YOUR PARTNER FOR PERFORMANCE
Guaranteed energy saving through system upgrades
Make the most of your energy

The solutions provided by TBA address your challenges head-on.

Are you concerned that electricity bills continue to rise? Equipment facilities in your place that are getting older and systems that are outdated? Problems related to lighting, pumping systems, humidity control or air circulation? Lack of centralized system access/remote system access? How do you become a “Go Green” company? Or even you are not alone. Around the world, companies like you face similar challenges and are always looking for new ways to overcome these problems.

If you could make your building work for you, you can pay for repairs during a long payback period. Are you interested? If so talk to the energy management experts at TBA. We can show you how to reduce energy consumption, improve over all building performance, and reduce your energy costs by up to 30 percent following a performance contract agreement.
Chiller Plant

Our Offering

- Highest chiller plant efficiency using Danfoss Turbocor compressor and Grundfos Distribution Pumping Solution
- Partnership for chiller plant performance
- Payment Scheme Option offering
- Building automation systems (BAS)
- Free design consultancy
- Chiller plant maintenance contract
- Remote energy monitoring (REM) for your utility facilities
- Electricity optimization within the entire HVAC system
- Automation solution and sequencing (PLC, Scada, BAS, HMI, Variable speed drive)

- Improvement of Chiller Plant Efficiency (Kw/RT)
- Performance Monitoring system
- EPC Project
- Pump and Chiller Skid System Fabrication
- Fire pump skid supply and installation
- Supply and install High quality grundfos pumps for cold and hot water application
- Supply and install waste water and flood control pumping station

Chiller Plant Topology

CONTROL PANEL
HMI Display
PLC
Relay & Contactor

RETURN
CHILLED WATER
P1
P2
P3

SUPPLY
MV1
MV2
MV3

MV4
MV5
MV6
MV7
MV8
MV9

CH1
CH2
CH3

CT1
CT2
CT3

Data Cable RS 485
Control Cable
Motor Power Cable
A performance contract combines system design, construction and commissioning together with savings guarantees which can ultimately fund the cost of performance improvement. And if you do not achieve the savings agreed upon, then TBA will pay the difference.

In addition, flexible financing options and the implementation of new or upgraded equipment will have a positive impact on your operations - and the environment. This is because buildings and systems that are more efficient produce energy savings, maximize energy efficiency, and increase the comfort level of its tenants.
All-in-one approach

- Energy / utility auditing and master planning
- Comprehensive energy management strategy
- Project design / development / installation / commissioning
- Performance guarantees
- Operator training
- Testing and Commissioning

The performance contracting life cycle

Smart buildings save energy

Efficient use of energy, water and other resources for New Building

A green building is a construction that reduces or removes negative impacts in its design, construction or service, and can have positive impacts on our climate and natural environment. Green building, or sustainable design, which buildings and their sites use energy, water, and material sand reducing the impact of a building’s entire lifecycle on human health and environment.

Our team of experts will support you to through water-saving technology and energy selected reliable product partners.

New facility. Given that buildings consume a buildings comprise the largest segment of the built environment, it is important to reduce energy consumption and the cost of cooling and lighting buildings. But energy conservation is not the only reason for retrofitting existing buildings. The objective should be to create a high-performance building by applying the integrated, comprehensive design process to the project during the planning phase, which ensures that all key design objectives are met.

Our collaborative project team will find the best design approach to achieve the objectives. Doing so will mean that the building will be less costly to operate, will increase in value, last longer, and contribute to a better, healthier, more comfortable environment for people in which to live and work.
We deliver enduring performance
Lock in energy savings for any building

A big factory in an industrial area in Karawang – PT Philip Morris Indonesia (PMID) and PT HM Sampoerna Tbk (HMSP) – entered into performance contracts with TBA in 2017. Both contracts were resounding successes.

In 2017 this forward-looking company turned to TBA again for assistance with the design and construction of all of their existing facilities. What emerged from their initial discussions was an innovative approach – a performance contract.

With a performance contract, we assists you in selecting the right systems and then designing them to optimize energy efficiency. After overseeing the implementation, we monitors your energy use, savings and systems performance.

Bottom line – a performance contract locks in energy savings and assures execution of the proper systems design, installation and commissioning.

