

Hydro Technical Consultant

Company Profile

2025



HYDRO TOTAL SOLUTION PROVIDER

About us

"HTC designs the future of sustainable energy."

As a specialized company in the field of hydroelectric power generation, we are a Hydro Total Solution Provider responsible for the entire process of hydroelectric power plants from planning to completion. With over 30 years of experience in domestic and international hydroelectric power plants and a team of highly advanced technical experts, we have successfully completed various domestic and international projects and established ourselves as a trusted partner with innovative designs that satisfy both customers and the environment.

Mission

- Continue to expand customer and social value with the best technology
- Designing your future with possible developments
- Responsible Engineering Practices

Vision

"A better future with technology"

HTC goes beyond simply providing energy; together with our customers, we design a sustainable future where humanity and the environment coexist.

Company Information

1. Company History

2018.02 Established HTC Co., Ltd. in

2021.05 Registration of engineering activity entity No. E-09-005569

2022.03 Registration of overseas construction business No. 1209

2023.03 Opening of design office

2024.04 Registration of construction engineering No. Gyeonggi 1-2-1189

2. Industries and Sectors

- Industry: Services, professional, scientific and technical services, wholesale and retail trade
- Sectors: Building and civil engineering,

Geological survey and exploration, other natural science research and development, other engineering development and research, environmental and other engineering, Trade

3. Address

522 Glass Tower, 11, Seongnam-daero 916beon-gil, Bundang-gu, Seongnam-si, Gyeonggi-do

1409 Highfield B, 66 Bulmal-ro, Dongan-gu, Anyang-si, Gyeonggi-do

4. Company Department

Engineering Department

- Over 30 years of domestic and overseas hydro power plant design experience
- Drawing on a wealth of experience and knowledge to derive optimal solutions

Geotechnical Investigation Department

- Practical experience and expertise in a variety of environments both domestically and internationally
- Provide the best solutions to meet your needs

Business Support Department

- Overseas private investment business planning, development experience
- Contribute to value creation based on various experiences and development knowledge



What HTC do

Support for the entire process of hydroelectric power plant Planning → Design → Construction → Completion

- Design & Construction Support
- Review and technical consulting
- Overseas private power plant investment projects
- Feasibility studies and design (water resources development)
- Project surveying and civil design
- Dam safety enhancement project technology and alternative design
- Review of slope stability in wind and water hazard living areas

Planning and Investigations

- Geotechnical Investigations

Drilling investigation, field testing, indoor testing, physical exploration (seismic wave, electrical resistivity), surface geological investigation, material source investigation, PF technology due diligence, etc.

- Surveying

Satellite imagery surveys, unmanned aerial surveys, reference point surveys, GNSS and total station surveys

- Investigations

Flow and rainfall data investigation/analysis, manual and automated flow and water level measurement, floaters, sediment/water quality measurement and indoor testing

- Seismic Impact Review

Probabilistic and deterministic seismic impact review (D+PSHA), calculation of various seismic coefficients (OBE, DBE, MCE), including seismogram analysis and field survey (GPR, etc.)

- Transmission Line Investigation
System study, review of optimal connection route to the power grid

- Environmental Impact Study

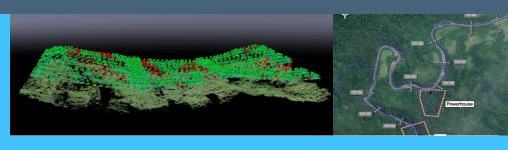
Environmental impact studies for hydropower plants and transmission lines

Performance

Business	Service Contract Name	Client
2024.05 - 2024.11	Ground, Survey and Environmental Investigation for the North Sumatra Siborpa Hydropower Project in Indonesia / KEITI	ISAN
2024.04 - 2024.11	On-Site Investigation for the Feasibility Study of the Didipio Hydropower Project in the Philippines	Yoosin
2023.10 - 2024.04	Design Services for the Construction of the Andong Dam Stability Enhancement Project	Namkwang
2023.11 - 2024.05	Technical Support Services for the Bid of the Siborpa Hydropower Project in Indonesia	ISAN
2023.08 - 2024.02	Feasibility Study of the Sierra Water Supply Project in the Phillipines / KIND	KECC
2022.04 - 2023.07	Preliminary Feasibility Study for the Cinendang Hydropower Project	Posco E&C
2022.05 - 2023.07	Feasibility Study for the Tripa-2 Hydropower Project	ISAN
2022.07 - 2023.12	Detail Design Services for the Stability Enhancement Project of Juam Dam	Yongma Engineering
2022.07 - 2023.12	Feasibility Study (FS) Services for the Samarkilang Hydropower Project / KEXIM	ISAN
2022.07 - 2023.11	Feasibility Study (FS) Services for the Kaperas Hydropower Project	ISAN
2022.07 - 2023.11	Basic Design Services for the Stability Enhancement Project of Juam Dam	Yongma Engineering



Business	Service Contract Name	Client
2021.07 - 2022.06	Feasibility Study (FS) Services for the Kaperas Hydropower Project	ISAN, KECC
2021.07 - 2022.06	Local Investigation for the Feasibility Study (FS) Services of the Flores Hydropower Plant / KEXIM	Yoosin
2021.02 - 2022.03	Hydrological Measurement and Survey for the Basic and Detailed Design of the Pilot Project for ICT-based Hydrological Measurement in Western Flores, Indonesia	Yoosin
2021.07 - 2021.10	Civil Engineering Design Services for the Tripa-2 Hydropower Project (EPC) Bid Design	ISAN
2021.03 - 2021.05	Feasibility Study and Design Services for the Construction Project of Samarkilang Hydropower Plant (T/L Capacity Review)	LOTTE E&C
2019.07 - 2021.02	Civil Engineering Design Services for the Bid Design of the Tripa-2 Hydropower Project (EPC)	ISAN
2020.04 - 2020.12	The Power System & Grid Interconnection Study Service for Pongkeru	Hyundai Engineering
2020.03 - 2020.12	Interconnection Study Service for the Lawe Alas Hydropower Project	SAMAN
2019.09 - 2019.12	Basic Design Services for the Pusangan IV Hydropower Project in Indonesia	ISAN
2019.06 - 2019.12	Interconnection Study Service for the Cinendang Hydropower Project	SAMAN
2018.10 - 2019.12	Alternative Feasibility Study and Bid Proposal Writing Service for the Pongkeru Hydropower Project	ISAN
2018.10 - 2019.12	Feasibility Study and Design Services for the Construction Project of Samarkilang Hydropower Plant	ISAN

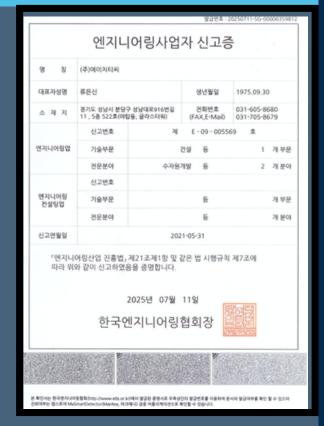


Certificates

Business license



Engineering Registration Certificate



Certification of International Contractor



Construction Engineering License

등목번호 경기1-2-1189호

건설엔지니어링업 등록증

상호 또는 법인명 : 주식회사 에이치티씨
영업소의 소재지 : 경기도 성납시 분당구 성납대로916번질 11, 5층
소 속 국 가 명 : 대한민국
성 명 (대 표 자) : 류운신 생년월일 : 1975년 09월 30일
전문분야(세부분야) : 설계·사업관리(설계등용역일반)*계획.조사·설계포함
등 목 연 월 일 : 2024년 04월 17일

[건설기술 진흥법] 제26조제1항에 따라 건설엔지니어링사업자로 등록하였음을 증명합니다.

2024년 4월 17일

경 기 도 지

Competitive Bidding Qualification Certificate



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			2024,06.22						



Why choose HTC



Possess professional skills with expertise and differentiated experience

-Abundant experience in designing and constructing domestic and international hydroelectric power plants -Experience in planning and designing overseas private power plant investment projects

-Experience in the entire process (planning → design → construction → completion)

2 A Trusted Partnership

- -Customized consulting to achieve your goals
- -Take responsibility and achieve results within the given time
- -High quality performance and risk minimization with abundant overseas business experience

Action

Carrying out projects with sustainability in mind
Designed with safety and reliability as top priorities
Providing differentiated engineering solutions



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📞 Telephone

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