevo	

## COMPANY REFERENCE LIST

### 2. SUPERVISION OVER THE CONSTRUCTION OF FACILITIES

Facility / Project title	Activities/Project type	Year	Investor / Client	Contract No.
Main (interconnector) gas pipeline from the Bulgarian to the Hungarian border, on the territory of the Republic of Serbia	Supervision of mechanical, electrical, civil, welding, works on site - annual contract	In progress	NIS a.d. Gastrans doo	THS-00000/UD-RA/00080 18.02.2020.
Construction of the Petrol station	Supervision of mechanical, electrical, instrumentation, civil, fire protection works on site - annual contract	In progress	NIS a.d. Sales and Distribution	DWN_105000/UD-RA/04743 22.04.2019.
Investment projects in Oil Refinery Pančevo	Supervision of mechanical, electrical, instrumentation, civil, welding, fire protection works on site - annual contract	In progress	NIS a.d. Refining	NM_041000/UD-RA/05957 29.05.2019.
Supervision services on investment projects in Oil Refinery Pančevo	Supervision services on facilities and works	2018	NIS a.d. Refining	NM-051600/UD-RA/01574 od 02.02.2018.
Supervision services on investment projects in Oil Refinery Pančevo	Supervision services on facilities and works	2018	NIS a.d. Refining	NM-051600/UD-RA/13123 od 09.11.2016.
Support to supervision of investment projects in Oil Refinery Pančevo	Supervision services on facilities and works	2017	NIS a.d. Refining	NM-051600/UD-RA/08904 od 31.07.2017.
Construction of the Petrol station	Supervision of mechanical, electrical, instrumentation, civil, fire protection works on site - annual contract	2017	NIS a.d. Sales and Distribution	NM_051600/UD-RA/06107 24.05.2017.
Reconstruction of the system for preheating of batch at the plant S-300	Supervision of mechanical and welding works on site	2016	NIS a.d. Refining	NM_051600/UD-RA/13123 09.11.2016.
Revamp works on the groups of Units 1 (S-300, 400, 500, 2100 i 2650) and Unit 2 (S-2600, 2300, 2500, 4700, 4300, 5000, 3600, MHC/DHT) of the Refining Unit in Oil Refinery Pančevo	Supervision of mechanical, and civil on site	2016	NIS a.d. Refining	NM_051600/UD-RA/10729 23.09.2016.
Construction of two tanks of 5000m <sup>3</sup> each, R5 and R6, with the corresponding bundwall and installations in Požega, Serbia	Supervision of mechanical, electrical, instrumentation, civil and welding works on site	2016	Republic Direction for commodity reserves.	338-369/2016-03 05.07.2016.
Construction of a small power plant SOS Majdan, 2,41MW, substation and connection line	Supervision of mechanical, electrical, instrumentation, and civil on site	2016	NIS a.d. Energy	NM_051600/UD- RA/12687 of 09.12.2015.
Construction of 10 kV connecting cable line from the location of construction of plants for CNG and SGS to TS 35/10 Kostolac 2 with equipping of water cell 10 kV in TS 35/10 kV Kostolac 2 and construction of substation 10 / 0.4 kV at the location of construction of plants for CNG and SGS	Supervision of mechanical, electrical, instrumentation, civil, hydro-civil and welding works with the coordinator for the execution of works.	2016	NIS a.d. Energy	NM_051600/UD-RA/1227 od 05.02.2016.
Designs of process systems and operation units maintenance	Supervision of mechanical works on site	2015	NIS – Technical services	THS700000/UD-RA/00048 16.01.2015.

## COMPANY REFERENCE LIST

### 2. SUPERVISION OVER THE CONSTRUCTION OF FACILITIES

Facility / Project title	Activities/Project type	Year	Investor / Client	Contract No.
Base Oils production in Oil Refinery Novi Sad	Supervision of mechanical, electrical, instrumentation, civil and welding works on site.	2014	NIS a.d. Refining	PRE300000/UD-RA/10372 28.08.2014.
Investment Projects – Refining Department during the plant overhaul	Supervision of mechanical, electrical, instrumentation, civil and welding works on site.	2014	NIS a.d. Refining	PRE390000/UD-RA/10322 27.08.2014.
Reconstruction of systems for the collection and burn out of liquids in the Unit for the preparation and transport of oil and gas	Supervision of mechanical, electrical, instrumentation, civil and welding works on site.	2013	NIS a.d. Exploration and Production	NM_041000/UD- RA/16626 of 04.11.2013.
URP reconstruction of the infrastructure on the SNGS Itebej	Supervision of mechanical, electrical, instrumentation, civil and welding works on site.	2013	NIS a.d. Exploration and Production	NM_041000/UD- RA/16137 of 23.10.2013.
URP reconstruction of the gas Unit on the NGP Velebit	Supervision of mechanical, electrical, instrumentation, civil and welding works on site.	2013	NIS a.d. Exploration and Production	Contract N° NM_041000/UD- RA/16137 of 23.10.2013.
URP replacement of the oil line section from the receiving refining locations up to the storage tanks on the US Tisa	Supervision of mechanical, electrical, instrumentation, civil and welding works on site.	2013	NIS a.d. Exploration and Production	Contract N° NM_041000/UD- RA/16137 of 23.10.2013.
Reconstruction of the tanks and technological oil transport systems in Oil Refinery Novi Sad	Supervision of mechanical, electrical, instrumentation, civil and welding works on site.	2013	NIS a.d. Exploration and Production	NM-041500/UD-RA/4923 of 25.03.13.
Design for the revamp of the storage tank R-29 and related infrastructure, oil derivatives storage Unit in Smederevo	Supervision of mechanical, electrical, instrumentation, civil and welding works on site.	2013	NIS a.d. Block Sales and Distribution	NM-041500/UD-RA/4923 of 25.03.13.
Construction of the Unit for the separation of CO2 from natural gas – Pilot Project - Construction of the amine Unit Gas Refinery Elemir	Supervision of mechanical, electrical, instrumentation, civil, hydro-civil and welding works with the coordinator for the execution of works.	2013	NIS a.d. Exploration and Production	NM_041530/UD- RA/12568 of 29.07.2013.
Replacement oil pipeline OZNA-1 Masomer - Boka	Supervision of mechanical, electrical, instrumentation, civil and welding works on site.	2013	NIS a.d. Exploration and Production	NM_041530/UD-RA/10644 of 18.06.2013.
Reconstruction of the Truck loading station in Oil Refinery Pančevo	Supervision of mechanical, electrical, instrumentation, civil and welding works on site.	2012	NIS a.d. Refining	05-1/22/1-1162/KAP/N of 19.04.2012.
Reconstruction and modernization of the Jetty in Oil Refinery Pančevo	Supervision of mechanical, electrical, instrumentation, civil and welding works on site.	2010/ 2013	NIS a.d. Refining	Contract N°32-11-16/22/1- 1113/KAP/N of 19.07.2010.
Pančevo Oil Refinery Modernization Project MHC / DHT Unit Construction and Commissioning	Supervision of mechanical, electrical, instrumentation, civil and welding works on site.	2011/ 2013	NIS a.d. / CB&I Czech Republic	02163-2593 of 23.06.2010.
Pančevo Oil Refinery Modernization Project Hydrogen Unit Construction and Commissioning	Supervision of mechanical (static and rotating equipment), electrical, instrumentation, HSE, Fire Fighting, civil (concrete and steel structures), on site.	2010/ 2013	NIS a.d. / Heurtey Petrochem France	09029/2207-00 of 29.06.2010.



## COMPANY REFERENCE LIST

### 3. TECHNICAL INSPECTION OF FACILITIES

Facility / Project title	Activities/Project type	Year	Investor / Client	Contract No.
Development of refinery processing in Oil Refinery Pančevo – NIS Gaspromnjeft (Delayed coking unit - DCU with auxiliary facilities and interconnecting units)	The Commission for technical inspection and verification of performed works and installed plants	In progress	NIS a.d. Gastrans d.o.o.	NM_080000/UD-RA/05818 09.05.2018.
Construction of three spherical tanks for storage of LPG (propylene, C4 mix) S-16800 in the Pančevo Oil Refinery	The Commission for technical inspection and verification of performed works and installed plants	2020.	NIS a.d. Refining	NM_080000/UD-RA/05818 09.05.2018.
Reconstruction of the plant - LPG Merox III S-2550 in the Pančevo Oil Refinery	The Commission for technical inspection and verification of performed works and installed plants	In progress	NIS a.d. Refining	NM_080000/UD-RA/05818 09.05.2018.
Reconstruction of MHC / DHT S-4300 plant in Pancevo Oil Refinery	The Commission for technical inspection and verification of performed works and installed plants	In progress	NIS a.d. Refining	NM_080000/UD-RA/05818 09.05.2018.
Reconstruction of the plant - SRU II S-4450 in the Pancevo Oil Refinery	The Commission for technical inspection and verification of performed works and installed plants	In progress	NIS a.d. Refining	NM_080000/UD-RA/05818 09.05.2018.
Reconstruction of existing facilities in manipulation and installation of new equipment in order to adjust the system for the deep processing plant in the Pancevo Oil Refinery	The Commission for technical inspection and verification of performed works and installed plants	In progress	NIS a.d. Refining	NM_080000/UD-RA/05818 09.05.2018.
Reconstruction of the FB-1109 tank in the Pancevo Oil Refinery	Technical inspection of the facility and executed works and first control of installations in explosion danger zones	In progress	NIS a.d. Refining	DWN105000/UD-RA/11752/2020 03.12.2020.
Reconstruction of the FB-0805 tank in the Pancevo Oil Refinery	Technical inspection of the facility and executed works and first control of installations in explosion danger zones	In progress	NIS a.d. Refining	DWN105000/UD-RA/11752/2020 03.12.2020.
Harmonization of the jet fuel system with the requirements of the JIG 153, Block 13, 16, 20 and 24 standards in the Pančevo Oil Refinery	Technical inspection of the facility and executed works and first control of installations in explosion danger zones	In progress	NIS a.d. Refining	DWN105000/UD-RA/11752/2020 03.12.2020.
Reconstruction of the FB-0807 tank in the Pancevo Oil Refinery	Technical inspection of the facility and executed works and first control of installations in explosion danger zones	In progress	NIS a.d. Refining	DWN105000/UD-RA/11752/2020 03.12.2020.
Reconstruction of the FB-2003 tank in the Pancevo Oil Refinery	Technical inspection of the facility and executed works and first control of installations in explosion danger zones	In progress	NIS a.d. Refining	DWN105000/UD-RA/11752/2020 03.12.2020.
Reconstruction of the railway filling station by installing loading arms for lower filling of aromas in the Pancevo Oil Refinery	Technical inspection of the facility and executed works and first control of installations in explosion danger zones	In progress	NIS a.d. Refining	DWN105000/UD-RA/11752/2020 03.12.2020.
Reconstruction of the FB-0711 and FB-0714 tanks in the Pancevo Oil Refinery	Technical inspection of the facility and executed works and first control of installations in explosion danger zones	In progress	NIS a.d. Refining	DWN105000/UD-RA/11752/2020 03.12.2020.
New energy corridor in the wider zone of the state road IA (Highway E-75), namely: Gas pipelines RG 04-11 and RG	Technical inspection of the facility	In progress	Srbijagas	18-11250 of 01.11.2018.



## COMPANY REFERENCE LIST

### 3. TECHNICAL INSPECTION OF FACILITIES

Facility / Project title	Activities/Project type	Year	Investor / Client	Contract No.
04-11 / II; Oil pipelines DN1 and DN2; NNS and ENS oil pipelines				
In-line blending of motor gasolines	Technical inspection of the facility, Unit, devices and equipment and executed works.	2016	NIS a.d. Refining	PRE390000/UD-RA/11151 28.10.2015.
The construction of a tank for polymer-bitumen	Technical inspection of the facility, Unit, devices and equipment and executed works.	2016	NIS a.d. Refining	PRE390000/UD-RA/10003 20.09.2015.
Petrol station for automotive road vehicles	Technical inspection of the facility	2015	Luka Dunav a.d. Pančevo	01-167411 of 04.05.2015.

Belgrade, 31.12.2020.



Director, Ivan Pavlović