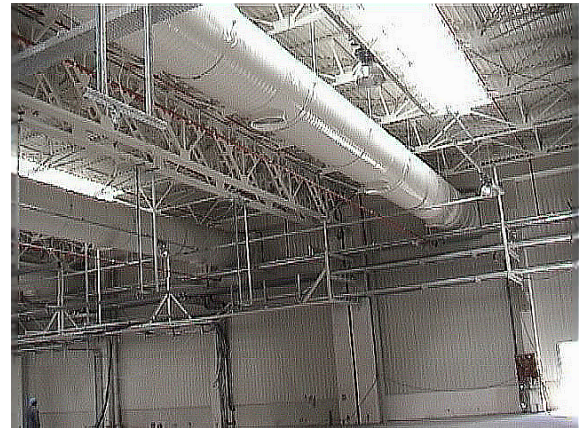
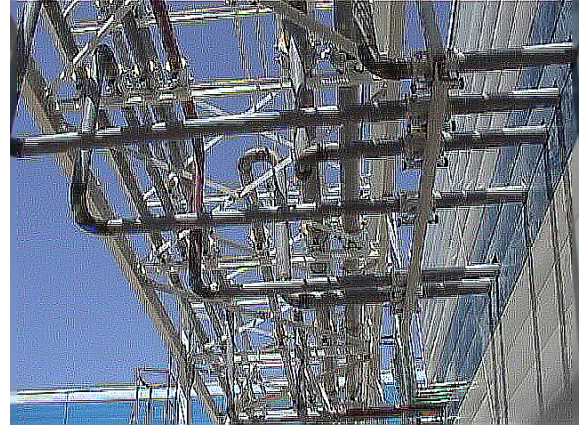
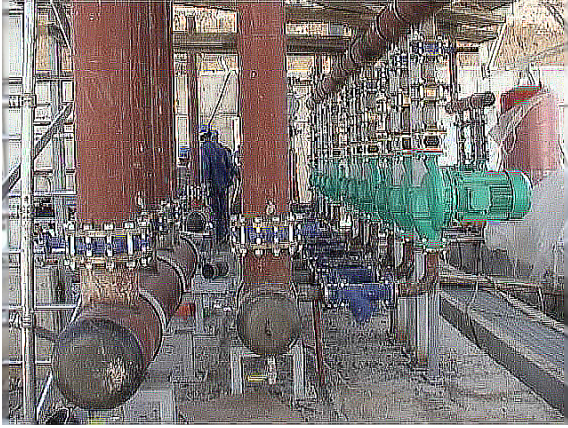




EKO ENGINEERING CO.



ENGINEERING & CONSULTANCY CO.



Mustafa Kemal Mah.
2133. Sokak No:2/9 PK. 06520
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2011

1/65



1. TABLE of CONTENTS:

1. TABLE of CONTENTS:	2
2. INTRODUCTION:	3
2.1 About Us:	3
2.2 Vision:	3
2.3 Mission:	3
2.4 Our Principles:	3
2.5 Contact Details:	4
3. SERVICE AREA:	5
3.1 Our Services:	5
3.2 Working Fields:	5
3.3 Corporate Memberships:	5
4. INFRASTRUCTURE:	6
4.1 Organisational Structure and Human Resources:	6
4.1.1 Organisation Structure:	6
4.1.2 Management Staff Credentials:	7
4.1.3 Software :	30
4.1.4 Hardware:	30
5. SOME REFERANCES:	31

2. INTRODUCTION:

2.1 About Us:

Eko Engineering has been serving about building mechanical project design since 1995. A great number of mechanical design and applications of industrial and commercial complexes had been successfully completed since 1995.

Our aim is to produce optimum mechanical engineering solutions in accordance with local and international standards. Eko Engineering, completed many projects successfully in Turkey, as well as in different countries of the World.

Eko Engineering, accepts that the most important investment is human resource investment, and serving to their customers via professional and dynamic team.

Our design team are well experienced on Turkish, SNIP, ASHRAE and NFPA standards. They have both theoretical and practical experience. Foreign and domestic seminars and fairs are followed and these innovations are reflected to our projects in short periods.

2.2 Vision:

Serves efficient, optimum, right engineering solutions to their customers at first time, in accordance with national international standards, energy efficiency principles, and customer requirements.

2.3 Mission:

Ensure customer satisfaction, via following the engineering developments and training personals about these, keeping design infrastructure at international level.

2.4 Our Principles:

- Finalize received projects necessarily, To meet customer requirements accurately, at the defined time,
- Establish relationships with our customers in the principles of mutual benefit, To minimize potential problems, by working in harmony with other disciplines who takes part in project,
- Knowing, that the most important phenomenon of organisation is human resources; and give opportunity for individual developments,
- To follow the technological developments; and maintain its technological infrastructure at sector average level,
- To follow not only regional standards, but also international standards, so that meeting the customer requirements in international market.. The energy efficiency principles, environment and public interest are taken into consideration in jobs



EKO ENGINEERING CO.

2.5 Contact Details:

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	:	06520 ÇANKAYA / ANKARA - TURKEY
Phone	:	+90 312 219 58 10
Fax	:	+90 312 219 58 12
E-Mail	:	eko@ekomuhendislik.com
Web	:	www.ekomuhendislik.com
Contact Name	:	Ömer Faruk Eroğlu (Company Manager)

3. SERVICE AREA:

3.1 Our Services:

- Survey and Planning
- Preliminary Projects
- Detailed Engineering and Implementation Projects
- Cost analysis
- Technical specifications and tender documents preparation services.
- Supervision Services
- Engineering Consultancy Services
- Energy Productivity Projects

3.2 Working Fields:

- Heating, Ventilating, Air Conditioning and Refrigeration (HVAC&R)
- Plumping Systems
- Natural Gas Systems
- Industrial Process Systems (Vacuum, compressed air etc.)
- Superheated Water and Steam Systems
- Fire Fighting and Protection Systems (Active and passive means)
- Pressurised Gas Systems (Medical appliances)
- Energy Productivity Implementations.

3.3 Corporate Memberships:

- Turkish Society of HVAC and Sanitary Engineers (TTMD)
- Chamber of Mechanical Engineers
- American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)
- Society of Fire Protection Engineers (SFPE)
- National Fire Protection Association (NFPA)

4. INFRASTRUCTURE:

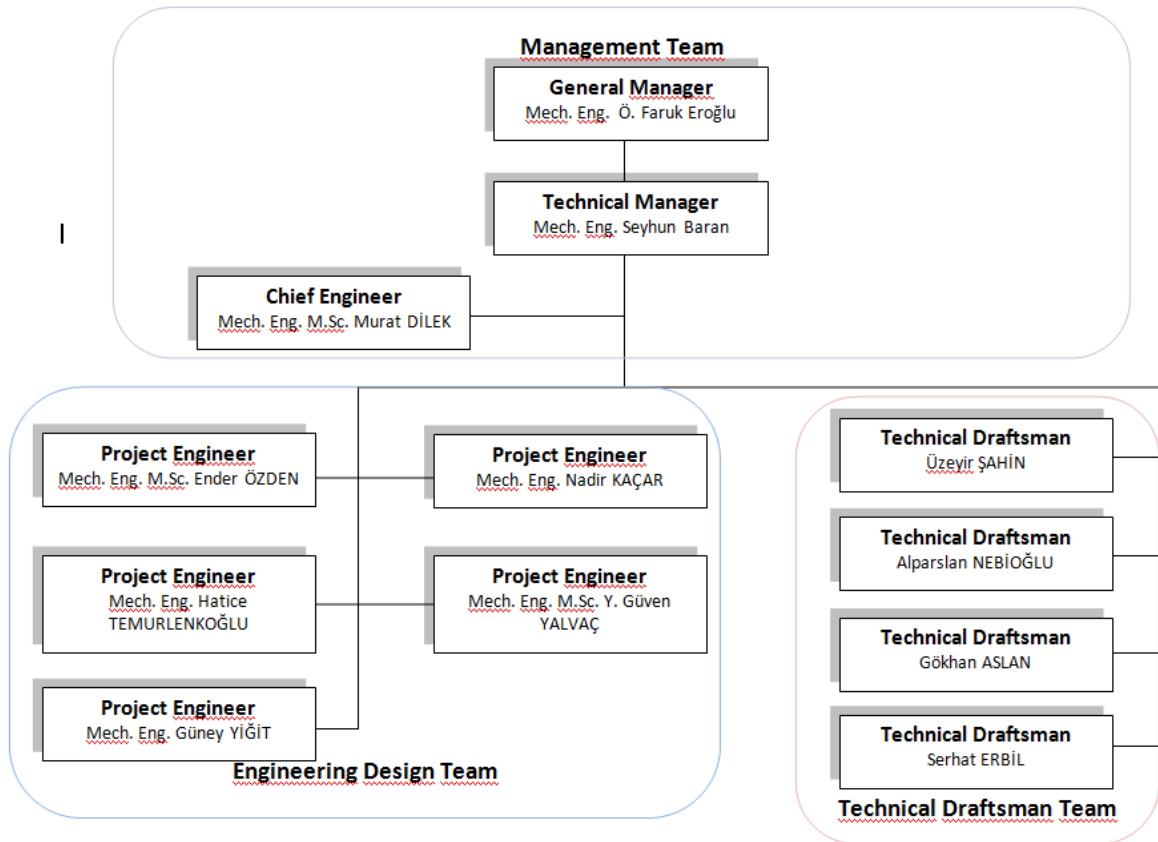
4.1 Organisational Structure and Human Resources:

4.1.1 Organisation Structure:


Total staff number may be differ according to variation of the work density. The key staff number is independent from number of ongoing projects and given as follow:

Number Of Staff	
Mechanical Engineer	8
Technical Draftsman	4
Administration Staff	1
Total	13

