

# PBL GROUP NEWSLETTER



THE STRENGTH YOU CAN TRUST

Volume 1, Issue 1

March 07

## Message from the CEO

Dear Business Partners and Distinguished Clients,

During the last decade, post tensioning has been successfully used in Building and Civil Engineering applications in many parts of the world.

PBL Group as one of the numerous Post Tensioning specialists has extended its activities into the international sector in order to meet the growing demands of Post Tensioning technologies in many countries, in several parts of the world.

In order to keep up with the rapid growth, PBL has also successfully accomplished the use of PBL Post Tensioning technologies in remarkable projects in some countries namely the Hamad Medical City, Qatar or even with the PTI Awards, 2006 of the Shrewsbury School in Bangkok.

In order that such development of PBL Post Tensioning, which can yield a fruitful benefit to their activities and promotions in an efficient way, is updated to our business partners and distin-

guished clients, we have started the PBL Newsletter which will be published on a quarterly basis with an objective of publishing updates of the latest development of PBL activities and their system. This would provide relevant information on our technology and developing pre-stressing technology as a whole.

We expect our partners and clients would enjoy this benefit from our Newsletter from time to time and wish them a successful year of operation.



Prapat Boonlualoah  
(CEO & MD)

## The First Publication



PBL has marked its post tensioning systems globally. Tendon installation in the Middle East.

The beginning of a New Year is definitely an auspicious date to start on the quarterly publication of the PBL Group Newsletter.

The Newsletter would aim at informing, educating and entertaining its readers on PBL Post Tensioning systems as applied worldwide. We would therefore be highlighting news-worthy issues such as recent project de-

velopment, researches, achievements, and events within the Bangkok Head Quarters and its world-wide partners and collaborators.

Tracing the path of PBL Group's world-wide network, one makes an intricate web around the planet.

Activities and operations started at the South Asian city of Siam and extended to the region prior to heading out into the deserts of the Middle East. With the vision of global outreach, this could only be considered as the beginning. The first step had been taken.

Through the quarterly publications, news and events during the course of this

expansion would be updated, thus enabling clients, collaborators and potential partners to be informed likewise.

This issue brings to focus, the recent achievements of PBL Group in 2006 as well as a glimpse of what is in store for the year ahead.

Your contributions in the form of news articles to this publication is anticipated in order to make it a success.

The entire management and staff of PBL Group wishes all readers a prosperous New Year.

Nadeera Rangika  
(Editor)

## Look out for the upcoming publication

- LATEST PT DESIGN TECHNOLOGIES
- SEMINARS AND WORKSHOPS
- STATE-OF-THE-ART DESIGNS
- NEWS AND EVENTS FROM GLOBAL PARTNERS
- FEATURES AND SPOTLIGHTS

## Inside this issue:

2006 PTI AWARDS	2
600,000 SQ. M. OF FLOOR SLABS	2
PBL GOES GLOBAL	3
E-FORCE ENGINEERING PTE LTD.	3
JORDAN CREATES PT AWARENESS	4
A GLIMPSE AT EPT	4

## The 2006 PTI Awards



Receiving the Plaque on behalf of City Realty: Robert Phillip Holmes, Prapat Boonlualoah, Vivat Suthiphongchai and Kong-sak Imraporn (Left to Right)



PBL Group Ltd. was internationally recognized, through its works at the Bangkok City International School (a.k.a. Shrewsbury International School), Bangkok and awarded a prize in the 'Buildings' category at the 2006 PTI Awards held in Nevada early this year.

The winners were selected by a jury of distinguished professionals and the entry was awarded based on creativity, innovation, ingenuity, cost effectiveness, functionality, constructability and aesthetics.

A formal presentation of the Awards to contributing parties was made on 21 December,

2006 at the Grand Hyatt, Bangkok. Present at the occasion were representatives of PBL Group Ltd., City Realty, Thai Hazama and SAI Consultants.

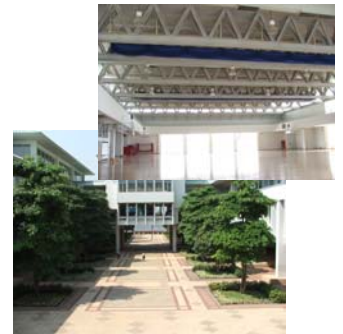
For the past decade, PBL has been a professional member of the Post Tensioning Institute (PTI), a U. S. based technical institute aimed at expanding quality post-tensioning applications through research, code development and marketing. It is therefore in the forefront of facilitating new innovations of post-tensioned, prestressed concrete design and construction.

PTI recognition therefore strengthens the commitment of PBL Group Ltd. to provide quality services to our clients and demonstrates that we have incorporated quality and state-of-the-art post-tensioning applications into the structural world of

buildings.

The Bangkok Post carried this same article on December 28, 2006.

In the future, PBL intends to propose its other on-going unique state-of-the-art design and construction projects within the region and beyond. It therefore aims to make all future projects an Award winner based on any regional or international standards and criteria. This now forms part of the vision of PBL Group Ltd.



External Walkway (bottom) and Gym (Top)

## 600,000 sq. m. of Floor Slabs



The Hamad Medical City, Doha, Qatar.

An event which made a mark in 2006 was the spectacular and glorious Doha Asian Games 2006. A greater part of the infrastructure was the Hamad Medical City, a part of the Asian Games Village.

PBL Post tensioning system was used in over 600,000 sq. meters of floor slabs.

