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# BULLETIN

## Managing Director's New Year Message



Mr Seiichi Daita, Managing Director/Chief Executive Officer

Dear colleagues and friends of JEL,

During this time last year, my direction for you was continued growth, achieve higher sales and profit, and to maintain our “zero accident” safety record despite all the challenges that lay ahead.

Even though 2009 had been a relatively good year for us, I was confident that with your continued support and commitment, we would do even better in 2010. Bolstered by a quick economic recovery in 2010, I am proud to announce that we have succeeded in surpassing our 2009 performance. In fact, we not only met, but have even exceeded our forecasted sales and growth target for 2010. However, we should not be complacent and shall work towards maintaining our growth target of 7% for this year.

We have also managed to maintain our “zero accident” safety record for 2010, and shall continue doing so. We must continue to be vigilant at work sites at all times and uphold the highest safety standards to maintain this safety record.

This year, my direction for you is to strengthen our capabilities and resources in the engineering and maintenance services, and also to strengthen our presence in new and existing territories. With the proper mindset, I am confident that we will be able to achieve our targets and overcome each and every obstacle along the way.

I am aware that without the support and commitment of our clients, partners and most importantly your effort, our targets would not have been achieved. I thank all of you for your continued support, commitment and effort.

I am happy to share this achievement with all of you and let us not forget to continue to work harder towards a better year ahead.

I wish you all good health and a happy, prosperous and productive 2011.

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# JEL Clinches Rojana SPP and Rojana Phase 5 Power Projects

On 20 July 2010, the Consortium consisting of IHI Corporation (“IHI”), Jurong Engineering Limited (“JEL”) and Thai Jurong Engineering Limited (“TJEL”) successfully secured two EPC (Engineering, Procurement and Construction) contracts from Rojana Power Co. Ltd. (“the Owner”).

The first EPC contract is for the Rojana SPP power plant, designed with a configuration comprising two LM6000PD Gas-Fired Turbines, two Heat Recovery Steam Generators and one Steam Turbine, supplying 90MW of electricity to the national grid. A balance of 32MW of electricity and processed steam will be supplied to users within the industrial park. The second EPC contract is for the

Rojana Phase 5 power plant, designed with a configuration comprising one LM6000PD Gas-Fired Turbine and one Heat Recovery Steam Generator, supplying 44.4MW of electricity and processed steam to customers in the industrial park. Both power plants are located in the Rojana Industrial Park, in Ayutthaya, Thailand.

JEL’s relationship with the Owner has come a long way since 1999, when it first completed the Rojana Power Plant Phase 1 project. Thereafter, the Consortium was awarded contracts by the Owner to continue with the Phase 2, Phase 3 and Phase 4 extensions, which were duly completed in 2004, 2006 and 2009 respectively. Needless to say, the Owner had entrusted the completion of the Phase 2, Phase 3

and Phase 4 extensions to the Consortium because they were impressed with the ability of the consortium partners. It also demonstrated the confidence the Owner has in the capability of IHI Corporation taking the lead.

Both the SPP and Phase 5 projects are scheduled to kick off almost simultaneously in early 2011 and are expected to be completed by March or April 2013.

Over the years, both JEL and TJEL have established themselves as one of the leading and trusted power plant erectors in Thailand. With the combined expertise, experience and commitment of the Consortium team, both projects are expected to be completed within schedule and without much difficulty.

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## IHI Corporation Congratulates the Chairman of JEL



On 24 September 2010, Mr H. Hamamura, the President of Energy Systems Operations at IHI Corporation, Japan — on behalf of Mr Kazuaki Kama, the President of IHI Corporation, Japan — presented a beautiful gold-plated Japanese plate to Mr Bob Tan Beng Hai, Chairman of Jurong Engineering Limited.

IHI had shared the special occasion together with the Board and Management of JEL in congratulating Mr Bob Tan on being conferred the Bintang Bakti Masyarakat (BBM) – Public Service Star Award, by the President of the Republic of Singapore during the 2010 National Day Awards.



