



# Hankuk Engineering Consultants



- Water Supply & Sewerage Engineering
- Environmental Engineering and Assessment
- Water Resources Development & River Improvement
- Urban & Regional Development
- Highway & Road Engineering  
Field Survey and Investigation
- Plant Engineering
- Construction Management
- R&D Center



**Hankuk Engineering Consultants**  
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## **Introduction of the Firm**

Company Name	Hankuk Engineering Consultants Co.		
Year Established	August 13, 1991		
Address	<b>Changwon Headquarters</b> 50, Wanam-ro, Seongsan-gu, Changwon-si, Gyeongnam, SK Techno Park Nex-dong 811 <b>Anyang Office</b> Anyang Megavalley 801, 799 Gwangyang-Dong Dongan-Ku, Anyang City, Kyonggi-Do, Republic of Korea, 431-767		
Communication	Tel. +82-31-420-8722 Fax. +82-31-420-8719 E-mail : hecoversea@gmail.com <a href="http://www.hankukeng.com">http://www.hankukeng.com</a>		
Representative	Mr. Myung Woong HAN, Chairman & CEO, P.E.		
Capital	1,000,000 US\$ Equivalent		
Capabilities	Annual Turnover for Last 10 years	25 Mil US\$ (Ave.)	
	Annual Number of Projects for Last 10 years	130 Projects (Ave.)	
Employees	Registered Professional Engineers and Specialists	36	
	Engineers	78	
	Other Staffs	75	
	Total	189	

## **Greeting**



*We ensure the technologies for the development of  
clean and pleasant urban environment and  
human respect, would satisfy the client's needs  
with our effort and sincerity..*

Since its foundation in 1991, Hankuk Engineering Consultants delivers engineering consulting services with the motto "Compliment and Trust of Client". HEC makes effort to improve the country's development and quality of life of the people, and moreover pride of making a healthy and comfortable environment.

Based on the excellent technical resources, HEC has performed over 1,500 projects such as master plans, designs and supervision project in a field of urban planning, land development and road as well as water related fields such as water supply and drainage, water resources, not only in Korea, but also in Vietnam, Mongolia, Bangladesh, Cambodia, Sri Lanka, Philippines and so on.

HEC promises we would do our best for healthy and comfortable life of the people around the world by leading from the front in water problem of developing countries and Infrastructure solution based on the credibility and differentiated technology.

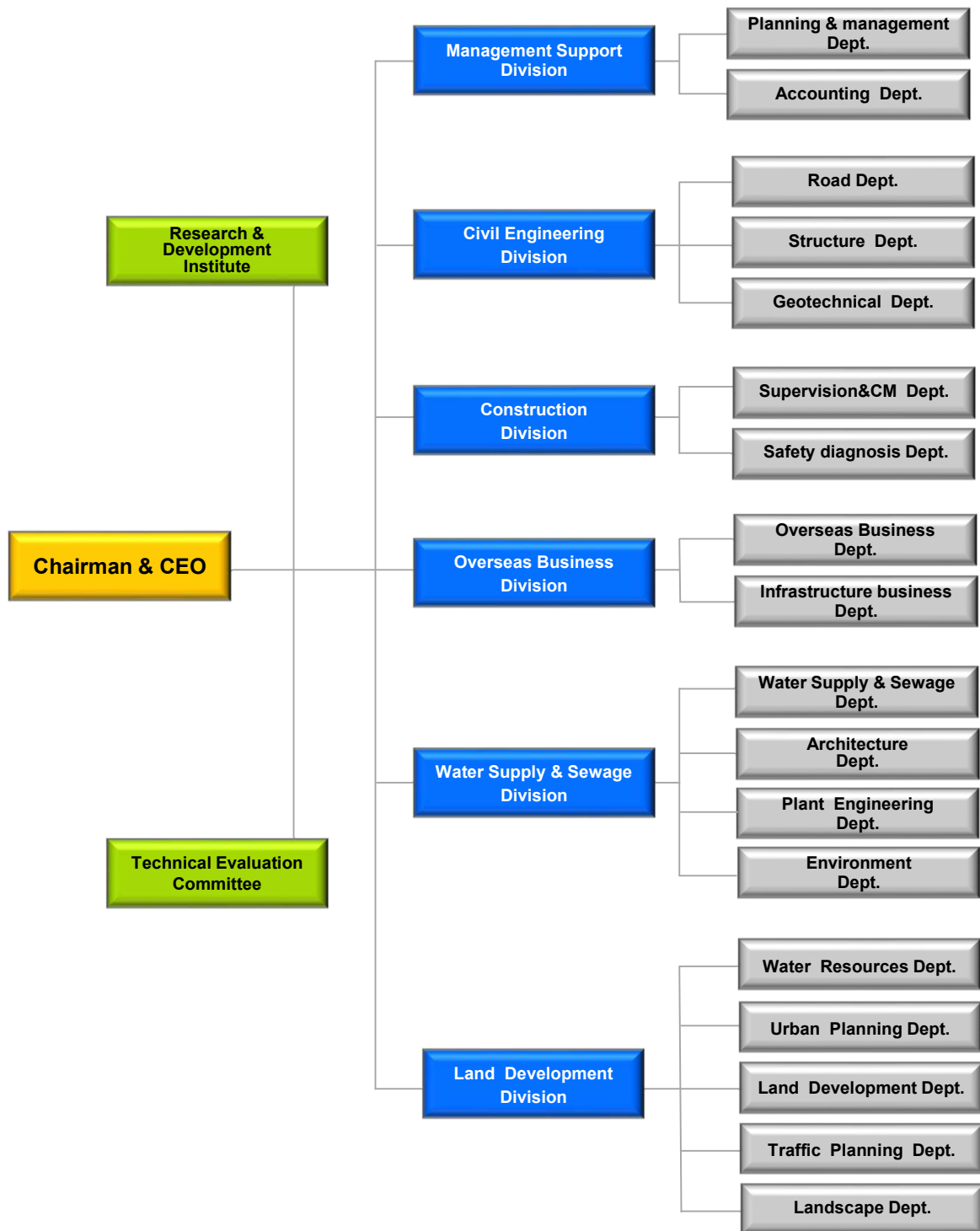
HEC looks forward to your constant encouragement and cooperation.

**Myung Woong, Han**  
**Chairman & CEO**



YEAR	HISTORY
2022	<ul style="list-style-type: none"> <li>Registration of business using ultra-light aircraft</li> <li>Registration of water pipe network management agency</li> </ul>
2021	<ul style="list-style-type: none"> <li>Registration of groundwater impact investigation agency</li> </ul>
2019	<ul style="list-style-type: none"> <li>Registration of safety diagnosis institution (bridge and tunnel, repair facility, construction)</li> </ul>
2015	<ul style="list-style-type: none"> <li>Registration of Technical Diagnostics Professional Organizations (Sewage Pipe Line Diagnosis)</li> </ul>
2014	<ul style="list-style-type: none"> <li>Registration of Construction Technology Service Business / Design, Project Management</li> </ul>
2011	<ul style="list-style-type: none"> <li>Registration of Engineering &amp; Consulting Business</li> </ul>
2007	<ul style="list-style-type: none"> <li>Reported as an Agent Company for Safety Measure for Disaster</li> </ul>
2006	<ul style="list-style-type: none"> <li>Reported as an Overseas Construction Services License</li> </ul>
2005	<ul style="list-style-type: none"> <li>Reported as an General fire facility design business (electricity)</li> </ul>
2003	<ul style="list-style-type: none"> <li>Designated as a Sincere Engineering Service Company in 2003 (KOWACO)</li> </ul>
2000	<ul style="list-style-type: none"> <li>Registered as an Agent Company for Disaster Impact Assessment</li> <li>Registered as an Agent Company for Traffic Impact Assessment</li> </ul>
1999	<ul style="list-style-type: none"> <li>Registered as a Water Pollution Control Facilities Engineering Company</li> <li>KS A 9001, ISO 9001 Quality Management System Certification</li> </ul>
1998	<ul style="list-style-type: none"> <li>Registered with the province of Gyeonggi as an Electrical Facilities Engineering Company</li> <li>Authorized as an Agent Company for Environmental Impact Assessment</li> </ul>
1997	<ul style="list-style-type: none"> <li>Registered a Research Center attached Enterprise at Korea Industrial Technology Association</li> <li>Registered with the Ministry of Science &amp; Technology as a General Supervision Company</li> </ul>
1996	<ul style="list-style-type: none"> <li>Authorized as an Engineering Supervisor by Ministry of Construction &amp; Transportation (Drinking water Supply, Water Resource Field)</li> </ul>
1993	<ul style="list-style-type: none"> <li>Reported as an Engineering Activity Entity to Korea Engineering &amp; Consulting Association</li> <li>Registered with the Ministry of Construction &amp; Transportation as a Civil Supervisor</li> </ul>
1991	<ul style="list-style-type: none"> <li>Established Hankuk Engineering Consultants Co.</li> <li>Registered with the Ministry of Science &amp; Technology as a Professional Engineering Service Company</li> </ul>

### Organization Chart





### Business Licenses & Registration



*In accordance with the relevant laws and regulations of Republic of Korea, HEC is registered with the authorities concerned for engineering consulting business, covering all related infrastructure fields. Registrations and licenses of HEC include:*

#### ■ Engineering Enterprise

• Water Supply & Sewerage Treatment	• Water Resources Development
• Water Quality Control & Management	• Waste Disposal
• Air Pollution Control & Management	• Noise and Vibration Control & Management
• Hydraulic Mechanics	• Electrics & Transmission
• Public Measuring	• Rural & Fishing Districts Development
• Roads & Airports	• Traffic & Transportation
• Urban & Regional Planning	• Landscaping
• Civil Engineering Structures	• Architectural Structure
• Soil & Foundation	• Geographic Spatial Information
• Procurement/Construction Management	• Environmental Services