The designs of the HMC was

peculiar and unique for each zone and building therein. The PMR building, for example, is one such instance in which the feasibility requirement of very long clear spans have been taken care of by the PBL Post Tensioning Systems and satisfying the design requirements as per ACI 318-2003.

Despite the radiating heat and the pressure of the target completion dates, the project came to a successful closure after almost 2 years of professional service to the Middle East State of Qatar.

The Hamad Medical City included:

- Hospital Building
- Central Energy Plant
- Ministry of Public Health
- Nurses and Married Couples Staff Quarters



".. RADIATING HEAT AND PRESSURE OF TARGET COMPLETION DATES.."

## ... 600,000 sq. m.

The above-mentioned buildings were completed at different stages and time periods and all were commissioned for the main event by December, 2006.

Design and drawing production was under a tight schedule and scrutiny as it was carried out both at Headquarters in Bangkok and on-site Design Engineers in Doha.

At the time of operations, PBL Qatar took up other

projects within Doha such as The Museum of Islamic Arts, which was also carried out as an accelerated project.



As-built for the 2006 Asian Games



## PBL goes Global...

The year 2006 saw PBL Group extend its global network within certain regions.

Earlier within the year, E-Force Engineering Pte Ltd. was inaugurated with its headquarters at **Singapore** and currently, through its network, it has already established itself not only within the region but also beyond. Under the leadership of its Managing Director, Patrick Woo, E-Force would be making a signifi-

cant mark in providing Post Tensioning services this year. The office is located at Block 8 Jalan Kukoh #03-37 Singapore and all enquiries can be directed to [enquiry@e-force.sg](mailto:enquiry@e-force.sg) or call (65) 6887 5385.

Elsewhere in **Jordan**, Eng. Omar Sheikh Al Ard is leading the PBL Group' subsidiary with potential extensive PT works, especially through notable development projects of bridges and expressways. The Jordan Scaf-

olding Company is located at Shemeisani, Abdul-Hamid Sharaf Str., Amman. They could be contacted through (962) 6 5699 737 or (962) 6 5687 561 or via e-mail at [omarsh@wanadoo.jo](mailto:omarsh@wanadoo.jo).

In **Iran**, Dr. R. Kazemi is the Chairman of the Board of Pars PBL, located at Unit 4, No. 56, 24m Blvd. Saadat Abad, Tehran 19977-5-2731. Further information can be obtained at [www.parspbl.com](http://www.parspbl.com).



Standing tall in Cambodia, the OCIC Tower.

## E-Force Engineering Pte Ltd.

E-Force Engineering Pte Ltd. was incorporated in April 2006 primarily to provide design, supply and installation of post-tensioning works for both building and civil works. With a dedicated and competent team, E-Force is aimed to achieving excellence as a post-tensioning specialist.

The key management team is composed of highly competent personnel:



Patrick Woo  
Managing Director.



N. Surendren  
Technical Director.



Kelvin Tee  
Operations Director



Er Vincent Phang  
Regional Director

E-Force aims to become the preferred partner to its clients, with a strategy to stay competitive by providing its clients an economical and effective solution for their projects.

“... DEDICATED AND COMPETENT TEAM AIMED AT ACHIEVING EXCELLENCE AS POST TENSIONING SPECIALISTS...”



**PBL Group Ltd.**

THE STRENGTH YOU CAN TRUST

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## Jordan Creates PT Awareness



Display at the 3rd Arab Structural Consultants Conference



Booth Displaying PT Works and Equipment

Shortly after being incorporated, Jordan Scaffolding Company (JSC) led by Eng. Omar Sheikh Al Ard, gave an educational seminar, titled "Design and Construction of Post-Tensioned Concrete Structures, at the 4th Jordanian Civil Engineering Conference, which was held in Amman, from 10 –13 April, 2006 at the Radison SAS Hotel, Amman.

Eng. Omar did not stop his campaign on creating awareness there but further lectured again at the 3rd Arab Structural Consultants Conference held from 11–13 December, 2006. At both conferences, renown international researchers introduced their studies and

papers. Representing both Jordan Scaffolding Company and PBL Group on both occasions, which was attended by Engineers from Jordan and its neighboring Arab countries, Eng. Omar introduced post-tensioning by elaborating on its advantages, design and applications.

It is worthy to note that Jordan is now going through an era of construction and real estate development boom. Several investment companies have already started their own projects and are willing to expand.

Jordan's secure atmosphere and stable economy along with its conventional laws are continuously attracting such investors from all Arab and foreign countries to invest in Jordan.

Earlier this year, on 3rd February, Mr. Prapat Boonlualoah gave a seminar which addressed an audience of over 100 distin-

guished personnel at the Le Meridien, Amman.

On occasion to grace the Opening Ceremony was H.E. Mr. Wiboon Khusakul, Ambassador Extraordinary and Plenipotentiary, The Royal Thai Embassy in Jordan.

The Seminar included a detailed technical presentation on general post-tensioning design and an insight into some of the outstanding completed and on-going projects, with special references to high-rise building and bridge' construction.



Guests in attendance at the Le Meridien, Amman

## A Glimpse at EPT



Work in progress under Arabian Suns, U. A. E.

Emirates Post Tension based in U.A.E. has been making its mark in PT for the past 4 years with the successful completion of almost forty (40) projects.

The Towers A, B and C, as it is popularly referred to, stands out marking the horizons of the City. The following shows some of the stages of its construction.



Above and Left: Work in progress at Suwaidan Towers A, B and C, Sharjah.



Commercial and Residential Building for Dubai Islamic Bank.