ORGANISATION CHART



**EKO ENGINEERING CO.****4.1.2 Management Staff Credentials:****4.1.3.1 Ömer Faruk Eroğlu:**

RESUMES OF KEY PERSONNEL PROPOSED FOR THIS PROJECT					
1. NAME Ömer Faruk EROĞLU		2. POSITION Company Manager		3. YEARS EXPERIENCE	
				a. TOTAL 24	b. WITH CURRENT FIRM OWNER
4. PROFESSION Mechanical Engineer, B.Sc.		5. ROLE IN THIS PROJECT Design Director / Mechanical		6. DATE OF BIRTH AND NATIONALITY	
				28.07.1965	Turkish Republic
7. FIRM NAME AND LOCATION EKO ENGINEERING COMPANY / ANKARA TURKIYE 					
8. ASSIGNMENTS - Design of HVAC , Plumbing & Fire Protection Systems in Industrial Plants (Tobacco Factories, Steel Factories, Paper mills, Tier Manufacturing & Factories, Automotive Factories) - Design of Administrative Buildings, Office Buildings - Design of Hospitals - Design of Airport Facilities - Design of Military Establishments - Design of Commercial Buildings					
9. QUALIFICATIONS Mr. EROĞLU is the company manager of the Eko Engineering Co. His main qualifications & responsibilities are; - Project Management with all aspects (task managing, organizing design works) - Administrative Management with all aspects - Well Experienced on HVAC Systems (Central water / air cooled chiller systems, Single package type split systems, CAV or VAV systems, Terminal Unit based air conditioning systems) - Experienced on Other Mechanical Systems (Compressed Air & Vacuum Systems, Intermediate level steam system knowledge)					
10. EDUCATION FIRAT UNIVERSTY, Department of Mechanical Engineering, B.Sc., 1987					
11. LANGUAGE Turkish, English		12. CURRENT PROFESSIONAL REGISTRATION Member of Mechanical Engineers Assoc. / Turkiye Member of Turkidh HVAC & Sanitary Engineers Member of ASHRAE Member of SFPE (Affiliate)			
13. PROJECTS COMPLETED SINCE 1998					
P031	(1) TITLE AND LOCATION USACE-FY-11 C-IED Task Force Compound, Bagram, Afghanistan		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES On going	CONTROL SERVICES -	
	(3) EMPLOYER US Army Corps of Engineers		(4) CONTRACTORS		
			PRIME CONTRACTOR KBR-SERKA CONSTRUCTION CO.	SUB-CONTRACTOR -	
5. BRIEF DESCRIPTION AND SPECIFIC ROLE		<input checked="" type="checkbox"/>	Check if project performed with current firm		

	Designer of Record. Design of Command and Control Building including Administrative Facilities, Secure Compartmented Information Facility (SCIF), Armory, Classroom and Warehouse. Supporting facilities include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, wet pipe sprinkler & standpipe systems.		
P030	(1) TITLE AND LOCATION AFCEE, Command & Control Facility, Utilities Infrastructure, and Gravel Roads, Camp Tombstone / Bastion, Afghanistan	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES On going	CONTROL SERVICES -
	(3) EMPLOYER AFCEE, Air Force Center for Engineering & the Environment	(4) CONTRACTORS	
		PRIME CONTRACTOR AMEC & YENİGÜN	SUB-CONTRACTOR -
	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of Command and Control Facility including Secure Compartmented Information Facility (SCIF). Supporting facilities include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, clean agent & potable fire extinguishing systems.		
P029	(1) TITLE AND LOCATION Living AccommodationS & Office Building For the Netherlands ForcesKunduz Airfield NAMSA Civil Works, Afghanistan	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES On going	CONTROL SERVICES -
	(3) EMPLOYER NAMSA, NATO Maintenance and Supply Agency	(4) CONTRACTORS	
		PRIME CONTRACTOR FEKA CONSTRUCTION CO.	SUB-CONTRACTOR -
	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of 3 accommodation buildings , one office building and one optional accommodation building include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, stand pipe fire protection system & potable fire extinguishers.		
P028	(1) TITLE AND LOCATION Construction of Five Hardened Accommodation Blocks ISAF HQ Kabul, Afghanistan	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES On going	CONTROL SERVICES -
	(3) EMPLOYER NAMSA, NATO Maintenance and Supply Agency	(4) CONTRACTORS	
		PRIME CONTRACTOR FEKA CONSTRUCTION CO.	SUB-CONTRACTOR -
	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of 5 accommodation buildings include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, stand pipe fire protection system & potable fire extinguishers.		
P027	(1) TITLE AND LOCATION Construction of Multiple Facilities & Infrastructure for the Task Force 3-10 Compound, Phase 1 / FOB Shank, Afghanistan	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES On going	CONTROL SERVICES -
	(3) EMPLOYER US Army Corps of Engineers	(4) CONTRACTORS	
		PRIME CONTRACTOR METAG CONSTRUCTION CO.	SUB-CONTRACTOR -

P026	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of Dining facility, Latrine, Medical Facility, Communication Facility, Kennel Facility & Vehicle Maintenance facility include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system & potable fire extinguishers.			
	(1) TITLE AND LOCATION The New Production Plant in Agean Free Zone / Izmir, Afghanistan	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES On going</td> <td>CONTROL SERVICES -</td> </tr> </table>	PROFESSIONAL SERVICES On going	CONTROL SERVICES -
	PROFESSIONAL SERVICES On going	CONTROL SERVICES -		
	(3) EMPLOYER DELPHI Automotive Systems	(4) CONTRACTORS <table border="1"> <tr> <td>PRIME CONTRACTOR NOT AWARDED YET.</td> <td>SUB-CONTRACTOR -</td> </tr> </table>	PRIME CONTRACTOR NOT AWARDED YET.	SUB-CONTRACTOR -
PRIME CONTRACTOR NOT AWARDED YET.	SUB-CONTRACTOR -			
5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of new prodction facility with all required utility buildings include all mechanical, plumbing & fire protection activities including HVAC, sanitary and wet pipe sprinkler & stand pipe fire protection systems in accordance with the client's needs & insurance requirements. (Main responsibility is fire system design.)				
P025	(1) TITLE AND LOCATION Mortuary Affairs PEB Camp Dwyer, Helmand Province Afghanistan	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES On going</td> <td>CONTROL SERVICES -</td> </tr> </table>	PROFESSIONAL SERVICES On going	CONTROL SERVICES -
	PROFESSIONAL SERVICES On going	CONTROL SERVICES -		
	(3) EMPLOYER THE UNITED STATES MARINE CORPS [USMC] DWYER REGIONAL CONTRACTING CENTER FPO AE 09373	(4) CONTRACTORS <table border="1"> <tr> <td>PRIME CONTRACTOR METAG & CEYTUN J.V.</td> <td>SUB-CONTRACTOR -</td> </tr> </table>	PRIME CONTRACTOR METAG & CEYTUN J.V.	SUB-CONTRACTOR -
	PRIME CONTRACTOR METAG & CEYTUN J.V.	SUB-CONTRACTOR -		
5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of Mortuary Affairs Building with all required utility buildings include all mechanical, plumbing activities including HVAC, sanitary systems.				
5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of Mortuary Affairs Building with all required utility buildings include all mechanical, plumbing activities including HVAC, sanitary systems.				
P024	(1) TITLE AND LOCATION YENI ELEKTRIK 850 MWe CCGT (Combined Cycle Gas Turbine) Kocaeli, Gebze Turkey	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES On going</td> <td>CONTROL SERVICES -</td> </tr> </table>	PROFESSIONAL SERVICES On going	CONTROL SERVICES -
	PROFESSIONAL SERVICES On going	CONTROL SERVICES -		
	(3) EMPLOYER YENI ELEKTRIK URETİM A.Ş.	(4) CONTRACTORS <table border="1"> <tr> <td>PRIME CONTRACTOR EKON CONSTRUCTION CO.</td> <td>SUB-CONTRACTOR -</td> </tr> </table>	PRIME CONTRACTOR EKON CONSTRUCTION CO.	SUB-CONTRACTOR -
	PRIME CONTRACTOR EKON CONSTRUCTION CO.	SUB-CONTRACTOR -		
5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of HVAC system shop drawings for all facility buildings (Administration building, warehouse, steam & gas turbine buildings, electrical buildings, water treatment building and etc.)				
5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of HVAC system shop drawings for all facility buildings (Administration building, warehouse, steam & gas turbine buildings, electrical buildings, water treatment building and etc.)				
P023	(1) TITLE AND LOCATION 5800 tpd Djebel Ressas Tunisia Cement Plant Project	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2011</td> <td>CONTROL SERVICES -</td> </tr> </table>	PROFESSIONAL SERVICES 2011	CONTROL SERVICES -
	PROFESSIONAL SERVICES 2011	CONTROL SERVICES -		
	(3) EMPLOYER Carthage Cement	(4) CONTRACTORS <table border="1"> <tr> <td>PRIME CONTRACTOR EKON CONSTRUCTION CO.</td> <td>SUB-CONTRACTOR -</td> </tr> </table>	PRIME CONTRACTOR EKON CONSTRUCTION CO.	SUB-CONTRACTOR -
	PRIME CONTRACTOR EKON CONSTRUCTION CO.	SUB-CONTRACTOR -		
5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of Dining facility, Latrine, Medical Facility, Communication Facility, Kennel Facility & Vehicle Maintenance facility include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system & potable fire extinguishers.				
5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of Dining facility, Latrine, Medical Facility, Communication Facility, Kennel Facility & Vehicle Maintenance facility include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system & potable fire extinguishers.				



EKO ENGINEERING CO.

P022	Designer of Record. Design of Administrative Facilities including Administration Building, Dining Facility , Control & Lab. Building include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, stand pipe & potable fire extinguishing systems.		
	(1) TITLE AND LOCATION Umraniye Maternity & Pediatrics Hospital Istanbul , Turkey	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2011	CONTROL SERVICES -
	(3) EMPLOYER Istanbul Project Coordination Unit. Istanbul Governorship Special Provincial Administration	(4) CONTRACTORS	
PRIME CONTRACTOR NOT AWARDED YET.		SUB-CONTRACTOR -	
5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of Hospital Building include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, wet & dry pipe sprinkler systems, stand pipe systems & potable fire extinguishing systems.			
P021	(1) TITLE AND LOCATION BRISA Tier Factory, 4th Extension Project Kocaeli, Turkey		(2) YEAR COMPLETED
			PROFESSIONAL SERVICES 2010
	(3) EMPLOYER BRISA		(4) CONTRACTORS
	PRIME CONTRACTOR NOT AWARDED YET.		SUB-CONTRACTOR -
5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of new production facility include all mechanical, plumbing & fire protection activities including HVAC, sanitary and wet pipe sprinkler & stand pipe fire protection systems in accordance with the client's needs & insurance requirements. (Main responsibility is fire system design.)			
P020	(1) TITLE AND LOCATION Construction of the Close Air Support (CAS) Apron Extension Intelligence, Surveillance & Reconnaissance (ISR) Apron, Expeditionary Fighter Shelters, & Aviation Operations & Maintenance Facilities at Camp Bastion AB, Afghanistan.		(2) YEAR COMPLETED
			PROFESSIONAL SERVICES 2010
	(3) EMPLOYER AFCEE, Air Force Center for Engineering & the Environment		(4) CONTRACTORS
	PRIME CONTRACTOR LAKESHORE ENG.SERVICES, USA		SUB-CONTRACTOR CONTRACT INTERNATIONAL INC., EGYPT
5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of Expeditionary Fighter Shelters & Aviation Operations & Maintenance Facilities include mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, wet pipe sprinkler systems & high expansion foam systems.			