Measurable results of the system
• Guaranteed energy savings
• Centralized / remote access and control
• Smooth systems integration
• Enhanced system performance
• Long-term sustainability

Apart from offering the solution to the new building with the Grundfos Solution using the TPE and Magna 3 setup and promise to reduce significant operation cost reduction. Therefore, the ROI will be achieved in around 3 years. This is our strong sales argument we are promoting to premium building owners. This is our main purpose.

"With a our performance contract, you can retrofit an existing building or a new one with optimal energy efficiency for a peace of mind!"
Services we offer

We provides its customers with a dedicated team of service technicians and specialists who are committed to providing quality excellence with any manufacturer’s products. Operating primarily in the Greater Jakarta and throughout Indonesia, we are available 24/7 to help you manage all your maintenance requirements efficiently and effectively. Please do not hesitate to contact us.

Commissioning
To achieve the perfect system balance and ensure you get the highest quality experience from your pump solution investment, it is important to get the pump(s) correctly commissioned. By choosing an expert such as the Our Service, you have the assurance that a lot of things that are capable of going wrong with complex systems will operate effectively and efficiently.

Energy consumption analysis/audits
The review of installed products and installations can provide a great opportunity for saving energy. This is because most of the products currently installed are not suitable for the work at hand, often using more energy than they should.

Fire Pump System
Reliability and optimum performance are key for anyone using and relying on fire pumps to supply any sprinkler system. We can provide peace of mind and ease the ownership with the provision of: Servicing (diesel, electric and combinations); testing and system testing; commissioning; installation; general maintenance; workshop service; repair and overhaul and 24/7 call-out option.

Re-Commissioning
One aspect that has been recently highlighted as playing a very important role in contributing to a buildings energy use was for business to look at re-commissioning a buildings’ central plant equipment – such as the pumps and the chiller systems - at least every five years.

Recommended spare parts
When you need to purchase spare parts, our recommended spare parts provide you with additional quality assurance and are the best way to achieve results that will help to extend the service life of your product.

Remote monitoring
We offers various efficient and cost-effective Solution Management for Remote Monitoring system such as SCADA systems or similar. Our approach gives you a little extra insight into the accurate performance data of your system at a very low cost and with complete system safety and reliability.

Service agreements
This goes without saying that once you have bought your products you want them to work efficiently and consistently - all day, every day. The most successful way to achieve this in the longer term is through a service agreement. It ensures that your pumps are operated to the highest standard, eliminates unscheduled downtime, increases performance and decreases energy consumption and running costs.

Workshop and On-Site repairs
We operates a series of regional repair facilities throughout Indonesia. These work shops are controlled to meet the great standard of service, by a dedicated team of experienced operatives.

Mobile Control
Mobile control and monitoring of entire pumping/systems.
Choose with confidence

Here’s just a sampling of why our *clients* choose to partner with *us*.

- **PT Sampoerna Tbk. (Karawang)** Installed in August 2018
- **DoubleTree by Hilton (Jakarta)** Installed in August 2018
- **HK Office Tower** Installed in October 2018
- **Transpark Cibubur** Installed in November 2018
- **Sudirman Sahid Apartement** Installed in August 2018
- **Horison Hotel Bekasi** Installed in March 2017
- **BICC Bandung** Installed in June 2019
- **IKEA Jakarta** Installed in May 2019
- **MM Hospital PT Sinarmas Medika TBK** Installed in November 2017
- **Central Park Jakarta** Installed in November 2019
- **PT. Asahimas Flat Glass Tbk** Installed in September 2019

*We deliver on our promise!*
Make the most of your energy partner with us

Since 2017 we had successfully completed several performance contracts.

Besides saving billions of rupiah for clients in Indonesia, our performance contract continues to have a positive impact on the environment. We have the expertise, experience and commitment to work with you at every step. And we have a successful track record to fulfill our promise to give the good attention you deserve with guaranteed comprehensive solutions and energy savings.

Contact us now, and let’s talk about your building’s performance goals.

Supported by:

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Akte Pendirian
Notaris: Kuringin Astrini, S.H., M.Kn.
Nomor: 01
Tanggal: 04 Januari 2017
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Tahun 2012

Surat Keterangan Domisili Perusahaan
Nomor: 503.EK/10/KL.MM
Tanggal: 13 Januari 2017

Tanda Daftar Perusahaan (TDP)
Nomor: 102616808423
Tanggal: 24 Februari 2017

SIUP
Nomor: 510/PM/150/DPMPTSP.PPJU
Tanggal: 24 Februari 2017

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Certifications: