PT. TENSIKINDO KREASI NUSANTARA
ISO 9001:2015 | Certificate Number: IR/QMS/00120

Post Tensioning | Stay Cables | Form Work
Bridge Bearing & Expansion Joint | Repair & Strengthening
Heavy Lifting | Specialist Engineering Services

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PT. TENSINDO KREASI NUSANTARA as one of the subsidiary of PT. Mitra Struktur Teknologi, was established as a specialist company in the field of construction, especially pre-stressing with a strong motivation and commitment to meet customer's needs and satisfaction.

With the believe that continue to be provided in the management of projects, the current TENSINDO and growing and continue to contribute to national development.

With an extensive network, professionalism and commitment over each serving and supported by a team with high competence in the field.

TENSINDO believed capable of providing a quality service, consistent and have added value for the achievement of common goals.

In achieving its objectives, TENSINDO embrace and cooperate with several international partners who are experienced in the world of special construction combined with engineering capabilities and product quality our partners.

With a strong reputation for reliability, professionalism and innovation, partner systems we have successfully worked on numerous projects, including bridges, buildings, tunnels, ports, dams and nuclear power plants as well as with supporting equipment infrastructure development such as: segment assembly, rating form, tunnel lining trolley, girder box, small box girder, launching girder, moving support system, heavy steel structures, integrated lift - up formwork system for tall buildings over the last ten years took part in the development of infrastructure development in Indonesia.
POST-TENSION SYSTEM

We offer not only the best solution but also the post-tensioning innovative construction techniques, designed to improve the safety of the site, save time, improve durability and reduce costs is a superior economic solutions without losing the aesthetic value.

Post-tension system we have designed, manufactured and installed for durability in accordance with international standards and guidelines for the approval of the new structures and existing, with the purpose to provide optimal solutions for customers.
MATERIAL POST-TENSION SYSTEM

PRODUCTS COMPLY WITH GB, ASTM, AASHTO, JIS, BS, FIP, ETA
MATERIAL ANCHORAGE

M13A – 12
M13A – 19
M15A – 7
M15A – 19
M13A WEDGES
M15A WEDGES
DUCTING MATERIAL

DUCTING DIA. 70 MM
DUCTING DIA. 75 MM
DUCTING DIA. 85 MM
DUCTING DIA. 90 MM
DUCTING DIA. 95 MM
DUCTING DIA. 85 MM
DUCTING DIA. 100 MM
DUCTING DIA. 105 MM
EQUIPMENTS

- JACK YCW 350B
- JACK YCW 400B
- HYDRAULIC PUMP ZB4-500
- GROUT PUMP
STAY CABLES

Stay Cables technology we have used in more than one hundred bridges in the world.

This system meets all the criteria of modern live wires in terms of material strength, corrosion protection anchorage, 3 layers of rust protection at the individual strand, reducer, precision in system installation and maintenance of the system is simple.

With this system, the replacement of the strand can be done without removing the cable as a whole.

The first layer of corrosion protection for the cable strand in our stay was epoxy coating. Strand coated galvanized coating is also available. The second layer is a special candle, and the third is the protection of HDPE pipe extrusion. This protection ensures the reliability of the performance of the cable stayed during his life.

Included in this system is a system extradosed cable stay is suitable for bridge medium-span.
LIST of EXPERIENCE

Stay Cable Jembatan
Aji Tulur Jejangkat - Melak
LIST of EXPERIENCE

Stay Cable Jembatan
Aji Tulur Jejangkat - Melak
LIST of EXPERIENCE
Stay Cable Jembatan
Batu Rusa - Pangkal Pinang
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Batu Rusa - Pangkal Pinang
LIST of EXPERIENCE
Stay Cable Jembatan
MERAH PUTIH - AMBON
FORM-WORK & DESIGN

We provide formwork engineering and structural design of the formwork services for all types have been implemented well in Indonesia and several countries in Asia.

Our expertise covers the formwork engineering and proprietary system design, system specially designed and built a working system. We also specialize in wall formwork, cores, slabs, beams, bridges, pier column, pier head buildings and other structures.

We offer the engineering and design of the formwork for all types of construction projects. Our team of experts specialized construction also working with manufacturers and suppliers to help you determine the best materials and designs for custom forms.
BEARING & EXPANSION JOINT

With the extensive experience we offer services of design, manufacture, supply and installation of systems and expansion joint bearing structure for the application load on the bridge construction.

The products we offer have met all the requirements of industry standards and security for the state road authority.
BRIDGE BEARING LRB
STRUCTURAL REPAIR & STRENGTHENING

For some reason, the structure becomes insufficient for the load after years of service: load growth (volume of vehicles on the bridge or visitors in public buildings), aging of materials, damage due to excessive load experience, false design or errors in construction. Both cases resulted in reduced (or eliminated) capacity and lifetime. In such cases it is more efficient to repair or reinforce the structure.

Improvements may consist of repairing or replacing the damage / inadequate structural parts. The main advantage of minimizing repair or localize the effects of damage. Only part of the damage to be considered during the repair. The techniques can also be designed to have minimal disruption to users. Wherever possible, the aim is that the activities in the building are not disturbed during repairs while restoring capacity building load.

Some techniques to strengthen the external pre-stressing, FRP lining, groutings, concrete jacketing, metal / steel sheet.
LIST of EXPERIENCE

Pembangunan Kereta Layang
KUALANAMU - MEDAN
LIST of EXPERIENCE
Pembangunan LRT JAKARTA
KELAPA GADING - VELODROME
LIST of EXPERIENCE
FLY OVER
CIPINANG-LONTAR JAKARTA
by CRANE
LIST of EXPERIENCE

FLY OVER CIPINANG-LONTAR JAKARTA
by CRANE
LIST of EXPERIENCE
FLY OVER
CIPINANG-LONTAR JAKARTA
by CRANE
LIST of EXPERIENCE
FLY OVER
CIPINANG-LONTAR JAKARTA
by CRANE
HEAVY LIFTING
by LIFTER
LIST of EXPERIENCE
SIMPANG SUSUN SEMANGGI
JAKARTA
LIST of EXPERIENCE
SIMPANG SUSUN SEMANGGI
JAKARTA
LIST of EXPERIENCE
SIMPANG SUSUN SEMANGGI
JAKARTA
LIST of EXPERIENCE
HEAVY LIFTING
by FORM TRAVELER
HEAVY LIFTING
AIR HITAM SAMARINDA
by HEAVY LIFTING JACK
LIST of EXPERIENCE
JALAN LINGKAR SALATIGA
LIST of EXPERIENCE

DOUBLE TRACK
CIKARANG - KROYA
LIST of EXPERIENCE

TOL BECAKAYU
TOL SOLO - KERTOSONO
LIST of EXPERIENCE
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SIMPANG SUSUN SEMANGGI JAKARTA