P019	(1) TITLE AND LOCATION Camp Bastion Air Traffic Control Facility Project No:4982	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2010	CONTROL SERVICES -
	(3) EMPLOYER Works Contracts Office United Kingdom Works Group Loyal Engineers	(4) CONTRACTORS	
		PRIME CONTRACTOR FEKA CONSTRUCTION CO.	SUB-CONTRACTOR -
	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of New Air Traffic Control Tower include eechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system and potable fire extinguishing systems.		
P018	(1) TITLE AND LOCATION ISTANBUL ATATÜRK DORMITORY CAMPUS	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2010	CONTROL SERVICES -
	(3) EMPLOYER Istanbul Project Coordination Unit. Istanbul Governorship Special Provincial Administration	(4) CONTRACTORS	
		PRIME CONTRACTOR -	SUB-CONTRACTOR -
	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of 5 dormitory buildings with each of them is 18.000 m2 , central utility building and one social recreation building and one dining facility include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, wet pipe sprinkler & stand pipe fire protection systems.		
P017	(1) TITLE AND LOCATION GAMA GROUP HEADQUARTERS BUILDING	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2010	CONTROL SERVICES -
	(3) EMPLOYER Istanbul Project Coordination Unit. Istanbul Governorship Special Provincial Administration	(4) CONTRACTORS	
		PRIME CONTRACTOR GAMA GROUP (OWNER)	SUB-CONTRACTOR SETES ENGINEERING CO. (Mech. Sub-Contractor)
	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of headquarter building around 20.000 m2 for the client (Gama Group) include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, wet pipe sprinkler & stand pipe fire protection systems.		
P016	(1) TITLE AND LOCATION FIRE BRIGADE DEPARTMENT GROUP BUILDING, ESKİŞEHİR , TURKEY	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2010	CONTROL SERVICES -
	(3) EMPLOYER Eskişehir Fire Department	(4) CONTRACTORS	
		PRIME CONTRACTOR -	SUB-CONTRACTOR -

P015	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of fire department headquarters building include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system & stand pipe fire protection systems.	
	(1) TITLE AND LOCATION ALTAY Project, Elmadag / Ankara / Turkey	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2009
		CONTROL SERVICES -
	(3) EMPLOYER ROKETSAN (One of main establishments of Turkish Armed Forces Foundation)	(4) CONTRACTORS PRIME CONTRACTOR ATILLA CONSTRUCTION
P014	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of new research & development facility include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, wet pipe sprinkler, deluge & stand pipe fire protection systems.	
	(1) TITLE AND LOCATION Ammunition Surveillance Facility)Project (MIGYEM),Kırıkkale / Ankara / Turkey	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2009
		CONTROL SERVICES -
	(3) EMPLOYER Roketsan & Turkish Armed Forces	(4) CONTRACTORS PRIME CONTRACTOR NUR CONSTRUCTION
P013	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of new ammunition surveillance facility include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, wet pipe sprinkler, deluge & stand pipe fire protection systems.	
	(1) TITLE AND LOCATION Bagram Administrative Building	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2009
		CONTROL SERVICES -
	(3) EMPLOYER US Army Corps of Engineers	(4) CONTRACTORS PRIME CONTRACTOR YUKSEL CONSTRUCTION
P012	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of Adminisitrative Building including Administrative Facilities, Secure Compartmented Information Facility (SCIF) include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, wet pipe sprinkler & standpipe systems.	
	(1) TITLE AND LOCATION	(2) YEAR COMPLETED
		(2) YEAR COMPLETED



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	Combat Aviation Brigade Beddown Ali Air Base, Iraq	PROFESSIONAL SERVICES 2008-2009	CONTROL SERVICES -
	(3) EMPLOYER USACE, Corps of Engineers	(4) CONTRACTORS	
		PRIME CONTRACTOR KBR, USA	SUB-CONTRACTOR KULAK CONSTRUCTION CO. TURKIYE
	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Air traffic control tower, Fire pump house, Armed (228x428m), Unarmed (195x795m) helicopter apron and Airlift ramp (183x208m) and ISR ramp extension include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, wet pipe sprinkler & standpipe systems.		
P011	(1) TITLE AND LOCATION DFAC, Camp Delta, Iraq	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2008-2009	CONTROL SERVICES -
	(3) EMPLOYER USACE, Corps of Engineers	(4) CONTRACTORS	
		PRIME CONTRACTOR KBR, USA	SUB-CONTRACTOR KULAK CONSTRUCTION CO.
P010	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Structural Steel of 6000 m ² Dinning Facility building, 350 m ² Power plant, building, Water storage and Fuel tank II mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, wet pipe sprinkler & standpipe systems.		
	(1) TITLE AND LOCATION TAEK PROTON ACCELERATOR FACILITY	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2008-2009	CONTROL SERVICES -
	(3) EMPLOYER Turkish Atomic Energy Authority	(4) CONTRACTORS	
P009		PRIME CONTRACTOR YDA CONSTRUCTION	SUB-CONTRACTOR -
	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of medical research & development facility including Administrative Facilities, proton accelerator chamber facility include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, wet pipe sprinkler & standpipe systems.		
	(1) TITLE AND LOCATION Helo Maintenance Hangar	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2008-2009	CONTROL SERVICES -
P009	(3) EMPLOYER USACE, Corps of Engineers	(4) CONTRACTORS	
		PRIME CONTRACTOR KBR, USA	SUB-CONTRACTOR KULAK CONSTRUCTION CO.

P008	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of around 8000 m2 helicopter maintenance hangar include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, wet pipe sprinkler, high expansion foam & standpipe systems.			
	(1) TITLE AND LOCATION İPEK KAGIT MANİSA NEW CONVERTING PLANT PHASE 1 OUT OF 4 Manisa, Turkey		(2) YEAR COMPLETED	
			PROFESSIONAL SERVICES 2008-2009	CONTROL SERVICES -
	(3) EMPLOYER İPEK KAGIT / ECZACIBAŞI		(4) CONTRACTORS	
			PRIME CONTRACTOR -	SUB-CONTRACTOR GENTA CONSTRUCTION CO.
P007	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of new tissue paper production plant include all mechanical, plumbing (compressed air, vacuum) & fire protection activities including HVAC, sanitary and potable water system, wet & dry pipe sprinkler & standpipe systems.			
	(1) TITLE AND LOCATION Combat Aviation Brigade Beddown		(2) YEAR COMPLETED	
			PROFESSIONAL SERVICES 2008-2009	CONTROL SERVICES -
	(3) EMPLOYER USACE, Corps of Engineers		(4) CONTRACTORS	
			PRIME CONTRACTOR KBR, USA	SUB-CONTRACTOR KULAK CONSTRUCTION CO.
P006	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of Adminsitratve Building including Administrative Facilities, Secure Compartmented Information Facility (SCIF) include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, wet pipe sprinkler & standpipe systems.			
	(1) TITLE AND LOCATION Dry Storage Warehouse Baghdad, Iraq		(2) YEAR COMPLETED	
			PROFESSIONAL SERVICES 2008-2009	CONTROL SERVICES -
	(3) EMPLOYER USACE, Corps of Engineers		(4) CONTRACTORS	
			PRIME CONTRACTOR KULAK CONSTRUCTION CO.	SUB-CONTRACTOR -
5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of around 14.000 m2 warehouse include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, wet & dry pipe sprinkler & standpipe systems.				



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P005	(1) TITLE AND LOCATION Medevac Helicopter Apron and Hangars, Anaconda AB, Balad, Iraq		(2) YEAR COMPLETED	
			PROFESSIONAL SERVICES 2007-2008	CONTROL SERVICES -
	(3) EMPLOYER USACE, Corps of Engineers		(4) CONTRACTORS	
			PRIME CONTRACTOR KBR, USA	SUB-CONTRACTOR YUKSEL CONST. CO. TURKIYE
5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Helicopter Apron Layout, Jointing, Grading, Drainage, Marking, Utility Relocations, Structural Utility Bridging, T-wall and Bob-wall Layout for Force Protection, Floodlighting, Static Grounding, Tie-down and Edge Lighting Design, 2 Helicopter Maintenance Hangars Steel Design, Foundation Design, HVAC, Plumbing and Electrical Design and Drawings. Pavement Thickness Design. The project construction cost is approximately \$15 million.				
P004	(1) TITLE AND LOCATION Expeditionary Fabric Hangar and Apron Construction, Anaconda AB, Balad, Iraq		(2) YEAR COMPLETED	
			PROFESSIONAL SERVICES 2007-2008	CONTROL SERVICES -
	(3) EMPLOYER USACE, Corps of Engineers		(4) CONTRACTORS	
			PRIME CONTRACTOR KBR, USA	SUB-CONTRACTOR YUKSEL CONST. CO. TURKIYE
5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Helicopter Apron Layout, Jointing, Grading, Drainage, Marking, Utility Relocations, Structural Utility Bridging, T-wall and Bob-wall Layout for Force Protection, Floodlighting, Static Grounding, Tie-down and Edge Lighting Design, 2 Helicopter Maintenance Hangars Steel Design, Foundation Design, HVAC, Plumbing and Electrical Design and Drawings. Pavement Thickness Design. The project construction cost is approximately \$15 million.				
P003	(1) TITLE AND LOCATION Munition Disposal Facility Kırıkkale / Ankara / Turkey		(2) YEAR COMPLETED	
			PROFESSIONAL SERVICES 2006-2007	CONTROL SERVICES -
	(3) EMPLOYER ROKETSAN (One of main establishments of Turkish Armed Forces Foundation)		(4) CONTRACTORS	
			PRIME CONTRACTOR -	SUB-CONTRACTOR -
5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of new munition disposal facility with around 20 buildings include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, wet pipe sprinkler, deluge & stand pipe fire protection systems.				
P002	(1) TITLE AND LOCATION		(2) YEAR COMPLETED	

P001	EDUCATION & RECREATION FACILITIES		PROFESSIONAL SERVICES 2005	CONTROL SERVICES -
	(3) EMPLOYER CENTRAL BANK of THE REPUBLIC of TURKEY		(4) CONTRACTORS	
			PRIME CONTRACTOR -	SUB-CONTRACTOR -
	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm			
	Designer of Record. Design of around 30.000 m2 education & recreation facility with swimming pool, hotel and conference rooms include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, wet pipe sprinkler & stand pipe fire protection systems.			
P001	(1) TITLE AND LOCATION NEW PRODUCTION BUILDING Tire / İzmir / Turkey		(2) YEAR COMPLETED	
			PROFESSIONAL SERVICES 2005	CONTROL SERVICES -
	(3) EMPLOYER BRITISH AMERICAN TOBACCO (B.A.T.) TIRE FACILITIES		(4) CONTRACTORS	
			PRIME CONTRACTOR -	SUB-CONTRACTOR GENTA CONSTRUCTION CO.
	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm			
Designer of Record. Design of tobacco production plant extension include all mechanical, plumbing (compressed air, vacuum) & fire protection activities including HVAC, sanitary and potable water system, wet & dry pipe sprinkler & standpipe systems.				

**Society of Fire Protection Engineers**

7315 Wisconsin Ave., Suite 620E • Bethesda, MD • 20814

Phone: 301-718-2910 • Fax: 301-718-2242 • www.sfpe.org

Member Number

Expiration

Member Since

001670**March 2012****04/05/2011****Omer Faruk Eroglu**
Affiliate MemberAllan Freedman
Executive DirectorRobert Jönsson, FSFPE
President**American Society of Heating, Refrigerating
and Air-Conditioning Engineers, Inc.**

This is to certify that

Omer Eroglu
has been granted the grade of
Member**May, 2007**and is entitled to all the rights and
privileges as provided by the
Constitution and Bylaws of the Society
Secretary


President

Incorporated
New York 1895



EKO ENGINEERING CO.

4.1.3.2 Seyhun Baran:

RESUMES OF KEY PERSONNEL PROPOSED FOR THIS PROJECT			
1. NAME Seyhun BARAN	2. POSITION Technical Manager	3. YEARS EXPERIENCE	
		a. TOTAL 9	b. WITH CURRENT FIRM 6 (2 + 4)
4. PROFESSION Mechanical Engineer, B.Sc.	5. ROLE IN THIS PROJECT Ass. Design Director / Mechanical	6. DATE OF BIRTH AND NATIONALITY	
		15.02.1979	Turkish Republic
7. FIRM NAME AND LOCATION EKO ENGINEERING COMPANY / ANKARA TURKIYE 			
8. ASSIGNMENTS <ul style="list-style-type: none">- Design of HVAC , Plumbing & Fire Protection Systems in Industrial Plants (Tobacco Factories, Steel Factories, Paper mills, Tier Manufacturing & Factories, Automotive Factories)- Design of Administrative Buildings, Office Buildings- Design of Hospitals- Design of Airport Facilities- Design of Military Establishments- Design of Commercial Buildings			
9. QUALIFICATIONS <p>Mr. BARAN is the technical manager of the Eko Engineering Co. His main qualifications & responsibilities are;</p> <ul style="list-style-type: none">- Project Management with all aspects (task managing, organizing design works)- Experienced on Widely Used International Fire Protection Standards. (Advanced NFPA-National Fire Protection Association Knowledge)- Well Experienced on HVAC Systems (Central water / air cooled chiller systems, Single package type split systems, CAV or VAV systems, Terminal Unit based air conditioning systems)- Experienced on Other Mechanical Systems (Compressed Air & Vacuum Systems, Intermediate level steam system knowledge)			
10. EDUCATION Middle East Technical University, Department of Mechanical Engineering, B.Sc., 2002,			
11. LANGUAGE Turkish, English		12. CURRENT PROFESSIONAL REGISTRATION Member of Mechanical Engineers Assoc. / Turkiye Member of NFPA	
13. PROJECTS COMPLETED SINCE 1998			
P031	(1) TITLE AND LOCATION USACE-FY-11 C-IED Task Force Compound, Bagram, Afghanistan	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES On going	CONTROL SERVICES -
	(3) EMPLOYER US Army Corps of Engineers	(4) CONTRACTORS	
		PRIME CONTRACTOR KBR-SERKA CONSTRUCTION CO.	SUB-CONTRACTOR -
5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm			



EKO ENGINEERING CO.

	Designer of Record. Design of Command and Control Building including Administrative Facilities, Secure Compartmented Information Facility (SCIF), Armory, Classroom and Warehouse. Supporting facilities include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, wet pipe sprinkler & standpipe systems.		
P030	(1) TITLE AND LOCATION AFCEE, Command & Control Facility, Utilities Infrastructure, and Gravel Roads, Camp Tombstone / Bastion, Afghanistan		(2) YEAR COMPLETED
			PROFESSIONAL SERVICES On going
			CONTROL SERVICES -
	(3) EMPLOYER AFCEE, Air Force Center for Engineering & the Environment		(4) CONTRACTORS
			PRIME CONTRACTOR AMEC & YENİGÜN
			SUB-CONTRACTOR -
	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of Command and Control Facility including Secure Compartmented Information Facility (SCIF). Supporting facilities include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, clean agent & potable fire extinguishing systems.		
P029	(1) TITLE AND LOCATION Living AccomodationS & Office Building For the Netherlands ForcesKunduz Airfield NAMSA Civil Works, Afghanistan		(2) YEAR COMPLETED
			PROFESSIONAL SERVICES On going
			CONTROL SERVICES -
	(3) EMPLOYER NAMSA, NATO Maintenance and Supply Agency		(4) CONTRACTORS
			PRIME CONTRACTOR FEKA CONSTRUCTION CO.
			SUB-CONTRACTOR -
	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of 3 accomodation buildings , one office building and one optional accomodation building include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, stand pipe fire protection system & potable fire extinguishers.		
P028	(1) TITLE AND LOCATION Construction of Five Hardened Accomodation Blocks ISAF HQ Kabul, Afghanistan		(2) YEAR COMPLETED
			PROFESSIONAL SERVICES On going
			CONTROL SERVICES -
	(3) EMPLOYER NAMSA, NATO Maintenance and Supply Agency		(4) CONTRACTORS
			PRIME CONTRACTOR FEKA CONSTRUCTION CO.
			SUB-CONTRACTOR -
	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of 5 accomodation buildings include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, stand pipe fire protection system & potable fire extinguishers.		
P027	(1) TITLE AND LOCATION Construction of Multiple Facilities & Infrastructure for the Task Force 3-10 Compound, Phase 1 / FOB Shank, Afghanistan		(2) YEAR COMPLETED
			PROFESSIONAL SERVICES On going
			CONTROL SERVICES -
	(3) EMPLOYER US Army Corps of Engineers		(4) CONTRACTORS
			PRIME CONTRACTOR METAG CONSTRUCTION CO.
			SUB-CONTRACTOR -

P026	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of Dining facility, Latrine, Medical Facility, Communication Facility, Kennel Facility & Vehicle Maintenance facility include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system & potable fire extinguishers.		
	(1) TITLE AND LOCATION The New Production Plant in Agean Free Zone / Izmir, Afghanistan		(2) YEAR COMPLETED PROFESSIONAL SERVICES On going
	(3) EMPLOYER DELPHI Automotive Systems		(4) CONTRACTORS PRIME CONTRACTOR NOT AWARDED YET.
	(4) CONTRACTORS SUB-CONTRACTOR -		
P025	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of new production facility with all required utility buildings include all mechanical, plumbing & fire protection activities including HVAC, sanitary and wet pipe sprinkler & stand pipe fire protection systems in accordance with the client's needs & insurance requirements. (Main responsibility is fire system design.)		
	(1) TITLE AND LOCATION Mortuary Affairs PEB Camp Dwyer, Helmand Province Afghanistan		(2) YEAR COMPLETED PROFESSIONAL SERVICES On going
	(3) EMPLOYER THE UNITED STATES MARINE CORPS [USMC] DWYER REGIONAL CONTRACTING CENTER FPO AE 09373		(4) CONTRACTORS PRIME CONTRACTOR METAG & CEYTUN J.V.
	(4) CONTRACTORS SUB-CONTRACTOR -		
P024	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of Mortuary Affairs Building with all required utility buildings include all mechanical, plumbing activities including HVAC, sanitary systems.		
	(1) TITLE AND LOCATION YENI ELEKTRIK 850 MWe CCGT (Combined Cycle Gas Turbine) Kocaeli, Gebze Turkey		(2) YEAR COMPLETED PROFESSIONAL SERVICES On going
	(3) EMPLOYER YENI ELEKTRIK URETIM A.S.		(4) CONTRACTORS PRIME CONTRACTOR EKON CONSTRUCTION CO.
	(4) CONTRACTORS SUB-CONTRACTOR -		
P023	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of HVAC system shop drawings for all facility buildings (Administration building, warehouse, steam & gas turbine buildings, electrical buildings, water treatment building and etc.)		
	(1) TITLE AND LOCATION 5800 tpd Djebel Ressas Tunisia Cement Plant Project		(2) YEAR COMPLETED PROFESSIONAL SERVICES 2011
	(3) EMPLOYER Carthage Cement		(4) CONTRACTORS PRIME CONTRACTOR EKON CONSTRUCTION CO.
	(4) CONTRACTORS SUB-CONTRACTOR -		
5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm			