Licenses	Registering Institution	Registration No.
• Engineering Services	Korea Engineering Consulting Association	E-9-84
• Supervision services for the Construction and Civil works	Gyeonggi-Do	No. 5-53
• Overseas construction services (Civil / Environmental)	International Contracts Association of Korea	No. 283 / 37
• Survey services	Gyeonggi-Do	No. 02-03-10063
• Design services of the electric facilities	Anyang-si	No. Gyeonggi 1-32
• Supervision services of the electric facilities	Anyang-si	No. Gyeonggi 2-33
• Environment Impact Assessment services	Ministry of Environment	No. Seo-099
• Traffic Impact Assessment services	Ministry of Construction and Transportation	No. 160
• Environment Civil (Water)	Gyeonggi-Do	No. 99
• Design service of the firefighting facility	Anyang Fire station	No. Gyeonggi 2005-24
• Development and Research Institute	Korea Industrial Technology Association	No. 19971153
• Quality Management System Certification	Korea Foundation for Quality	No. AC-02015
• Registration Agency to establish disaster safety measures	National Emergency Management Agency	No. 53
• Technical Diagnostics Professional Organizations (Sewage Pipe Line)	Ministry of Environment	No. 36

## Quality Management System



*Hankuk Engineering Consultants has established Quality Management Policy to create new customer value by providing Highest quality and continuously exerts best efforts to adhere to the policy.*

The Quality Management System of Hankuk Engineering Consultants complies with the global standards.

To provide reliability to the customers on the quality of the Company's products, the company is building corporatewide Quality management system in accordance with ISO 9001 International Standards and the company has obtained the ISO 9001 Certification in all business areas of the company.



- **Certification Body**
  - **IQNet**(The International Certification Network)
  - **KFQ** (Korean Foundation for Quality)
- **Certifications** : ISO 9001:2008 / KS Q ISO 9001:2009
- **Certification Scope**
  - Studies and Design of Civil Fields  
(Water Supply & Sewage, Road & Airport, Structures of Civil Engineering, Water Resources Development)
  - Design of Urban Planning FIELDS, Landscape Architecture Fields and Electric Power Facilities(Transmission Fields)
  - Assessment of Environment Impact
  - Consultancy Services of Civil Works(Water Supply & Sewage, Road, Ground-Preparation)
- **Certification Expiration Date** : 2023. 11. 23

### Major Patents & Utility Models



Name of Patent	Date of Registration	Patent No.
• Agitating system for water & wastewater processing	2014. 03. 11	No.10-1375875
• Triple eccentric butterfly type check valve	2013. 10. 28	No. 10-1374800
• Bridge type agitator apparatus for water, wastewater processing	2013. 12. 26	No. 10-1347269
• ECCENTRIC CONE CHECK VALVE FOR SEWER PIPE	2012. 11. 26	No. 10-813583
• A Pier Check Ladder	2010. 08. 04	No.10-0975070
• Water Supply Valve	2008. 05. 28	No. 10-834943
• Valve Handling Key Device Having Hit Function	2008. 05. 28	No. 10-834944
• Storage Tank Having Attachable Screen	2008. 03. 07	No. 10-813583
• Apparatus For Screening Overflow Storm water And Combined Sewer Storage Tank	2008. 02. 14	No. 10-805877
• Tube Type Check Valve Having Float	2008. 02. 14	No. 10-805878
• Storm water And Combined Sewer Storage Tank Flushing System	2008. 01. 30	No. 10-801678
• Check Valve Having Function For Preventing Transformation Of Rubber Disk	2007. 10. 12	No. 10-768529
• Flap Valve Having Buffer Function	2007. 10. 12	No. 10-768530
• Check Valve Having Damping Function Proceed Step By Step	2007. 10. 11	No. 10-768275
• Double Hinge Disk Position Adjustable Flap Valve	2007. 09. 20	No. 10-762411
• Flap Closed Position Adjustable Single Hinged Flap Valve	2007. 08. 13	No. 10-750675
• Device For Lifting Manhole Cover	2007. 08. 13	No. 10-750676
• Gate Apparatus For Water Supply And Drainage	2007. 05. 11	No. 10-719495
• Stormwater and Combined Sewer Storage Tank Vacuum Flushing System	2007. 05. 11	No. 10-719496
• Valve Housing With High Adjustable Extension Drive Axle	2007. 02. 08	No. 10-683044

Name of Utility Model	Date of Registration	Utility Model No.
• Advanced forming plate	2013. 12. 26	No. 20-470651
• Ring type supporter for waterworks pipe mending	2010. 04. 29	No. 20-448683
• Disk Flap Valve Have Buoyancy	2006. 10. 23	No. 20-429800
• Gabion shore protector capable of naturally growing the plants	2006. 06. 12	No. 20-419169
• Apparatus For Preventing Sweep Of Carbon	2002. 09. 02	No. 20-289118
• Earth Reinforcement For Foundation In The Soft Ground	2002. 04. 17	No. 20-273764
• Float Removal Device Of Dissolved Air Flotation Basin	2001. 10. 16	No. 20-252231
• Automatic Mixing Apparatus Of Flocculants for Water Purification	2001. 05. 10	No. 20-231632

## Services



### Types of Services

- |   |                                 |
|---|---------------------------------|
| • FEASIBILITY STUDY                     | • PLANNING                      |
| • BASIC DESIGN                          | • DETAILED DESIGN               |
| • CONSTRUCTION MANAGEMENT & SUPERVISION | • ENVIRONMENT IMPACT ASSESSMENT |
| • ENGINEERING CONSULTING SERVICES       |                                 |

### Fields of Specialization

- **WATER SUPPLY**
  - Water Intake : River Intake, Ground Water Intake, Reservoir & Dam
  - Water Treatment : Conventional Treatment and Advanced Technology Treatment
  - Water Transmission : Pumping Station, Pipe Lines, Open Channels and Tunnels
  - Water Distribution : Pipe Networks, Networks Rearrangement, Storage, Reservoir and Tanks
  - Industrial Water Supply System
- **WASTEWATER & SOLID/WASTE DISPOSAL**
  - Storm Sewage and Wastewater Collection System / - Wastewater Treatment and Sludge Disposal
  - Industrial Wastewater Treatment / - Solid Waste Collection and Disposal
- **DAM & WATER RESOURCES**
  - Rockfill and Multi-purpose Dams / - Flood Control / - Ground Water
  - Water Improvement / - Catchment Management / - Hydrological, Hydrogeological Analysis
- **ENVIRONMENT**
  - Environment Impact Assessment / - Air & Water Quality Management
  - Noise & Vibration Management
- **URBAN AND REGIONAL PLANNING**
  - Land Use Planning / - District Unit Planning / - New Town Development Planning
  - Site Planning / - Industrial Land Development Planning / - Urban Design / - Landscaping
- **ROADS**
  - Highway / - Toll Road / - National & County Road / - Arterial / - By-pass / - Access Road / Parkway
- **ELECTRICAL & MECHANICAL**
  - Water : Pumping Station, WTP, STP, WWTP
  - Solid Waste & Sludge : Recycling Plant, Dry & Incineration Plant, Mechanical & Biological Treatment
  - Air Pollution Facilities : Bag Filter, Scrubber, SCR & SNCR, Desulfuring & Deodorizing Equipment
- **CONSTRUCTION MANAGEMENT & SUPERVISION**





Ttukdo Water Treatment Plant (Q=700,000m<sup>3</sup>/d)

Recent scientific and technological advances have led to many exciting developments in water treatment techniques and water supply system.

HEC has played an active role in these developments and are considered one of the leading experts in Korea.

Our company has designed, built and managed more than 100 water treatment plants and water supply systems ranging in capacity from 10,000 to 2,000,000 m<sup>3</sup>/d.

## **□ Scope or Work**

- Filtration Plant, Drainage, Water Line and Treatment Plant Design
- Water Supply Consolidation planning
- Industrial Water Treatment, Supply System Design
- Alternate Water Resources Development Planning and Design
- Turn-Key and SOC Project Design for Water Supply Systems





Advanced Water Treatment Facilities of Gangbuk WTP (Q=1,000,000m<sup>3</sup>/d)



Advanced Water Treatment Facilities of Kuui WTP (Q=550,000m<sup>3</sup>/d)



Advanced Water Treatment Facilities of Seongnam WTP (Q=786,000m<sup>3</sup>/d)

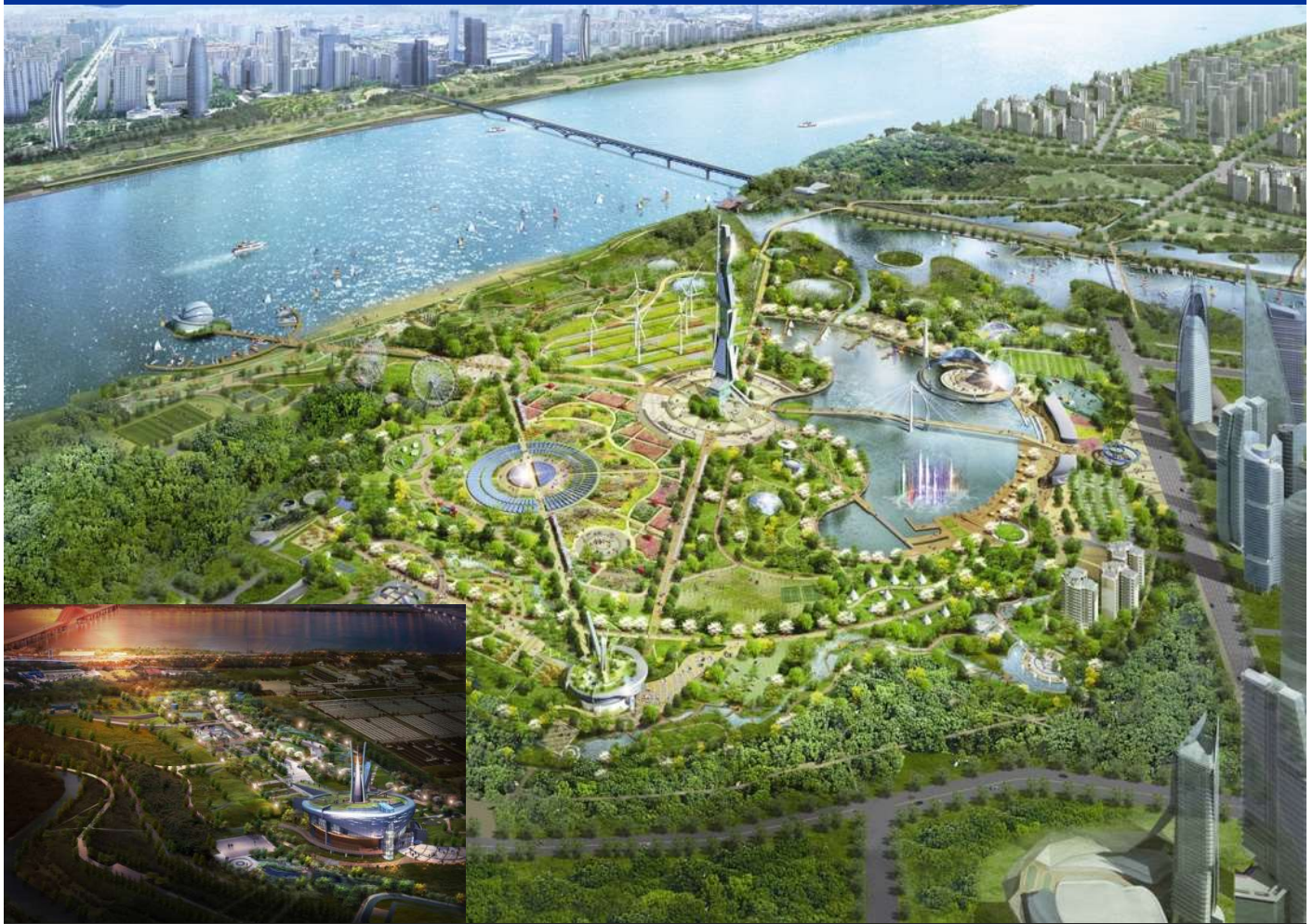


Multi-Regional Water Supply System in Downstream of Han River (Q=350,000m<sup>3</sup>/d)



Multi-Regional Water Supply System in South of Jeonnam Region (Q=200,000m<sup>3</sup>/d)





Advanced Water Treatment & Modernization of Facilities in Seonam Water Recycling Center (Q=2,000,000m<sup>3</sup>/d)

The HEC has been serving citizens and protecting the environment since the establishment by providing safe drinking water and eliminating the health hazards of waste water & solid using 21st century technology.

Our advanced technology in the field of waste-water treatment and sewerage system led us to design, build and manage more than 80 projects in Korea.

## **□ Scope or Work**

- Sewage Treatment Plant and Sewer System Design
- Sewerage Consolidation Planning
- Sewerage Consolidation Feasibility Studies
- Turn-Key and SOC Project Design for Sewage Treatment Plant and Sewer System









To secure water resources through environmentally sound and sustainable development, and To ensure the security of citizen's life from the natural disaster such as flood, HEC will do our best to realize the coexistence of nature and human beings with our distinct technology.

## Scope or Work

- Water Resources Development
- River Improvement/Rehabilitation
- Eco-Friendly River Maintenance
- Irrigation and Storm Drainage
- Flood control survey







Geum River Restoration T/K Project(Construction Site 5)



Han River Restoration T/K Project(Construction Site 4)



Basic plan of Youngju Dam



Feasibility Study of Bohyun Dam



Improving the Flood Control Capacity of Juam Dam





Development(Section 5) Project of Cheongna District in Incheon FEZ

In the field of development and planning, HEC has made great contribution in economic development and balanced regional development of the nation with many years of experience, exceptional technological manpower and vast know-how.

New technology in land use planning and regional development master plan, HEC has developed, makes the sustainable development and management can be established. Also HEC is developing various technologies in environmental mitigation planning for the damaged environment due to development activities.

## **□ Scope or Work**

- Urban Planning and Management Planning
- Urban Development Project Planning
- Regional Development Planning
- Residential Development Projects Planning
- Tourist Resort Planning and Design







Urban Regeneration Promotion Planning of Anyang Manan Newtown



Housing Site Development Project of Incheon Gajung district



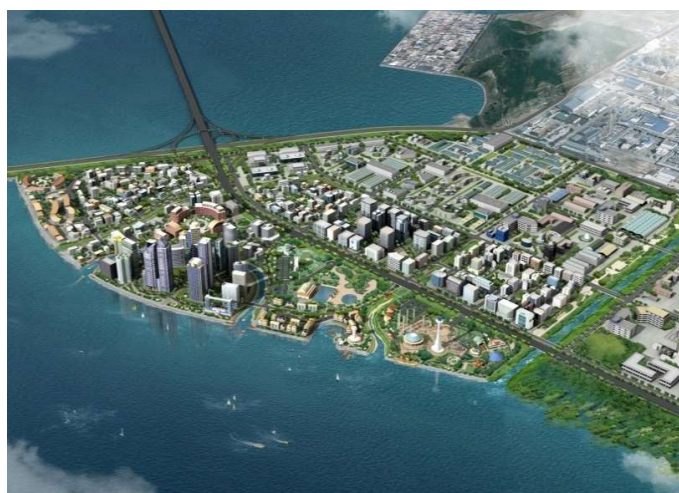
Residential Environment Improvement Project for Anyang City(Naengcheon District)



Site Preparation & Utility facilities Construction(USFK) for Parcel-II(Section 4)



Hwajeon Industrial Complex Development Project in Busan, Jinhae FEZ



Shihwa Multi-Techno Valley(Section 1) Development Project





The road is one of the most typical and essential elements for social overhead capital (SOC) and is constantly being developed as a pillar of logistics system. Road department have accumulated a wide range of experience and use the highest technology to basic plan (Feasibility Study, Basic and Detailed Design) for construction of national highways and provincial roads.

The technology of the 21st century is creating an opportunity for an extremely modern traffic system. we are endeavoring to design hi-tech road systems like ITS (Intelligent Transport System), AHS (Advanced Highway System) and SMART ROAD that will establish a ubiquitous road.

## □ Scope or Work

- **HIGHWAY & ROAD DESIGN**
  - Feasibility Study
  - Basic Design
  - Detailed Design
- **CONSULTING**
  - Study For Road Design
  - Road safety Audit
  - Study For Pavement Design











Sludge Treatment(Incineration) Facilities of Cheongju STP

We have provided clients with reliable and exact basic and detailed design, until they are satisfied with our services. We, organized as experts, are making persistent efforts based on pioneering and creation spirit.

We hold excellent design quality based on standardized materials according to design criteria, also we are developing new and reliable technology. Only fully proven technologies are applicable to our designs.

## **□ Scope or Work**

### • WATER

- Pumping Station
- Water Treatment Plant
- Sewage Treatment Plant
- Wastewater Treatment Plant

### • AIR POLLUTION FACILITIES

- Bag Filter
- Scrubber
- SCR And SNCR
- Desulfuring / Deodring Equipment

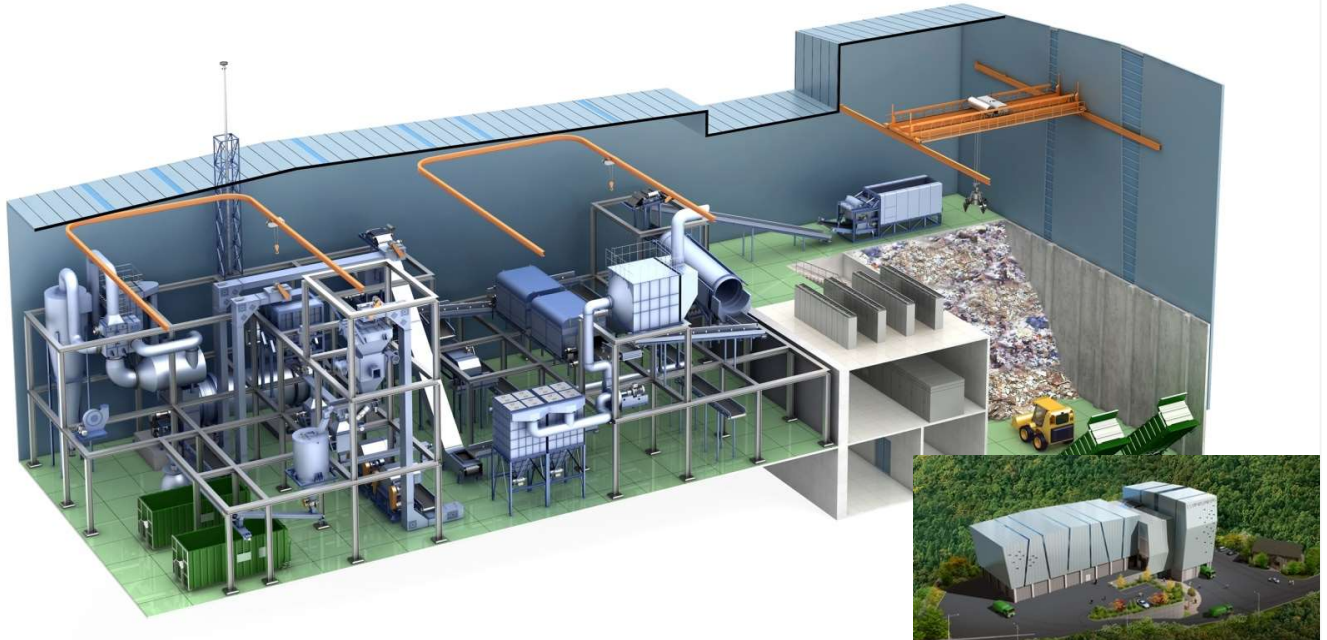
### • SOLID WASTE AND SLUDGE

- Recycling Plant
- Dry and Incineration Plant
- Charcoaling And Granulation
- Mechanical And Biological Treatment

### • OTHERS

- Renewable Energy  
(Bio Gas, Small Hydropower, Geo Heat)
- Fountain Facilities

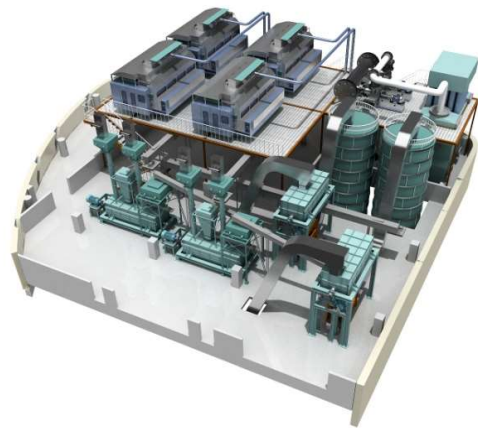




Broadband Mechanical Biological Treatment(MBT) Facilities in Muju-gun and Jinan-gun(T/K)



Improvement Works and advanced Treatment Process Seonam STP



Total-Phosphorus Treatment Facilities of Shincheon STP



Water Restoration Center & Clean Energy Center for Multifunctional Administrative City



Sewage Sludge Treatment Plant for Suwon City





• Overseas Project

Name of Consulting Services	Name of Client	Start	Completion
Engineering Consultancy Service for the Designs and Supervision for the Development of Water Supply Systems	Ministry of Industry, Science, Technology & Innovation / Cambodia	2022.08	2024.08
Consulting Services for The Urgent Rehabilitation of Strategic Irrigation Project for Western Region of Indonesia (URSIP)	Ministry of Public Works and Housing / Indonesia	2021.06	2026.05
Western Uzbekistan Water Supply Development Project	Department for Operation of Interregional Water Supply "Tuyamuyun-Nukus" SUE / Uzbekistan	2020.08	2025.07
Feasibility Study and Detailed Design of Digoel Dam – Papua, Indonesia	Ministry of Public Works and Housing / Indonesia	2020.10	2022.04
Consultancy Services for Detail Engineering Design of Rehabilitation of PASIGALA Raw Water Supply System Palu – Central Sulawesi	Ministry of Public Works and Housing /Indonesia	2019.11	2020.05
Improved Operations and Management of Service Providers and Institutional and Regulatory Reform	Municipality of Ulaanbaatar/ Mongolia	2019.12	2020.12
Consultancy Services for Reviewing of the Design, Construction Supervision of EPC/ Turnkey Contract & Contract Management for 500 MLD Capacity of Dasherbandi Sewage Treatment Plant Project	Dhaka WASA/ Bangladesh	2017.05	2021.05
AfDB Loan No. TWSB/003/2016-2017, Consultancy Services for Design Review and Construction Supervision of Meru Sewerage Project	Tana Water Services Board/ Kenya	2017.05	2017.12
AfDB Loan MWE/WSDF-C/SRV15-16/0002/1, Consultancy Services for Assignment 1: Design Review and Construction Supervision of Water Supply Systems of Kabembe Project	Ministry of Water and Environment/ Uganda	2017.04	2020.08
ADB LOAN No. 2839-CAM (SF) Provincial Roads Improvement Project	Ministry of Public Works and Transport	2012.11	2017.10
Feasibility Study for Integrated Disaster Risk Reduction and Climate Change Adaptation Measures in the Low Lying Areas of Pampanga Bay	Department of Public works and Highways/ Philippines	2012.12	2013.07
G0204-MON: Southeast Gobi Urban and Border Town Development Project – Consulting Services for the Provision of Engineering Designs, Contract Document Preparation and Construction Supervision in Dornogovi Aimag	PMU Southeast Gobi Urban and Border Town Development Project/ Mongolia	2012.06	2015.01
Consulting Services for Hoa Khanh Tay Water Supply Project (EDCF Loan No. VNM-020-	Phu My Vinh Construction & Investment/	2010.08	2016.06



### ● Master Plan for Water Supply System

Name of Consulting Services	Name of Client	Start	Completion
Basic plan for waterworks maintenance for metropolitan waterworks and industrial waterworks (region 2)	Ministry of Environment	2019.09	2021.12
Geochan County water maintenance master plan establishment (change) service	Geochang County	2019.06	2021.11
Ansan City water maintenance master plan and water demand management implementation plan establishment service	Ansan City	2018.06	2019.12
Bonghwa County water maintenance master plan (change) and water demand management implementation plan establishment service	Bonghwa County	2016.06	2017.12
Master Plan(Modification) for Water Supply System and Technical Assessment for Water Supply Pipeline System in Gwacheon City	Gwacheon City	2015.06	2016.12
Master Plan for Water Supply System in Osan City	Osan City	2015.04	2016.11
Master Plan(Modification) for Water Supply System in Gwangyang City	Gwangyang City	2015.03	2016.12
Master Plan and Technology Inspection of Water Supply Facilities in Naju City	Naju City	2014.09	2016.03
Master Plan of Water Supply Facility Maintenance for Multi Regional Water Supply Facilities and Industrial Water(2Region)	Korea Water Resources Corporation(K-Water)	2013.07	2014.11
Master Plan and Technology Inspection of Water Supply Facility	Daegu Metropolitan City	2013.06	2015.06
Master Plan and Technology Inspection of Gwangju Water Supply Facility	Gwangju City	2013.05	2014.12
Master Plan and Feasibility Study of Technology Inspection and Advanced Water Treatment Facility Introduction for Gunpo Water Supply Plant	Gunpo City	2013.04	2013.11
Master Plan of Water Supply Adjustment Plan of Bucheon	Bucheon City	2012.07	2014.05
Master Plan(Modification) for Water Supply System in Hwaseong City	Hwaseong City	2011.05	2012.05
Master Plan(Modification) for Water Supply System in Gimpo City	Gimpo City	2011.04	2012.03
Master Plan(Modification) for Water Supply System in Yangju City	Yangju City	2010.04	2011.04
Master Plan for Water Supply System in Anyang City	Anyang City	2010.04	2011.12
Master Plan(Modification) for Water Supply System in Goheung-gun	Goheung-gun	2009.06	2010.06
Master Plan(Modification) for Water Supply System in Icheon City	Icheon City	2009.05	2010.03
Master Plan(Modification) for Water Supply System in Uiryeong-gun	Uiryeong-gun	2009.02	2010.02
Master Plan(Modification) for Water Supply System and Revenue Water Ratio Improvement in Bonghwa-gun	Bonghwa-gun	2008.11	2009.08
Master Plan for Water Supply System in Ansan City	Ansan City	2008.05	2009.10
Master Plan(Modification) for Water Supply System in Jangheung-gun	Jangheung-gun	2008.01	2009.02
Master Plan for Water Supply System in Geochang-gun	Geochang-gun	2007.09	2009.01
Master Plan(Modification) for Water Supply System in Chuncheon City	Chuncheon City	2007.08	2009.02



### ● Water Treatment Plant(WTP)

Name of Consulting Services	Name of Client	Start	Completion
Technical diagnosis of water purification plant in Gimhae City	Gimhae City	2021.05	2022.06
Basic and detailed design for the modernization of the integrated water purification plant of Bisan and Foil	Anyang City	2020.06	2022.06
Basic and detailed design for the project that installs plant advanced water treatment facilities at Cheonggye integrated water purification facility	Anyang City, Gyeonggi-do	2019.12	2021.04
Detailed design for advanced water purification treatment at Cheonan water station in the Daecheong dam system	K-water	2019.04	2020.02
Basic and detailed design of an advanced water treatment facility for Kachiul water purification plant	Bucheon City	2018.07	2019.12
Technical diagnosis service for Gumi water purification plant	Gumi City	2017.06	2019.12
Basic and detailed design for expansion of Gochon water purification plant	Gimpo City	2017.02	2018.07
Feasibility Study and Mater Plan for Advanced Water Treatment Facilities of Gumi WTP	Gumi City	2014.06	2014.12
Detailed Design of Advanced Water Treatment Facility Introduction for Ilsan Water Treatment Plant	Korea Water Resources Corporation(K-Water)	2013.05	2014.01
Detailed Design of Facility Expansion for Daeryong Water Treatment Plant	Suncheon City	2013.05	2014.05
Basic & Detailed Design for Water Source Development of Islands Area in Sinan-gun(2012)	Sinan-gun	2012.04	2012.08
Feasibility Study for Water Supply System in Sri Lanka (Deduru Oya, Ruwanweli)	Korea Exim Bank	2011.12	2012.07
Feasibility Study and Master Plan for Modernization of Facilities of Noon WTP in Gwangmyeong City	Gwangmyeong City	2011.03	2012.06
Detailed Design of Water Supply System in Gwansan District, Jangheung-gun	Jangheung-gun	2010.12	2011.07
Technical Assessment for Bupyung and two other Water Treatment Plant	Incheon Metropolitan City	2010.04	2011.02
Basic & Detailed Design for Supplemental Water Sources Development in the Gwangdong Dam	Korea Water Resources Corporation(K-Water)	2010.04	2010.09
Basic Design for Re-construction of Kuui WTP and Construction of Advanced Water Treatment Facilities in Seoul Metropolitan City(T/K)	HYUNDAI E&C Co. Ltd.	2009.08	2009.10
Basic & Detailed Design for Rural Water Supply System in Sanbuk-myeon, Yeosu-gun	Yeosu-gun	2009.04	2009.11
Basic & Detailed Design for Advanced Water Treatment Facilities of Gumi WTP	Korea Water Resources Corporation(K-Water)	2009.03	2010.07
Basic & Detailed Design for Advanced Water Treatment Facilities of Gangbuk WTP in Seoul Metropolitan City	Seoul Metropolitan City	2009.02	2009.12
Basic & Detailed Design for Rural Water Supply System in Innovative City	Korea Water Resources Corporation(K-Water)	2008.12	2010.10
Basic & Detailed Design for Industrial Water Supply System in Sihwa MTV	Korea Water Resources Corporation(K-Water)	2008.06	2010.08
Basic & Detailed Design for Rehabilitation of Gochon WTP in Gimpo City	Gimpo City	2008.06	2009.06
Basic & Detailed Design for Advanced Water Treatment Facilities of Suji WTP	Korea Water Resources Corporation(K-Water)	2008.02	2008.12
Basic & Detailed Design for Gaewoon Mt. Reservoir in Seoul Metropolitan City	Seoul Metropolitan City	2007.10	2008.12



### • Multi-Regional Water Supply System

Name of Consulting Services	Name of Client	Start	Completion
Basic and detailed design for the introduction of a granular activated carbon regeneration facility in the Han River basin	K-water	2021.04	2022.07
Basic and detailed design of Han River basin smart pipe network Management	K-water	2020.12	2021.12
Basic and detailed design for the Geochang County's local water supply modernization project	K-water	2019.05	2021.11
Detailed design for advanced water purification treatment at Cheonan water station in the Daecheong dam system	K-water	2019.05	2021.11
Basic and detailed design service for the metropolitan waterworks project in western Chungcheong Province (Block 2 - Taeon system)	K-water	2018.12	2019.12
Okcheon County's local waterworks modernization project block construction and pipe network maintenance field survey and detailed design	K-water	2018.05	2020.07
Feasibility study and basic & detailed design for the old pipe improvement project for Pohang's industrial waterworks	K-water	2016.04	2017.12
Basic & Detail Design for Adjustment of Multi-Regional Water Supply System in the Yeongsan River (2nd Phase)	Korea Water Resources Corporation(K-Water)	2015.10	2017.05
Basic & Detail Design of Water Intake and Water Treatment Plant for Chungju Dam Industrial Water Supply Project (2nd Phase)	Korea Water Resources Corporation(K-Water)	2015.10	2017.04
Basic and Detailed Design of Transmission Facility(Zone 5) for Daecheong Dam Multi Regional Water Supply Project	Korea Water Resources Corporation(K-Water)	2013.06	2015.06
Basic and Detailed Design of Water Supply Reliability Enhancing Project for Gumi Multi Regional Water Supply Project(Phase1)	Korea Water Resources Corporation(K-Water)	2013.06	2015.12
Final Design Report Writing Service for Multi-Regional Water Supply System Facilities in Downstream of the Han River(1st Phase)	Sambu Construction Co.,Ltd.	2012.05	2012.05
Basic & Detailed Design for Multi-Regional Water Supply System of Thermal Power Plant in Pocheon City	Korea Water Resources Corporation(K-Water)	2011.11	2012.09
Detailed Design for Multi-Regional Water Supply System Conversion in Jeonju City	Korea Water Resources Corporation(K-Water)	2011.08	2011.12
Basic Survey for Technical Assessment of Multi-Regional Water Supply Pipeline System in Seoul Metropolitan Region	Korea Water Resources Corporation(K-Water)	2010.10	2011.10
Feasibility Study for Intake and Raw Water Transmission Pipeline of Multi-Regional Water Supply System in Kyungnam, Busan Region	Korea Water Resources Corporation(K-Water)	2009.12	2010.08
Basic & Detailed Design for Adjustment of Multi-Regional Water Supply System Facilities in Downstream of the Han River(2nd Phase)	Korea Water Resources Corporation(K-Water)	2009.09	2011.02
Basic & Detailed Design for Raw Water Development (Bank Filtration) of Multi-Regional Water Supply System in Busan & Gyeongnam Region	Korea Water Resources Corporation(K-Water)	2009.01	2010.07
Master Plan for Multi-Regional and Industrial Water Supply System (Area 1)	Korea Water Resources Corporation(K-Water)	2008.05	2009.10
Basic Design for Raw Water Transmission Pipeline of Multi-Regional Water Supply System in Seoul Metropolitan Region(Phase I )(T/K)	HYUNDAI E&C Co. Ltd.	2007.06	2007.12
Feasibility Study for Multi-Regional Water Supply System Facilities in Downstream of the Han River(2nd Phase)-Enterprise & Innovation City	Korea Water Resources Corporation(K-Water)	2007.05	2007.12
Basic & Detailed Design for Multi-Regional Water Supply System in the Central Area of the Nakdong River Region	Korea Water Resources Corporation(K-Water)	2006.05	2007.08
Feasibility Study for Complement of Emergency Pipeline Connection and Stabilization Plan of Multi-Regional Water Supply System in Seoul Metropolitan Region	Korea Water Resources Corporation(K-Water)	2005.08	2006.08
Basic & Detailed Design for Multi-Regional Water Supply System in the Western Area of Jeonnam Region	Damyang-gun	2003.12	2004.09





### • Water Transmission and Distribution System

Name of Consulting Services	Name of Client	Start	Completion
Technical diagnosis for Nonsan City's water supply pipe network	Nonsan City	2020.10	2021.12
Technical diagnosis for Goseong County's water supply pipe network (general)	Goseong County, South Gyeongsang Province	2020.06	2021.02
Technical Assessment for Water Supply Pipeline System in Hwaseong City	Hwaseong City	2015.12	2017.06
Technical Assessment for Water Supply Pipeline System in Ansan City	Ansan City	2015.07	2016.03
Basic & Detail Design for Industrial Water Transmission System in Downstream of the Han River (3rd Phase)	Korea Water Resources Corporation(K-Water)	2015.06	2016.12
Technical Assessment and Optimization for Water Supply Pipeline System in Iksan City	Iksan City	2015.05	2016.11
Basic and Detailed Design of Water Supply Project for Gumi National Industrial Complex	Korea Water Resources Corporation(K-Water)	2014.08	2016.03
Basic and Detailed Design of Block System Construction and Pipe Network Maintenance for Wando-gun Local Water Supply Plant	Korea Water Resources Corporation(K-Water)	2013.04	2015.04
Basic Design for Optimized O&M System for Multi-Regional Water Supply Pipeline System in Pyeongchang -gun(T/K)	Korea Environment Corporation(KECO)	2011.09	2011.12
Technical Assessment for Water Supply Pipeline System in Siheung City	Siheung City	2011.08	2012.08
Master Plan & Detailed Design for Water Distribution Network Rehabilitation in Gwangju City	Korea Water Resources Corporation(K-Water)	2011.07	2012.07
Investigation of Water Pipes' Operating Condition and Attached Facilities (Dongbu Water Office)	Seoul Metropolitan City	2011.04	2011.12
Master Plan for Optimized O&M System for Multi-Regional Water Supply Pipeline System in Gwangju Metropolitan City	Gwangju Metropolitan City	2011.03	2012.07
Basic & Detailed Design for Zone Planning of Water Distribution System and Water Distribution Network Rehabilitation in Goseong-gun	Korea Water Resources Corporation(K-Water)	2010.11	2012.11
Detailed Design for Zone Planning of Water Distribution System In Hwaseong City	Public Procurement Service	2010.08	2011.08
Basic & Detailed Design for Zone Planning of Water Distribution System in Gwangju City	Korea Water Resources Corporation(K-Water)	2010.06	2011.06
Master Plan for Optimized O&M System for Multi-Regional Water Supply Pipeline System in Gangwon Region(Pyeongchang-gun)	Korea Environment Corporation(KECO)	2010.05	2010.12
Master Plan & Detailed Design for Rural Water Distribution Network Rehabilitation in Geosje City	Korea Water Resources Corporation(K-Water)	2010.04	2011.04
Technical Assessment for Water Supply Facilities(Water Pipe Network, WTP) in Bucheon City	Bucheon City	2009.10	2010.10
Basic and Detailed Design for Supply Pipeline of Final Treated Water of WWTP into Jungrang Creek	Seoul Metropolitan City	2009.10	2010.03
Technical Assessment for Water Supply Pipeline System in Goyang City	Goyang City	2009.05	2010.11
Basic & Detailed Design for Zone Planning of Water Distribution System in Danyang-gun	Korea Water Resources Corporation(K-Water)	2009.03	2010.03
Detailed Design for Expansion of Water Supply System in Eastern District in Gimcheon City	Gimcheon City	2009.03	2009.06
Master Plan for Zone Planning of Water Distribution System in Cheongju City	Cheongju City	2008.07	2009.03
Detailed Design for Distribution Pipelines in Onsan National Industrial Complex	Ulsan City	2008.06	2009.02
Master Plan for Revenue Water Ratio Improvement in Gimpo City	Gimpo City	2008.06	2008.12



### ● Sewage Treatment Plant(STP)

Name of Consulting Services	Name of Client	Start	Completion
Basic and detailed design for the Pungcheon 2, new station treatment branch sewer pipeline maintenance project	Andong City	2020.03	2021.12
Basic and detailed design for Noeun Sewage Treatment Plant expansion	Chungju City	2018.06	2019.12
Basic and detailed design for the Asan City's water reuse project	Asan City	2017.03	2018.06
Basic and detailed design for the installation of an effluent reuse facility in Yangsan sewage treatment facility	Yangsan City	2017.06	2018.08
Master Plan of Water Reuse Management in Naju City	Naju City	2014.01	2015.01
Detailed Design of Improvement Project(T/K) for Suwon 2nd Sewage Treatment Plant	Taeyoung Co., Ltd.	2014.01	2014.04
Detailed Design of Total Phosphorus Treatment Facility and Facility Modernization for Seonam Water Recycling Center	Daelim Industrial Co., Ltd	2013.10	2015.03
Master Plan of Water Reuse Management in Gunpo City	Gunpo City	2013.01	2014.09
Detailed Design for Total-Phosphorus Treatment Facilities Construction (Advanced Treatment & Facilities Modernization) of Seonam STP	Daelim Industrial Co., Ltd.	2011.12	2012.03
Basic Design for Reprocessing Water 2nd Phase Construction of Songdo STP in Incheon City(T/K)	Shindongah E&C Co.,Ltd.	2011.09	2011.12
Basic Design for Total-Phosphorus Treatment Facilities Construction of Shincheon STP in Daegu City(T/K)	Daelim Industrial Co.,Ltd.	2010.11	2011.04
Basic & Detailed design for Supply Pipeline of Reclaimed Wastewater of Seoho STP	Suwon City	2009.12	2010.06
Detailed Design for Advanced Treatment & Facilities Modernization of Seonam Water Recycling Center	Daelim Industrial Co.,Ltd.	2009.10	2010.04
Basic & Detailed Design for STP Color removal Facility in Dongducheon City	Dongducheon City	2009.02	2009.06
Detailed Design for Seohochon Public STP in Suwon City	SK E&C Co.,Ltd.	2008.07	2009.01
Basic Design for Water Quality Restoration Center & Clean Energy Center in Multifunctional Administrative City	Daelim Industrial Co.,Ltd.	2008.10	2009.01
Basic & Detailed design for Okjeong STP in Yangju City	Yangju City	2007.08	2008.12
Basic Design for Seohochon Public STP in Suwon City	SK E&C Co.,Ltd.	2007.07	2008.09
Complementary design for Advanced Treatment Facilities of Suwon STP	Taeyoung Co.	2006.11	2007.01
Basic Design & Investigation for Advanced Treatment of Gajwa STP in Incheon City(T/K)	Daewoo E&C Co., Ltd.	2006.04	2006.11
Basic & Detailed design for Janghang STP in Seochon-gun	Korea Water Resources Corporation(K-Water)	2006.04	2007.09
Basic Design for Expansion of Sewage System in Upstream of the Nam River Dam	Sambu Construction Co.,Ltd.	2005.12	2006.01
Detailed Design for Advanced Treatment Facilities of Suwon STP	Taeyoung Co.	2005.10	2006.02
Basic Design & Investigation for Advanced Treatment Facilities of Gulpocheon STP in Bucheon City	Daewoo E&C Co., Ltd.	2005.06	2006.01
Basic Design for Advanced Treatment Facilities of Suwon STP (T/K)	Taeyoung Co.	2004.11	2005.07
Basic & Detailed design for Sewage Treatment Facilities in Uijeongbu City	Korea Land & Housing Corporation	2004.06	2005.06
Basic & Detailed design for Advanced Treatment Facilities of Dongbu STP in Seogwipo City	Seogwipo City	2004.03	2005.07



### ● Sewer System and the Others

Name of Consulting Services	Name of Client	Start	Completion
Chuncheon City's sewerage maintenance master plan establishment service (change)	Chuncheon City	2019.03	2021.12
Detailed design service for the Anyang City's old sewage pipe maintenance project	Anyang City	2018.05	2019.09
Chaging Goyang City's sewerage maintenance basic plan	Goyang City	2015.04	2016.04
Detailed Design of Defense Industry Sewerage Facility Private Investment Business(BTO) in Siheung City	Siheung City	2014.03	2014.08
Detailed Design of Sewerage Pipelines Maintenance in Sanbuk-myeon	Yeoju City	2014.03	2014.08
Detailed Design of Sewage Water Recycling Facility for Hwasun Hot Springs and Master Plan of Water Reuse Management in Hwasun City	Hwasun City	2012.12	2014.05
Detailed Design for Sewer System Improvement in Imok Catchment of Seoul Metropolitan City	Seoul Metropolitan City	2010.03	2011.06
Detailed Design for Advanced Wastewater Treatment Facilities in Gyeongsan Industrial Complex	Kolon E&C Co. Ltd.	2008.02	2008.08
Basic Design for Advanced Wastewater Treatment Facilities in Gyeongsan Industrial Complex	Kolon E&C Co. Ltd.	2007.11	2008.01
Basic Design for Private Investment Project of Sewer System Improvement in Geochang-gun(BTL)	Hwasung Industrial Co., Ltd.	2007.09	2007.12
Detailed Design for Private Investment Project of Sewer System Improvement in Goryeong-gun(BTL)	Hwasung Industrial Co., Ltd.	2007.07	2007.12
Detailed Design for Advanced Wastewater Treatment Facilities in Iksan National Industrial Complex	EFMC Ltd.	2007.03	2007.05
Detailed Design for Advanced Wastewater Treatment Facilities in Jinju National Industrial Complex	EFMC Ltd.	2007.01	2007.04
Basic Design for Private Investment Project of Sewer System Improvement in Gunsan City(BTL)	Dongyang E&C Corp.	2006.12	2007.02
Basic Design for Private Investment Project of Sewer System Improvement in Goryeong-gun(BTL)	Hwasung Industrial Co., Ltd.	2006.11	2007.03
Basic Design Design for Advanced Wastewater Treatment Facilities in Iksan National Industrial Complex	EFMC Ltd.	2006.11	2007.01
Basic Design for Private Investment Project of Sewer System Improvement in Yongin City(BTL)	Doosan E&C Co., Ltd.	2006.09	2006.11
Basic Design for Private Investment Project of Sewer System Improvement in Jincheon-gun(BTL-2nd Phase)	Byucksan E&C Co.,Ltd.	2006.06	2007.05
Detailed Design for Private Investment Project of Sewer System Improvement in Jincheon-gun(BTL)	Byucksan E&C Co.,Ltd.	2005.11	2006.03
Detailed Design for Advanced Industrial Wastewater Treatment Facilities in Cheongju National Industrial Complex	EFMC Ltd.	2005.05	2005.07
Detailed Design for Sewer System Improvement in Geochang-gun	Geochang-gun	2005.01	2005.06
Feasibility Study for Sewer System Improvement in Cheorwon-gun	Cheorwon-gun	2004.05	2005.02
Basic & Detailed Design for Sewer System Improvement in Pohang City	Korea Engineering Consultants Corp.	2004.03	2004.10
Detailed Design for Private Investment Project of Sewer System Improvement in Seochon-gun	Hyundai MOBIS	2002.08	2002.10





### • Dam & Hydropower Development

Name of Consulting Services	Name of Client	Start	Completion
Basic and detailed design for improving Pohang's industrial water pipeline from Angye Dam to POSCO	K-water	2020.07	2022.03
Establishing a plan to increase existing dams' response to climate change	K-water	2017.07	2019.12
Basic and Detailed Design of Transmission Facility(Zone 5) for Daecheong Dam Multi Regional Water Supply Project	Korea Water Resources Corporation(K-Water)	2013.06	2015.06
Feasibility Study for Constructing Dalsan Multipurpose Dam	Korea Water Resources Corporation(K-Water)	2011.08	2012.08
Alternative Design for Danyang Submerged Weir Construction(T/K)	Sambu Construction Co.,Ltd.	2010.04	2010.08
Basic & Detailed Design for Flood Control Reservoir in Damyang-gun	Korea Water Resources Corporation(K-Water)	2009.11	2010.04
Basic Design for Saemangeum Lake Dykes Development T/K Project (Dongjin Constuction Site 5)	Samsung C&T Corporation	2010.02	2010.05
Feasibility Study for Constructing Bohyun Dam	Korea Water Resources Corporation(K-Water)	2008.12	2010.06
Detailed Design for Existing Levee Reinforcement in the Seom River (Hoengseong)	Ministry of Land, Transport and Maritime Affairs	2008.10	2011.10
Master Plan for Improving the Flood Control Capacity of the Boryeong Dam	Korea Water Resources Corporation(K-Water)	2008.06	2009.06
Feasibility Study and Basic Plan for Rehabilitation of the Namkang Hydropower Plant	Korea Water Resources Corporation(K-Water)	2007.11	2008.06
Detailed Design for Existing Levee Reinforcement in the Geum River (Midstream)	Ministry of Land, Transport and Maritime Affairs	2007.07	2009.09
Master Plan for Improving the Flood Control Capacity of the Juam Dam	Korea Water Resources Corporation(K-Water)	2006.06	2007.11
Detailed Design for Improving the Flood Control Capacity of the Gucheon Dam	Korea Water Resources Corporation(K-Water)	2005.05	2005.12
Basic and Detailed Design for Improving the Flood Control Capacity of the Yeoncho Dam	Korea Water Resources Corporation(K-Water)	2005.05	2005.12
Detailed Design for Existing Levee Reinforcement in the Gisuk-cheon (Upstream)	Ministry of Land, Transport and Maritime Affairs	2004.04	2005.12



### ● River Development

Name of Consulting Services	Name of Client	Start	Completion
2020 National River Basin Survey	K-water	2020.07	2020.12
Detailed design for creating a waterfront space in the Namgang riverside area (from Sangpyeong-dong to Chojang-dong)	Jinju City	2021.02	2021.08
Detailed design for the Jangancheon Stream (small river) maintenance project	Hwaseong City	2018.03	2019.03
Detailed Design for Sangri Stream Maintenance Project and Two Other Projects	Yeoncheon Gun	2014.05	2015.01
Detailed Design for Soha(Seolgyeongju) Stream Maintenance Project	Yeoju City	2014.04	2015.05
Detailed Design for River Improvement in Downstream of the Daecheong Dam	Korea Water Resources Corporation(K-Water)	2010.03	2010.12
Detailed Design for River Environment Improvement in Dogok Area (Including the 7 others) of the Han River	Ministry of Land, Transport and Maritime Affairs	2009.07	2009.12
Basic & Detailed Design for Natural River Purification in the Mokgam-cheon(stream)	Gwangmyeong City	2008.03	2008.12
Detailed Design for River Improvement in Downstream of the Yongdam Dam	Korea Water Resources Corporation(K-Water)	2007.11	2009.01
Basic Plan & Rearrangement of River Register for River Improvement in the Geum River Basin	Chungnam Province	2007.08	2008.08
Basic Plan & Rearrangement of River Register for River Improvement in Upstream of the Yeongsan River	Ministry of Land, Transport and Maritime Affairs	2007.08	2010.08
Feasibility Study for the Rehabilitation of Riverine Environment in Goyang City	Goyang City	2007.06	2009.01
Basic Plan for River Improvement in the Nakdong River (Downstream of Dam - Area 2)	Korea Water Resources Corporation(K-Water)	2007.02	2007.11
Basic Plan & Rearrangement of River Register for River Improvement in the Anrim-cheon(stream)	Gyeongsangbuk-Do province	2005.07	2006.07
Detailed Design for River Improvement of the Upstream District of Miho-cheon in the Geum River Basin	Ministry of Land, Transport and Maritime Affairs	2005.06	2007.09
Detailed Design for Flood Control Project in the Han River Basin (Soyang River Area 2)	Ministry of Land, Transport and Maritime Affairs	2005.06	2010.08
Detailed Design for River Environment Improvement in Namwon Area	Ministry of Land, Transport and Maritime Affairs	2005.06	2007.10
Detailed Design for River Improvement in Shin-cheon 1 Area of the Nakdong River Basin	Ministry of Land, Transport and Maritime Affairs	2005.06	2007.12
Basic Plan & Rearrangement of River Register for River Improvement in the Sagimak-cheon Basin	Gyeonggi Province	2005.04	2006.06
Basic Plan & Rearrangement of River Register for River Improvement in the Jinwi-cheon(stream) District 1	Gyeonggi Province	2004.07	2005.09
Detailed Design for River Improvement in Sunsan Area of the Nakdong River Basin	Ministry of Land, Transport and Maritime Affairs	2004.05	2006.01
Detailed Design for River Environment Improvement in Yeongdong Area	Ministry of Land, Transport and Maritime Affairs	2004.04	2005.12
Detailed Design for River Improvement in Downstream of the Jangwolpyeong-cheon(stream)	Goyang City	2003.12	2005.04
Detailed Design for River Improvement in Daedong District (and 2 other Districts)of the Nakdong River Basin	Ministry of Land, Transport and Maritime Affairs	2003.12	2005.07
Basic Plan for River Improvement in the Maehwa-cheon(stream)	Gyeongsangbuk-Do province	2003.01	2004.01
Detailed Design for Flood Control Project in the Mankyung River Basin	Ministry of Land, Transport and Maritime Affairs	2002.07	2004.05



### ● Anti-Disaster Planning & Engineering Services

Name of Consulting Services	Name of Client	Start	Completion
Feasibility study and basic & detailed design for the Changwon district stormwater storage facility installation	Changwon City	2022.02	2022.05
Disaster impact review for Banwol District urban management plan change	Changwon City	2021.08	2022.03
Service for designating natural disaster risk improvement districts in Sinpo (Cheoksan), Anmin, and Banji	Changwon City	2021.06	2021.09
Pre-disaster impact assessment for road expansion and pavement between Saneum and Gobuk	Yangpyeong County	2015.05	2015.08
Pre-disaster impact review of the creation of a space over the Suin Line	Suwon City	2015.02	2016.05
Detailed Design for Flood Recovery Works in the Ganpa-cheon(stream)	Yeoncheon-gun	2011.10	2011.12
Establishing Service for Emergency Action Plan of the Hoeya Dam	Ulsan Metropolitan City	2011.05	2011.08
Basic and Detailed Design for Increase the capacity of Flood Pumping Station in Seoul Metropolitan City(Expansion in Region 1)	Seoul Metropolitan City	2011.03	2011.12
Basic and Detailed Design for Increase the capacity of Flood Pumping Station in Seoul Metropolitan City (Expansion in Region 3)	Seoul Metropolitan City	2009.12	2010.10
Basic & Detailed Design for Flood Control Reservoir in Damyang-gun	Korea Water Resources Corporation(K-Water)	2009.11	2010.04
Master Plan for Prevention of Storm & Flood Damages in Gunpo City	Gunpo City	2008.03	2008.12
Impact Assessment(Disaster, Environment, Traffic) for Innovative City in Kangwon-do	Korea Land & Housing Corporation	2006.12	2008.12
Drainage of Inner Basin Plan and Facilities Technical Assessment for Goyang City	Goyang City	2005.03	2005.12
Flood Mapping for the Nakdong River Basin	Korea Water Resources Corporation(K-Water)	2004.05	2005.05
Detailed Design for Flood Recovery of Sinan 1 Embankment in the Gam-cheon(stream)	Gyeongsangbuk-Do province	2002.11	202.12.
Detailed Design for Flood Recovery of Jeonggok Embankment in the Nakdong River	Ministry of Land, Transport and Maritime Affairs	2002.10	2002.12
Detailed Design for Flood Recovery Works in the Okjeong-cheon(stream)	Anseong City	2002.09	2002.11





### Urban Planning

Name of Consulting Services	Name of Client	Start	Completion
Replotting for the urban development project in the Damun District in Yangpyeong	Yangpyeong County	2022.06	
Deciding (changing) Geochang County's management plan (use area, district, and district unit plan)	Geochang County	2020.05	2021.10
Urban management plan and detailed design for the Naegi-Sinyeong section and another site	Pyeongtaeck City	2018.12	2020.02
Changing urban management plan (collective settlement district and urban park)	GS E&C	2018.11	2021.02
Decision on Urban management plan of Overhead Clearance in Suin Railroad	Suwon City	2015.02	2015.11
Master Plan and Feasibility Study of Baekseok Y-City Public Facilities	Goyang City	2014.10	2015.02
Urban management plan and Section 1 Basic Design for Busan Eco Delta City	Korea Water Resources Corporation(K-Water)	2013.02	2015.08
Determination(Modification) of Urban Management Planning (1st District Unit Planning) for Hogye District in Anyang City	LS Cable & System Ltd.	2012.07	2012.11
Establishing Service for Housing Environment Improvement Planning & Zoning Designation for Gozan 1 District in Ansan City	Ansan City	2011.07	2012.06
Designation of Urban Planning Facilities(City Hall) in Pocheon City	Pocheon City	2011.07	2012.06
Designation of Urban Planning Facilities(Sports sites) in Oksan-ri, Yeoncheon County	Yeoncheon County	2011.02	2012.03
Determination of Urban Planning Facilities for Ceramics Laboratory in Icheon City	Kangnam University	2010.06	2012.11
Survey for Residential Environment Improvement Project in Anyang City	Korea Institution of Construction Technology	2009.11	2009.11
Establishing Service for Housing Environmental Improvement Planning & Zoning Designation for Naengcheon District in Anyang City	Korea Land & Housing Corporation	2009.02	2009.07
Detailed Design for Urban Management Planning for Installation of Sports Facilities in Beopwone-up, Paju City	Paju City	2009.01	2010.11
Establishing Service for Reorganization of District Unit Planning for Pyeongchon Newtown in Anyang City	Anyang City	2008.11	2009.09
Determination of Urban Planning Facilities(Police Station) for Hanmam City	Gyeonggi Provincial Police Agency	2008.10	2009.03
Establishing Service for Urban Regeneration Promotion Planning in Manan Newtown, Anyang City	Anyang City	2008.04	2011.02
Establishing Service for District Unit Planning & Alteration of Development Plan in the Multifunctional Administrative City	Korea Land & Housing Corporation	2008.03	2010.09
Establishing Service for District Unit Planning & Modification of Urban Management Plan in Mokpo City	Mokpo City	2007.05	2008.08
Service for Designation of Urban Regeneration Promotion Area in Anyang City	Anyang City	2007.04	2008.10
Establishing Service for District Unit Planning & Traffic Impact Assessment for Samsung Distric, Yangju City	Dongil Architects & Engineers	2006.06	2007.06
Mater Plan & 2nd District Unit Planning for Tourist Attraction Development in Unjusa District, Hwasun-gun	Hwasun-gun	2006.06	2006.12
Establishing Service(Modification) for Housing Environment Improvement Planning in Dandae district, Seongnam City	Korea Land & Housing Corporation	2006.03	2007.08
Establishing Service for Housing Redevelopment Planning for Dukchun village in Anyang City	DI engineering Co.,Ltd.	2005.08	2006.03
Establishing Service for Reorganization of District Unit Planning in Mok-dong Central District, Seoul Metropolitan City	Seoul Metropolitan City	2004.05	2005.10



### • Industrial Complex / National Policy Projects

Name of Consulting Services	Name of Client	Start	Completion
Basic and detailed design for the introduction of the granular activated carbon regeneration facilities in the Han River Basin	K-water	2021.04	2022.07
Basic design and environmental and social impact assessment for the Carian Serpong waterway project in Indonesia	Export-Import Bank of Korea	2020.12	2021.12
Basic and detailed design for smart pipe network management in the Han River basin	K-water	2020.12	2021.12
Basic and detailed design for a water supply facility for SK hynix Icheon plant	K-water	2016.12	2018.07
Basic and Detailed Design of Water Supply Project for Gumi National Industrial Complex	Korea Water Resources Corporation(K-Water)	2014.08	2016.03
Detailed Design of Defense Industry Sewerage Facility Private Investment Business(BTO) in Siheung City	Siheung City	2014.03	2014.08
Master Plan of Water Supply Facility Maintenance for Multi Regional Water Supply Facilities and Industrial Water(2Region)	Korea Water Resources Corporation(K-Water)	2013.07	2014.11
Detailed Design for Hi-Tech Valley(1st Phase) Development in Gumi City	Korea Water Resources Corporation(K-Water)	2010.06	2011.11
Establishing Service(Modification) for Development & Implementation Plan of Housing-Site Development Project for Gajung district in Incheon Metropolitan City	Korea Land & Housing Corporation	2009.10	2010.03
Basic Design for Sihwa Multi-Techno Valley(2nd Phase) Development in Songsan Green City	Korea Water Resources Corporation(K-Water)	2008.10	2010.04
Basic Design for Site Preparation & Utility facilities Construction(USFK) for Parcel-2A	Samsung C&T Corporation	2008.11	2009.03
Detailed Design((Modification) for Shihwa Multi-Techno Valley(Section 1) Development Project	HYUNDAI E&C Co. Ltd.	2008.05	2009.02
Master Plan for Daedeok R&D Zone(Phase 2) Development Project	Korea Land & Housing Corporation	2007.09	2008.09
Research and Design for Housing Land Development Project in Jangan District, Hwaseong City	Korea Land & Housing Corporation	2007.07	2009.12
Basic Design for Development(Section 5) Project in Cheongna District, Incheon FEZ	Daelim Industrial Co.,Ltd.	2007.02	2007.08
Detailed Design for Housing Land Development Project in Bangeo District, Ulsan City	Korea Land & Housing Corporation	2006.11	2008.01
Research and Design for Daedeok R&D Zone(Phase 1) Development Project	Korea Land & Housing Corporation	2006.10	2009.04
Detailed Design for Regional Industrial Complex Project in Nam-myeon, Yangju city	Gyeonggi Ulban Innovation Corporation	2006.08	2009.01
Research and Design for Development Project in Gaju District, Busan & Jinhae FEZ	Korea Land & Housing Corporation	2006.02	2009.02
Alternative Design for Shihwa Multi-Techno Valley(Section 1) Development Project	HYUNDAI E&C Co. Ltd.	2005.10	2005.11





### ● Major Road Projects

Name of Consulting Services	Name of Client	Start	Completion
Establishing a road construction and management plan for Sancheong-gun and a basic and maintenance plan for rural roads	Sancheong County, South Gyeongnsang Province	2021.03	2022.06
Detailed design for road construction on Line 3-258, So-ro, Oegam-ri, Buk-myeon	Changwon City, South Gyeongnsang Province	2021.02	2021.05
Detailed design for expanding the access road to the Gyeongin Bridge	Anyang City	2017.08	2017.12
Detailed design for addressing a dangerous facility (underpass)	Dongan-gu, Gyeonggi Province	2016.01	2016.03
Detailed design for road opening around Changbakgol public garage in Anyang 9-dong	Anyang City	2015.11	2016.03
Detailed Design for City Planning Road(Middle2-222, Over bridge) Construction in Hwado	Bridge Technology Co., Ltd	2014.11	2014.12
Detailed Design for City Planning Road(Pogok) Middle3-101 Construction in Yongin	Yongin- City	2014.02	2014.09
Basic Design for Road Expansion Construction Between Bongo Main Road and Kimpo Airport	Bucheon City	2013.11	2015.01
Detailed Design for Structural Improvement Construction of Gwijeon-ri Hazardous Roads in Gimpo City	Gyeonggi Province	2012.03	2012.05
Detailed Design for Local Road(Route 912) Construction (Nakdong River Restoration Project)	Doosan E&C Co., Ltd.	2012.02	2012.06
Detailed Design for Hwado Urban Planning Road Construction in Namyangju City	Namyangju City	2011.12	2012.06
Detailed Design for Improvement of Farm Roads Connect Drainage Around U.S. military bases in Pyeongtaek City	Pyeongtaek City	2011.10	2011.12
Detailed Design for Local Road(Route 375)Improvement Construction Between Jeokam-ri and Samhwa-ri	Gyeonggi Province	2010.06	2011.04
Detailed Design for Bycycle Lane construction Between Philippines War Monument and Goyang 1 Bridge	Goyang City	2010.06	2011.02
Detailed Design for Bycycle Lane Improvement in Han River Area	Namyangju City	2010.03	2010.09
Detailed Design for Sandeul Road (Bycycle and Pedestrian Road) construction	Uiwang City	2009.12	2010.06
Detailed Design for Road Construction Between Guernji-ri and Ogok-ri	Pyeongtaek City	2008.10	2009.01
Detailed Design for Access Road Construction for Gaetgol Ecological Park in Siheung City	Siheung City	2007.11	2008.02
Basic Design for Bycycle Lane(1 section, Han River Basin) Construction in Namyangju City	Namyangju City	2007.08	2008.02
Detailed Design for Yeoncheon Urban Planning Road Construction in Yeoncheon-gun	Yeoncheon County	2006.02	2007.01
Basic Design for Structual Improvement of Dumugaegil Intersection	Seoul Metropolitan City	2004.08	2005.12
Detailed Design for Road Expansion & Pavement Construction Between Dongro-ri and Sang-ri	Gyeongsangbuk-Do province	2004.06	2004.11
Detailed Design for Jeose 1 bridge Construction in Yeongwol-gun	Yeongwol-gun	2004.03	2005.09
Feasibility Study for Road Construction Between Sukjang-ri and Samgot-ri	Yeoncheon-gun	2004.02	2004.08
Detailed Design for Road Expansion and Pavement in front of Environmental Office in Uijeongbu City	Uijeongbu City	2003.11	2004.01
Feasibility Study & Basic Design for Road Expansion and Pavement Construction Between Ojun-dong and Cheonggye-dong	Uiwang City	2003.09	2005.04



### ● Plant Engineering Projects

Name of Consulting Services	Name of Client	Start	Completion
Basic and detailed design for the modernization of local waterworks in Gimhae City	K-water	2020.09	2022.08
Basic and detailed design for the project that installs plant advanced water treatment facilities at Cheonggye integrated water purification facility	Anyang City	2019.12	2020.12
Detailed design for the introduction of an alternative disinfection facility in Sacheon (Jeong)	K-water	2019.02	2019.04
Design for the relocation of wide-area waterworks in Block 6 of the Guri-Pocheon expressway private investment project	POSCO E&C	2014.12	2015.03
Design for relocating wide-area waterworks in Seoul Bukbu Arterial Highway	Daewoo E&C	2014.08	2016.08
Detailed Design of Defense Industry Sewerage Facility Private Investment Business(BTO) in Siheung City	Siheung City	2014.03	2014.08
Detailed Design of Improvement Project(T/K) for Suwon 2nd Sewage Treatment Plant	Taeyoung Co., Ltd.	2014.01	2014.04
Detailed Design of Total Phosphorus Treatment Facility and Facility Modernization for Seonam Water Recycling Center	Daelim Industrial Co., Ltd	2013.10	2015.03
Detailed Design for Total-Phosphorus Treatment Facilities Construction (Advanced Treatment & Facilities Modernization) of Seonam Water Recycling Center	Daelim Industrial Co.,Ltd.	2011.12	2012.03
Basic Design for Reprocessing Water 2nd Phase Construction of Songdo STP in Incheon City(T/K)	Shindongah E&C Co.,Ltd.	2011.09	2011.12
Detailed Design for Broadband Mechanical Biological Treatment(MBT) Facilities Construction in Muju-gun and Jinan-gun(T/K)	Hyosung Ebara Engineering Co., Ltd.	2011.01	2011.12
Basic Design for Broadband Mechanical Biological Treatment(MBT) Facilities Construction in Muju-gun and Jinan-gun(T/K)	Hyosung Ebara Engineering Co., Ltd.	2010.10	2010.12
Basic Design for Total-Phosphorus Treatment Facilities Construction of Shincheon STP in Daegu City(T/K)	Daelim Industrial Co.,Ltd.	2010.11	2011.04
Basic Plan for Broadband Mechanical Biological Treatment(MBT) Facilities Construction in Muju-gun and Jinan-gun(T/K)	Korea Environment Corporation(KECO)	2010.04	2010.07
Basic Design for Sludge Treatment(Incineration) Facilities of Cheongju STP (T/K)	Taeyoung Co.	2009.12	2010.03
Detailed Design for Advanced Treatment & Facilities Modernization of Seonam Water Recycling Center (T/K)	Daelim Industrial Co.,Ltd.	2009.10	2010.04
Basic Design for Advanced Treatment & Facilities Modernization of Seonam Water Recycling Center(T/K)	Daelim Industrial Co.,Ltd.	2009.04	2009.09
Detailed Design for Seohochon Public STP in Suwon City(T/K)	SK E&C Co.,Ltd.	2008.07	2009.01
Basic Design for Water Quality Restoration Center & Clean Energy Center in Multifunctional Administrative City(T/K)	Daelim Industrial Co.,Ltd.	2008.10	2009.01
Detailed Design for Advanced Wastewater Treatment Facilities in Gyeongsan Industrial Complex(T/K)	Kolon E&C Co. Ltd.	2008.02	2008.08
Basic Design for Seohochon Public STP in Suwon City(T/K)	SK E&C Co.,Ltd.	2007.07	2008.09
Detailed Design for Advanced Wastewater Treatment Facilities in Jinju National Industrial Complex(T/K)	EFMC Ltd.	2007.01	2007.04
Complementary design for Advanced Treatment Facilities of Suwon STP (T/K)	Taeyoung Co.	2006.11	2007.01





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