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P022	Designer of Record. Design of Administrative Facilities including Administration Building, Dining Facility , Control & Lab. Building include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, stand pipe & potable fire extinguishing systems.		
	(1) TITLE AND LOCATION Umraniye Maternity & Pediatrics Hospital Istanbul , Turkey	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2011	CONTROL SERVICES -
	(3) EMPLOYER Istanbul Project Coordination Unit. Istanbul Governorship Special Provincial Administration	(4) CONTRACTORS	
PRIME CONTRACTOR NOT AWARDED YET.		SUB-CONTRACTOR -	
5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of Hospital Building include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, wet & dry pipe sprinkler systems, stand pipe systems & potable fire extinguishing systems.			
P021	(1) TITLE AND LOCATION BRISA Tier Factory, 4th Extension Project Kocaeli, Turkey	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2010	CONTROL SERVICES -
	(3) EMPLOYER BRISA	(4) CONTRACTORS	
		PRIME CONTRACTOR NOT AWARDED YET.	SUB-CONTRACTOR -
5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of new production facility include all mechanical, plumbing & fire protection activities including HVAC, sanitary and wet pipe sprinkler & stand pipe fire protection systems in accordance with the client's needs & insurance requirements. (Main responsibility is fire system design.)			
P020	(1) TITLE AND LOCATION Construction of the Close Air Support (CAS) Apron Extension Intelligence, Surveillance & Reconnaissance (ISR) Apron, Expeditionary Fighter Shelters, & Aviation Operations & Maintenance Facilities at Camp Bastion AB, Afghanistan.	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2010	CONTROL SERVICES -
	(3) EMPLOYER AFCEE, Air Force Center for Engineering & the Environment	(4) CONTRACTORS	
		PRIME CONTRACTOR LAKESHORE ENG.SERVICES, USA	SUB-CONTRACTOR CONTRACT INTERNATIONAL INC., EGYPT
5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of Expeditionary Fighter Shelters & Aviation Operations & Maintenance Facilities include mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, wet pipe sprinkler systems & high expansion foam systems.			



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P019	(1) TITLE AND LOCATION Camp Bastion Air Traffic Control Facility Project No:4982	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2010	CONTROL SERVICES -
	(3) EMPLOYER Works Contracts Office United Kingdom Works Group Loyal Engineers	(4) CONTRACTORS	
		PRIME CONTRACTOR FEKA CONSTRUCTION CO.	SUB-CONTRACTOR -
	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of New Air Traffic Control Tower include eechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system and potable fire extinguishing systems.		
P018	(1) TITLE AND LOCATION ISTANBUL ATATÜRK DORMITORY CAMPUS	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2010	CONTROL SERVICES -
	(3) EMPLOYER Istanbul Project Coordination Unit. Istanbul Governorship Special Provincial Administration	(4) CONTRACTORS	
		PRIME CONTRACTOR -	SUB-CONTRACTOR -
	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of 5 dormitory buildings with each of them is 18.000 m2 , central utility building and one social recreation building and one dining facility include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, wet pipe sprinkler & stand pipe fire protection systems.		
P017	(1) TITLE AND LOCATION GAMA GROUP HEADQUARTERS BUILDING	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2010	CONTROL SERVICES -
	(3) EMPLOYER Istanbul Project Coordination Unit. Istanbul Governorship Special Provincial Administration	(4) CONTRACTORS	
		PRIME CONTRACTOR GAMA GROUP (OWNER)	SUB-CONTRACTOR SETES ENGINEERING CO. (Mech. Sub-Contractor)
	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of headquarter building around 20.000 m2 for the client (Gama Group) include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, wet pipe sprinkler & stand pipe fire protection systems.		
P016	(1) TITLE AND LOCATION FIRE BRIGADE DEPARTMENT GROUP BUILDING, ESKİŞEHİR , TURKEY	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2010	CONTROL SERVICES -
	(3) EMPLOYER Eskişehir Fire Department	(4) CONTRACTORS	
		PRIME CONTRACTOR -	SUB-CONTRACTOR -



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P015	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of fire department headquarters building include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system & stand pipe fire protection systems.		
	(1) TITLE AND LOCATION ALTAY Project, Elmadag / Ankara / Turkey		
P014	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2009		CONTROL SERVICES -
	(3) EMPLOYER ROKETSAN (One of main establishments of Turkish Armed Forces Foundation)		(4) CONTRACTORS PRIME CONTRACTOR ATILLA CONSTRUCTION
P013	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2009		CONTROL SERVICES -
	(3) EMPLOYER Roketsan & Turkish Armed Forces		(4) CONTRACTORS PRIME CONTRACTOR NUR CONSTRUCTION
P012	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2009		CONTROL SERVICES -
	(3) EMPLOYER US Army Corps of Engineers		(4) CONTRACTORS PRIME CONTRACTOR YUKSEL CONSTRUCTION
P011	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2009		CONTROL SERVICES -
	(3) EMPLOYER US Army Corps of Engineers		(4) CONTRACTORS PRIME CONTRACTOR YUKSEL CONSTRUCTION
P010	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2009		CONTROL SERVICES -
	(3) EMPLOYER US Army Corps of Engineers		(4) CONTRACTORS PRIME CONTRACTOR YUKSEL CONSTRUCTION
P009	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2009		CONTROL SERVICES -
	(3) EMPLOYER US Army Corps of Engineers		(4) CONTRACTORS PRIME CONTRACTOR YUKSEL CONSTRUCTION
P008	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2009		CONTROL SERVICES -
	(3) EMPLOYER US Army Corps of Engineers		(4) CONTRACTORS PRIME CONTRACTOR YUKSEL CONSTRUCTION
P007	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2009		CONTROL SERVICES -
	(3) EMPLOYER US Army Corps of Engineers		(4) CONTRACTORS PRIME CONTRACTOR YUKSEL CONSTRUCTION
P006	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2009		CONTROL SERVICES -
	(3) EMPLOYER US Army Corps of Engineers		(4) CONTRACTORS PRIME CONTRACTOR YUKSEL CONSTRUCTION
P005	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2009		CONTROL SERVICES -
	(3) EMPLOYER US Army Corps of Engineers		(4) CONTRACTORS PRIME CONTRACTOR YUKSEL CONSTRUCTION
P004	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2009		CONTROL SERVICES -
	(3) EMPLOYER US Army Corps of Engineers		(4) CONTRACTORS PRIME CONTRACTOR YUKSEL CONSTRUCTION
P003	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2009		CONTROL SERVICES -
	(3) EMPLOYER US Army Corps of Engineers		(4) CONTRACTORS PRIME CONTRACTOR YUKSEL CONSTRUCTION
P002	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2009		CONTROL SERVICES -
	(3) EMPLOYER US Army Corps of Engineers		(4) CONTRACTORS PRIME CONTRACTOR YUKSEL CONSTRUCTION
P001	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2009		CONTROL SERVICES -
	(3) EMPLOYER US Army Corps of Engineers		(4) CONTRACTORS PRIME CONTRACTOR YUKSEL CONSTRUCTION



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	Combat Aviation Brigade Beddown Ali Air Base, Iraq		PROFESSIONAL SERVICES 2008-2009	CONTROL SERVICES -
	(3) EMPLOYER USACE, Corps of Engineers		(4) CONTRACTORS	
			PRIME CONTRACTOR KBR, USA	SUB-CONTRACTOR KULAK CONSTRUCTION CO. TURKIYE
	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Air traffic control tower, Fire pump house, Armed (228x428m), Unarmed (195x795m) helicopter apron and Airlift ramp (183x208m) and ISR ramp extension include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, wet pipe sprinkler & standpipe systems.			
P011	(1) TITLE AND LOCATION DFAC, Camp Delta, Iraq		(2) YEAR COMPLETED	
			PROFESSIONAL SERVICES 2008-2009	CONTROL SERVICES -
	(3) EMPLOYER USACE, Corps of Engineers		(4) CONTRACTORS	
			PRIME CONTRACTOR KBR, USA	SUB-CONTRACTOR KULAK CONSTRUCTION CO.
5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Structural Steel of 6000 m ² Dinning Facility building, 350 m ² Power plant, building, Water storage and Fuel tank II mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, wet pipe sprinkler & standpipe systems.				
P010	(1) TITLE AND LOCATION TAEK PROTON ACCELERATOR FACILITY		(2) YEAR COMPLETED	
			PROFESSIONAL SERVICES 2008-2009	CONTROL SERVICES -
	(3) EMPLOYER Turkish Atomic Energy Authority		(4) CONTRACTORS	
			PRIME CONTRACTOR YDA CONSTRUCTION	SUB-CONTRACTOR -
5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of medical research & development facility including Administrative Facilities, proton accelerator chamber facility include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, wet pipe sprinkler & standpipe systems.				
P009	(1) TITLE AND LOCATION Helo Maintenance Hangar		(2) YEAR COMPLETED	
			PROFESSIONAL SERVICES 2008-2009	CONTROL SERVICES -
	(3) EMPLOYER USACE, Corps of Engineers		(4) CONTRACTORS	
			PRIME CONTRACTOR KBR, USA	SUB-CONTRACTOR KULAK CONSTRUCTION CO.
5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm				



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P008	Designer of Record. Design of around 8000 m2 helicopter maintenance hangar include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, wet pipe sprinkler, high expansion foam & standpipe systems.		
	(1) TITLE AND LOCATION İPEK KAGIT MANİSA NEW CONVERTING PLANT PHASE 1 OUT OF 4 Manisa, Turkey		(2) YEAR COMPLETED
			PROFESSIONAL SERVICES 2008-2009
			CONTROL SERVICES -
P007	(3) EMPLOYER İPEK KAGIT / ECZACIBAŞI		(4) CONTRACTORS
			PRIME CONTRACTOR -
			SUB-CONTRACTOR GENTA CONSTRUCTION CO.
	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of new tissue paper production plant include all mechanical, plumbing (compressed air, vacuum) & fire protection activities including HVAC, sanitary and potable water system, wet & dry pipe sprinkler & standpipe systems.		
P006	(1) TITLE AND LOCATION Combat Aviation Brigade Beddown		(2) YEAR COMPLETED
			PROFESSIONAL SERVICES 2008-2009
			CONTROL SERVICES -
	(3) EMPLOYER USACE, Corps of Engineers		(4) CONTRACTORS
		PRIME CONTRACTOR KBR, USA	
		SUB-CONTRACTOR KULAK CONSTRUCTION CO.	
5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of Administrative Building including Administrative Facilities, Secure Compartmented Information Facility (SCIF) include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, wet pipe sprinkler & standpipe systems.			
P005	(1) TITLE AND LOCATION Dry Storage Warehouse Baghdad, Iraq		(2) YEAR COMPLETED
			PROFESSIONAL SERVICES 2008-2009
			CONTROL SERVICES -
	(3) EMPLOYER USACE, Corps of Engineers		(4) CONTRACTORS
		PRIME CONTRACTOR KULAK CONSTRUCTION CO.	
		SUB-CONTRACTOR -	
5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of around 14.000 m2 warehouse include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, wet & dry pipe sprinkler & standpipe systems.			
P005	(1) TITLE AND LOCATION		(2) YEAR COMPLETED



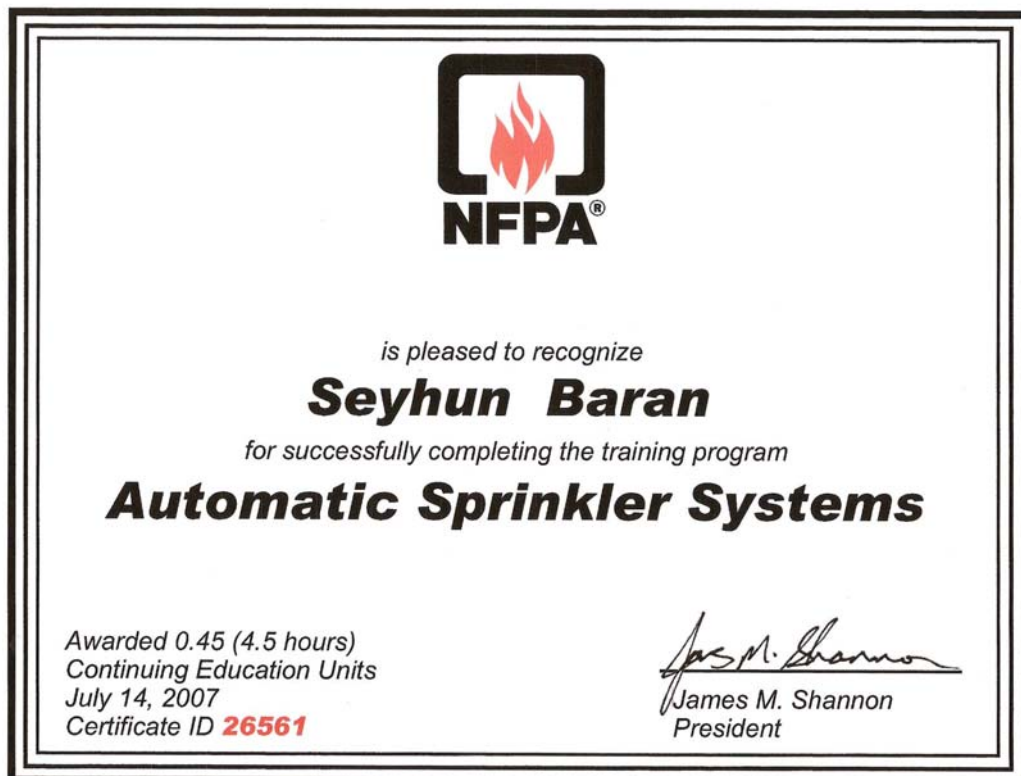
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	Medevac Helicopter Apron and Hangars, Anaconda AB, Balad, Iraq		PROFESSIONAL SERVICES 2007-2008	CONTROL SERVICES -
	(3) EMPLOYER USACE, Corps of Engineers		(4) CONTRACTORS	
			PRIME CONTRACTOR KBR, USA	SUB-CONTRACTOR YUKSEL CONST. CO. TURKIYE
	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Helicopter Apron Layout, Jointing, Grading, Drainage, Marking, Utility Relocations, Structural Utility Bridging, T-wall and Bob-wall Layout for Force Protection, Floodlighting, Static Grounding, Tie-down and Edge Lighting Design, 2 Helicopter Maintenance Hangars Steel Design, Foundation Design, HVAC, Plumbing and Electrical Design and Drawings. Pavement Thickness Design. The project construction cost is approximately \$15 million.			
P004	(1) TITLE AND LOCATION Expeditionary Fabric Hangar and Apron Construction, Anaconda AB, Balad, Iraq		(2) YEAR COMPLETED	
			PROFESSIONAL SERVICES 2007-2008	CONTROL SERVICES -
	(3) EMPLOYER USACE, Corps of Engineers		(4) CONTRACTORS	
			PRIME CONTRACTOR KBR, USA	SUB-CONTRACTOR YUKSEL CONST. CO. TURKIYE
5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Helicopter Apron Layout, Jointing, Grading, Drainage, Marking, Utility Relocations, Structural Utility Bridging, T-wall and Bob-wall Layout for Force Protection, Floodlighting, Static Grounding, Tie-down and Edge Lighting Design, 2 Helicopter Maintenance Hangars Steel Design, Foundation Design, HVAC, Plumbing and Electrical Design and Drawings. Pavement Thickness Design. The project construction cost is approximately \$15 million.				
P003	(1) TITLE AND LOCATION Munition Disposal Facility Kırıkkale / Ankara / Turkey		(2) YEAR COMPLETED	
			PROFESSIONAL SERVICES 2006-2007	CONTROL SERVICES -
	(3) EMPLOYER ROKETSAN (One of main establishments of Turkish Armed Forces Foundation)		(4) CONTRACTORS	
			PRIME CONTRACTOR -	SUB-CONTRACTOR -
5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of new munition disposal facility with around 20 buildings include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, wet pipe sprinkler, deluge & stand pipe fire protection systems.				
P002	(1) TITLE AND LOCATION EDUCATION & RECREATION FACILITIES		(2) YEAR COMPLETED	
			PROFESSIONAL SERVICES	CONTROL SERVICES



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		2005	-
	(3) EMPLOYER	(4) CONTRACTORS	
	CENTRAL BANK of THE REPUBLIC of TURKEY	PRIME CONTRACTOR -	SUB-CONTRACTOR -
	5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of around 30.000 m2 education & recreation facility with swimming pool, hotel and conference rooms include all mechanical, plumbing & fire protection activities including HVAC, sanitary and potable water system, wet pipe sprinkler & stand pipe fire protection systems.		
P001	(1) TITLE AND LOCATION	(2) YEAR COMPLETED	
	NEW PRODUCTION BUILDING Tire / İzmir / Turkey	PROFESSIONAL SERVICES 2005	CONTROL SERVICES -
	(3) EMPLOYER	(4) CONTRACTORS	
	BRITISH AMERICAN TOBACCO (B.A.T.) TIRE FACILITIES	PRIME CONTRACTOR -	SUB-CONTRACTOR GENTA CONSTRUCTION CO.
5. BRIEF DESCRIPTION AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designer of Record. Design of tobacco production plant extension include all mechanical, plumbing (compressed air, vacuum) & fire protection activities including HVAC, sanitary and potable water system, wet & dry pipe sprinkler & standpipe systems.			



Automatic Sprinkler Systems

Made Available:

05/16/07

Access Expires:

08/16/07

Progress:

100%

Credited Time: 4.5

hours

	Percent Completed	High Score	Completed	Pass?
Sprinkler Systems: Planned Impairments	100 %	100%	05/20/07	Pass
Introduction to Automatic Sprinklers	100 %	100%	05/20/07	Pass
Sprinkler Components	100 %	100%	07/14/07	Pass
Wet-Pipe Automatic Sprinkler Systems	100 %	80%	05/16/07	Pass
Dry-Pipe Systems	100 %	100%	07/12/07	Pass
Deluge and Preaction Systems	100 %	100%	06/10/07	Pass
Sprinkler Design	100 %	100%	05/21/07	Pass
Special Sprinkler Systems	100 %	100%	06/10/07	Pass
Automatic Sprinkler Inspection, Testing & Maintenance	100 %	100%	07/14/07	Pass

Completions

07/14/07

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If the print button fails to display the certificate, you may need to download the latest version of Adobe Acrobat. For best printing quality, use a high resolution color printer and glossy paper. All Certificates have a unique "Certificate ID" number which permits us to verify the certificate's authenticity.

4.1.3 Software :

Following software are being used in design works:

No	Software Name	Notices
1	MS Windows Vista & MS Windows 7	Operation system
2	MS Office	Package programme
3	MS Project 2010	Project Management
4	MS Outlook 2010	Office automation – Electronic calendar and diary
5	AutoCAD 2012	Computer aided design (CAD)
6	Carrier HAP (Hourly Analysis Program)	Heating and air conditioner calculation software.
7	ELITE FIRE	Fire sprinkler hydraulic calculation programme
8	IZODER TS 825	TS 825 standard calculation software
9	MagiCAD	3D Computer aided design (CAD) (For HVAC design)
10	AutoSPRINK	3D Computer aided design (CAD) (For fire design)

4.1.4 Hardware:

Hardware Type	Using Purpose	Unit
Computers	PC	7
	NOTEBOOK	6
COMPUTER TOTAL		13
Printers	CAD	1
	General	2
Total Printer		3

5. SOME REFERENCES:

No	PROJECT NAME	CLIENT	AHJ (Authority Having Jurisdiction)	CONTRACTOR	LOCATION		YEAR
					CITY	COUNTRY	
1	LIVING ACCOMODATIONS & OFFICE BUILDING FOR THE NETHERLANDS FORCES	Contractor	NAMSA	FEKA / NAMSA	Kunduz	AFGHANISTAN	2011
2	CONSTRUCTION OF FIVE HARDENED ACCOMODATION BLOCKS	Contractor	NAMSA	FEKA / NAMSA	ISAF HQ Kabul	AFGHANISTAN	2011
3	COMMAND & CONTROL FACILITY, CAMP TOMBSTONE /	Contractor	AFCEE	YENİGÜN / AMEC	Bastion	AFGHANISTAN	2011
4	FY-11 C-IED Task Force Compound	Contractor	USACE	KBR / SERKA	Bagram	AFGHANISTAN	2011
5	CONSTRUCTION OF MULTIPLE FACILITIES & INFRASTRUCTURE FOR THE TASK FORCE 3-10 COMPOUND, PHASE 1	Contractor	USACE	METAG	Shank	AFGHANISTAN	2011
6	MATERNITY & PEDIATRIC HOSPITAL UMRANIYE /(450 beds / 100.000 m2)	AHJ	Istanbul Governorship Special Provincial Administration	-	Istanbul	TURKEY	2011
7	TUNUS DJEBEL RESSAS CEMENT FACTORY	Contractor	-	EKON Cons. Co.	Tunis	TUNUSIA	2011

No	PROJECT NAME	CLIENT	AHJ (Authority Having Jurisdiction)	CONTRACTOR	LOCATION		YEAR
					CITY	COUNTRY	
8	BRISA 4th EXTENSION PROJECT	AHJ	BRISA		Kocaeli	TURKEY	2011
9	MMK ATAKAŞ IRON AND STEEL FACTORY Dilovası Facility Dört Yol Facility Payas Facility	AHJ	MMK /ATAKAŞ	-	Kocaeli / İskenderun	TURKEY	2009 - 2011
10	ASİL STEEL Gebze Storage Building	AHJ	ASİL STEEL	-	Kocaeli	TURKEY	2011
11	ISTANBUL ATATÜRK DORMITORY CAMPUS	AHJ	Istanbul Governorship Special Provincial Administration	-	Istanbul	TURKEY	2010
12	ASKABAT MEDICAL FACULTY	Contractor	-	POLIMEKS Cons. CO	Askabat	TURKMENISTAN	2009- 2010
13	ROKETSAN Ammunition Surveillance Facility Project (MIGYEM)	AHJ	ROKETSAN	-	Kırıkkale	TURKEY	2009
14	AMBARLI THERMAL POWER PLANT	Contractor	EUAS	EKON Cons. Co.	Istanbul	TURKEY	2009- 2011

No	PROJECT NAME	CLIENT	AHJ (Authority Having Jurisdiction)	CONTRACTOR	LOCATION		YEAR
					CITY	COUNTRY	
15	HASANOĞLAN CEMENT FACTORY	Contractor	-	EKON Cons. Co.	ANKARA	TURKEY	2008
16	PERVOURALSKY STEEL PLANT	Contractor	PNTZ	GAMA	Ekaterinburg	RUSSIA	2008
17	MEDICAL TREATMENT FACILITY	Contractor	-	IGN	Kabul	AFGHANISTAN	2008
18	KIRIKKALE PLASTER FACTORY	Contractor	-	BIR ENGINEERING	Kırıkkale	TURKEY	2008
19	MARITZA THERMAL POWER PLANT	Contractor	-	GAMA / ALTSTOM	Maritza	BULGARIA	2007- 2008
20	TYNAGH ENERGY 400 MW Combined cycle power plant	Contractor	-	GAMA	Galway	IRELAND	2005- 2006
21	SAMRA THERMAL POWER PLANT Combined cycle power plant	Contractor	-	GAMA	Samra	JORDAN	2005- 2006
22	BOĞAZLIYAN SUGAR FACTORY	Contractor	-	PROKON	Yozgat	TURKEY	2005

No	PROJECT NAME	CLIENT	AHJ (Authority Having Jurisdiction)	CONTRACTOR	LOCATION		YEAR
					CITY	COUNTRY	
23	ANKARA RAIL TRANSPORTATION SYSTEM	Contractor	-	PROKON	Ankara	TURKEY	2005
24	KASHAGAN PIPE FACTORY	Contractor	-	GAMA	Kashagan	RUSSIA	2005
25	BRITISH AMERICAN TOBACCO New factory building	Contractor	-	PROKON	Izmir	TURKEY	2005
26	İSDEMİR Asu-6 project	Contractor	-	PROKON	İskenderun	TURKEY	2004
27	TURKMENBASHI Refining control building	Contractor	-	GAMA	Turkmenbashi	TURKMENISTAN	2004
28	NUH CEMENT FACTORY Laboratoury and control building	Contractor	-	PROKON	Kocaeli	TURKEY	2004
29	AGIPGAS BV BRANCH Wafa Facilities, Processes area, Logistic areas, Supporting areas	Contractor	-	PROKON / GAMA	-	LIBYA	2003-2005



EKO ENGINEERING CO.

No	PROJECT NAME	CLIENT	AHJ (Authority Having Jurisdiction)	CONTRACTOR	LOCATION		YEAR
					CITY	COUNTRY	
30	IZMIT MEDICAL FACILITY Laboratoury and control building	Contractor	-	PROKON	Kocaeli	TURKEY	2003



UMRANIYE MATERNITY & PEDIATRIC HOSPITAL
450 Beds / 100.000 m²



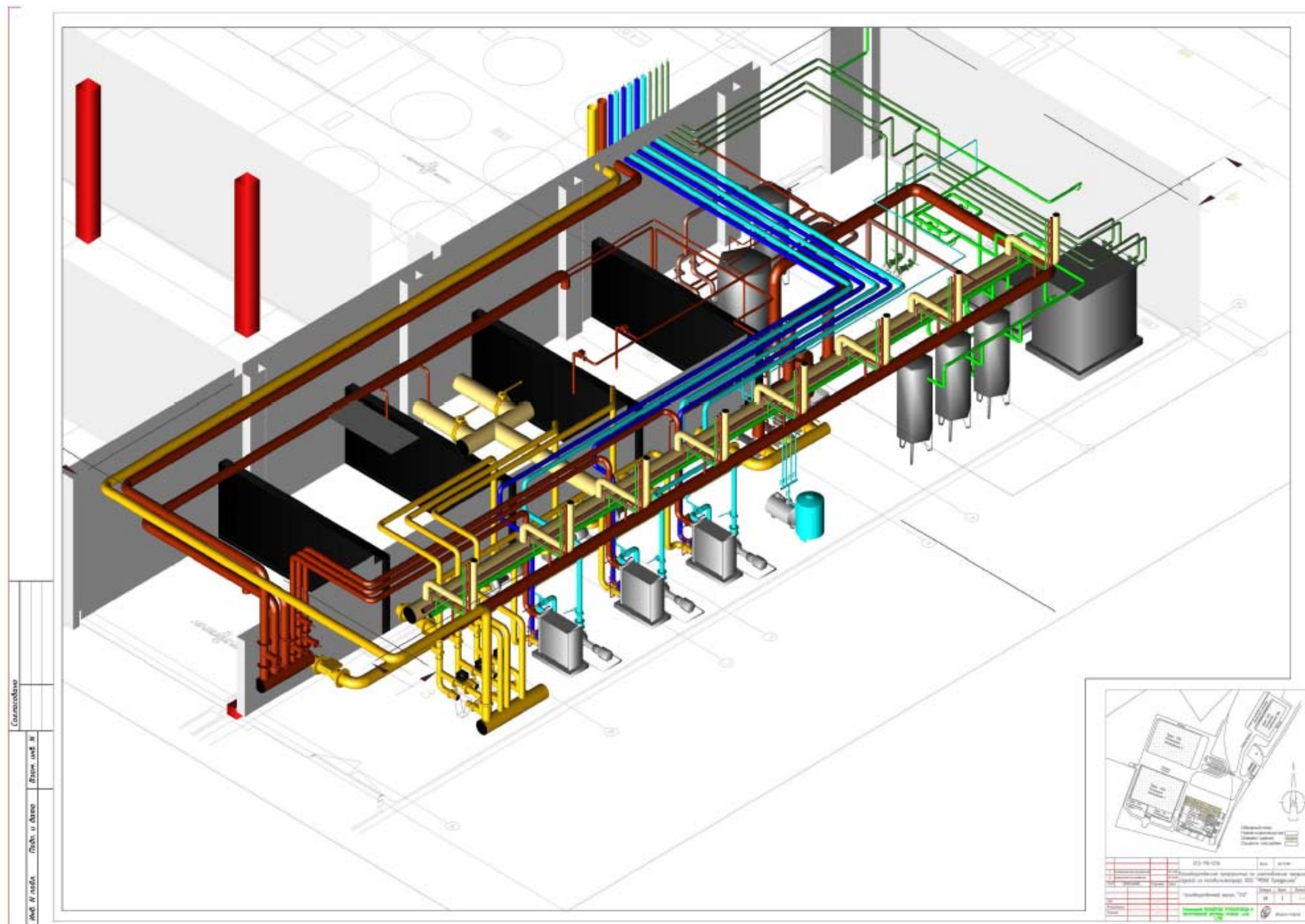


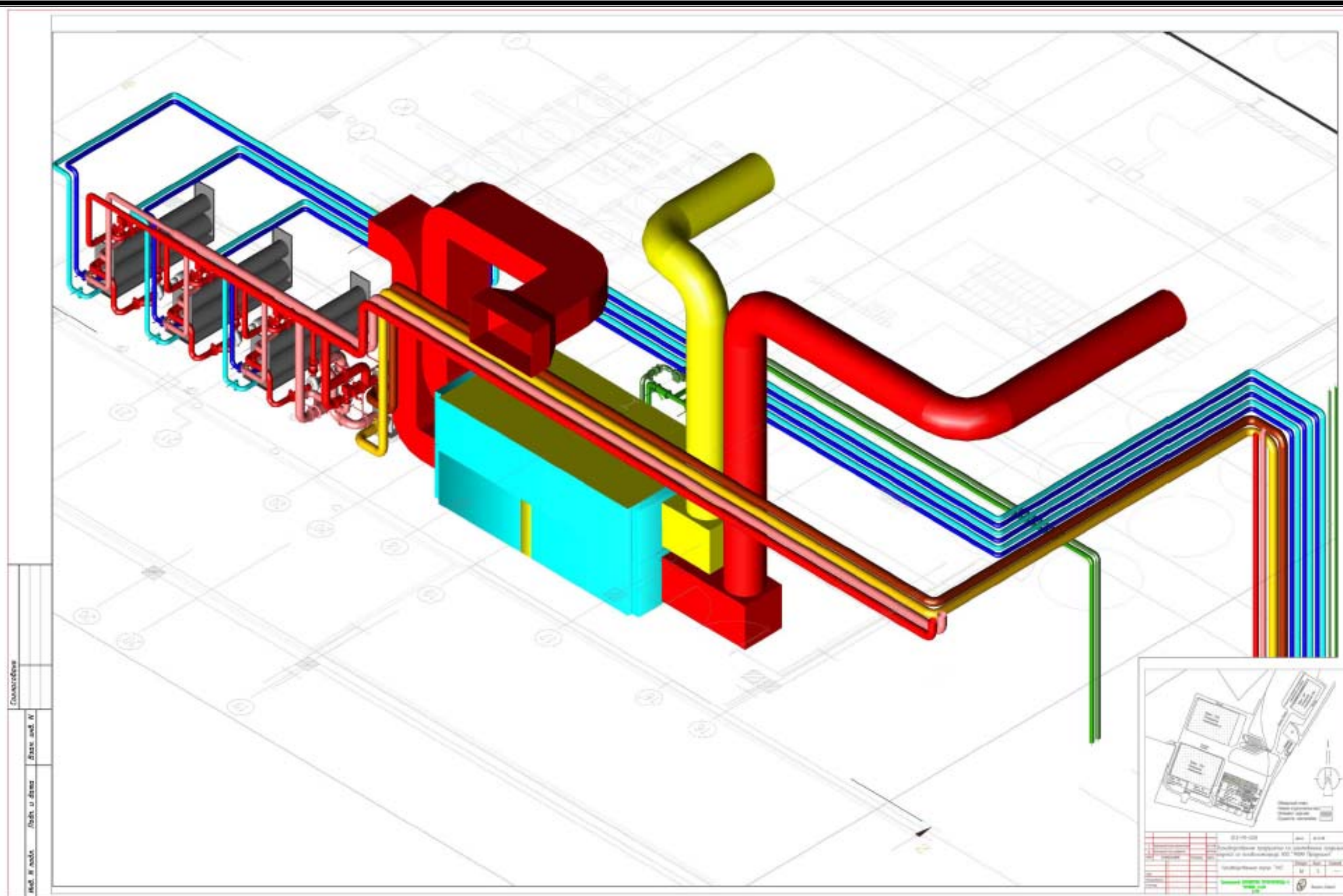


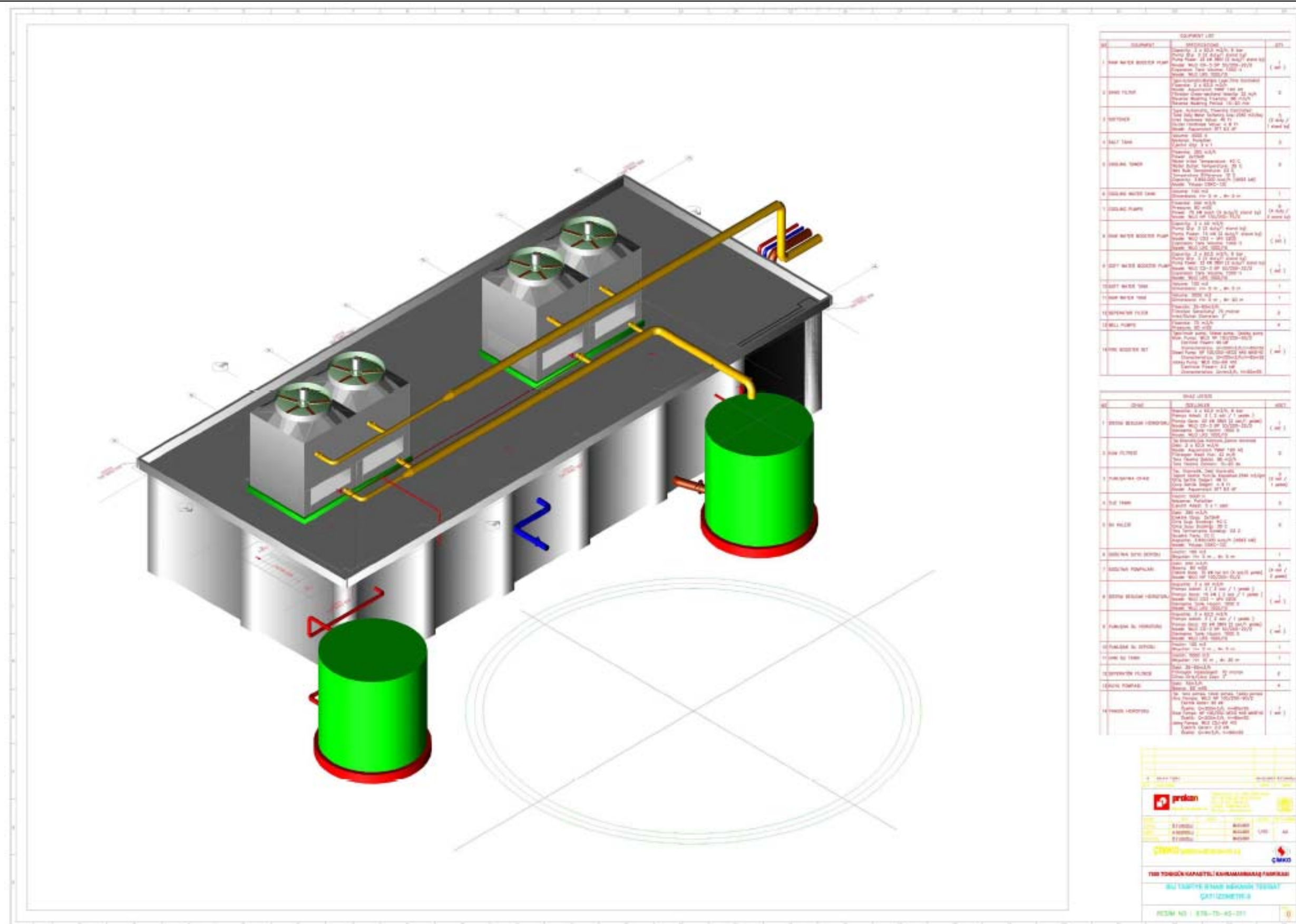








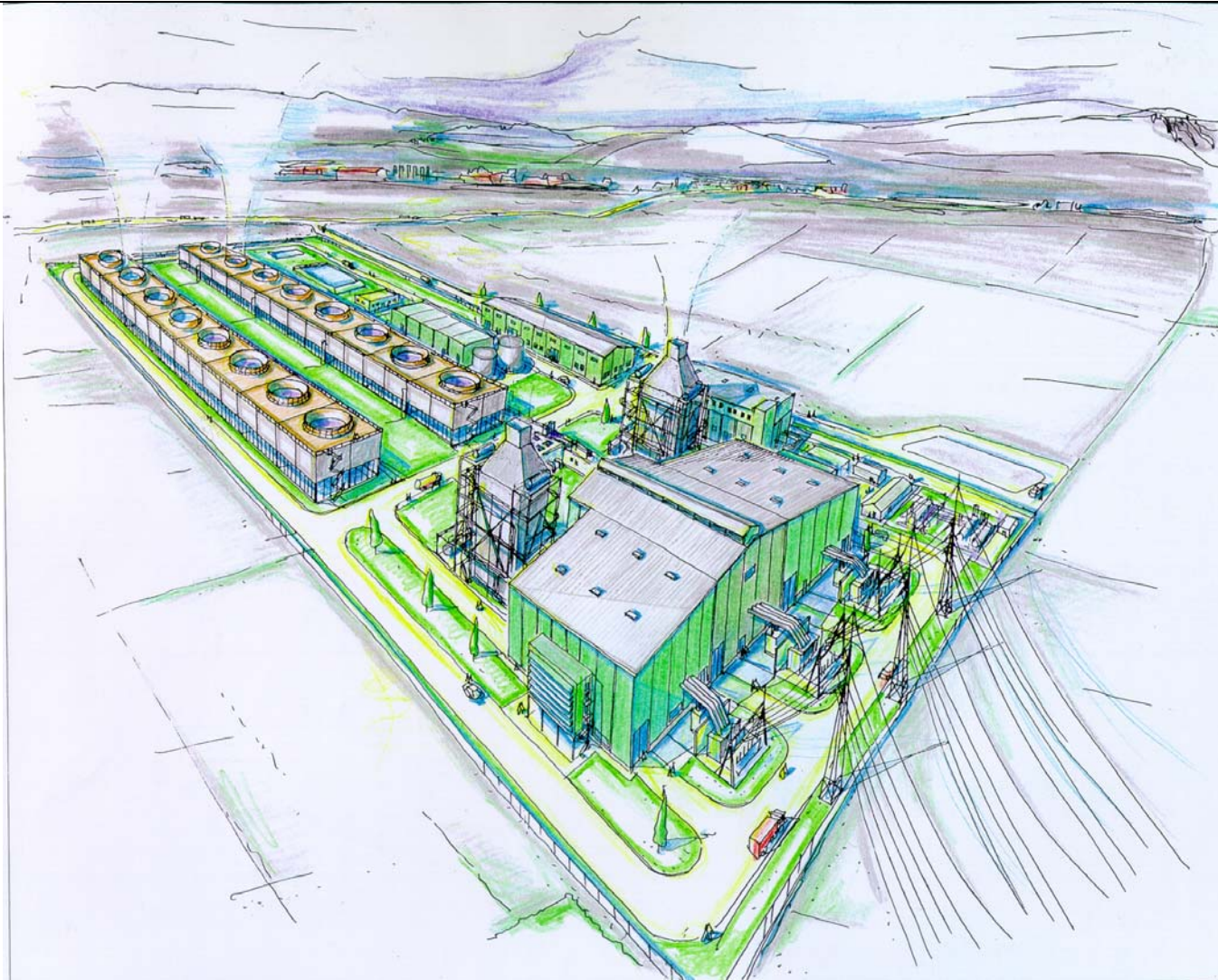
































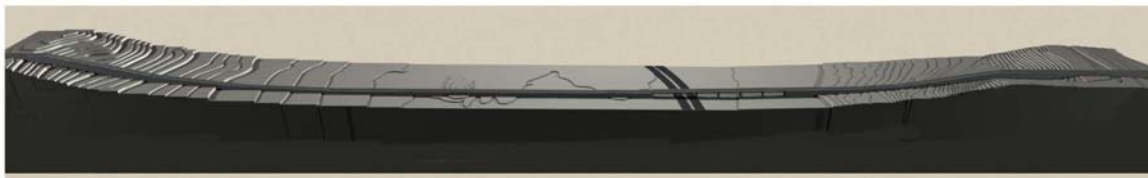




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3.AŞAMA





DELPHI OTOMOTIVE

3D DRAWN BY: TOLGA U. YILDIRIM



AMBARLI İSTANBUL CYCLE POWER PLANT



İSKENDERUN (SUGÖZÜ) TERMİK SANTRALİ 2x660 / 1320 MW