JEL Chairman, Mr Bob Tan (centre), and Mr H. Hamamura (right) together with the JEL Board of Directors and Management staff on the presentation day



# Contract Signing Ceremony at JEL Head Office for the SULB DR Plant Project for Civil and Building Works



Mr Seichi Daita and Mr Hirose concluded the contract signing with a firm handshake

In September 2010, JEL's Civil Division secured a project from KOBELCO (KSL) for the SULB DR Plant project in Hidd, Bahrain, under United Steel Company (SULB).

The SULB DR Plant project was secured after JEL's successful completion of civil and building works, and M&E erection works for the Pelletising Plant 2 project at the same location, under KSL and the owner of GIIC (Gulf Industrial Investment Company).

The formal contract signing ceremony was organised on 16 September 2010 at the JEL head office. Mr Hirose, KSL's Procurement Manager, and Mr Seichi Daita, JEL's Managing Director, signed the contract amidst an atmosphere of great pride and applause from JEL staff attending the ceremony.

The negotiations before the award of the contract were very tough because there were potential local competitors. However, despite these competitors having worked previously with KSL on various similar projects in Oman and Qatar, JEL was awarded the contract.

JEL's scope of work for the SULB DR Project is for the construction of civil foundations including piling works, building works, building services and infrastructure works. The scope also includes the supply of all civil and building materials. The total volume of concrete is about 37,000m<sup>3</sup> and the total quantity of reinforcement bars is about 3,500 tons.

The project site is situated in the Hidd Industrial Area under the Muharraq Municipality. The project duration is 26 months from September 2010. During

the peak of construction work, the total manpower will reach 450 persons from various countries.

With JEL's experience in the steel plant industry, strengthened by its recent accomplishment in DR projects in Oman, Qatar and the Pelletising Plant project in Bahrain, JEL is fully confident to complete the work in accordance with the project schedule and specifications.

After the award of the sub-contract for SULB in September 2010, a Groundbreaking Ceremony was successfully executed by JEL and KSL on 30 September 2010. The owner, SULB, was invited for the ceremony.

The ceremony began with an opening speech by KSL's Site Manager, Mr Kondo; followed by speeches by KSL's Project Manager, Mr Miguchi, SULB's General Manager, Mr Noureldin, and JEL's Project Manager, Mr Sim Siang Huat.

As is the custom, two goats were sacrificed prior to the groundbreaking.

The grand finale of the ceremony was when Mr Noureldin, General Manager of SULB, switched on the pile drilling machine to signify the start of construction work.

Although the sub-contract was only awarded in early September 2010, JEL has already mobilised their piling sub-contractor within a short time in order to meet the project commencement date. The test pile installation work commenced on schedule on 2 October 2010; and currently the piling works are progressing well.

JEL's big challenge in Bahrain is the extreme hot weather in summer. However, with its past experience in the Middle East region, JEL is confident that the unfavourable conditions in this project will also be managed well.

JEL had successfully completed the Pelletising Plant project last year for KSL at the same location, and had met all expectations in terms of project schedule and quality of work. With the SULB DR Plant project, JEL has the opportunity to prove once again that it is a strong player in the construction of steel plants that not only considers quality, but also takes site safety seriously.



Groundbreaking Ceremony for the SULB DR Plant Project in Bahrain

# Sabiya Combined Cycle Gas Turbine (CCGT) Project – The Continual Presence of JEL in Kuwait



Pipe Rack Steel Structure and Piping Installation at the Sabiya CCGT plant

JEL's scope of work for the ongoing Sabiya 2,000MW CCGT Project comprises the erection of Mechanical Equipment (BOP) and the installation of Pipe Rack Steel Structure and Piping. Phase 1 of the power plant producing 1,200MW (open cycle) will be in operation in June 2011 and thereafter Phase 2, producing 800MW (combined cycle), will be in operation by December 2011.

Our project team's dedication, hard work and commitment are the key factors that contributed to the successful completion of works in this fast-track project with a high degree of quality and safety standard, despite the many challenges, trials and difficulties faced.

In spite of JEL's Kuwait operation being comprised of different nationalities, cultures, ethnic groups, and religions, etc., we were able to stand united and earn the respect of our client. The President/Chief Executive Officer of our client, Hyundai Heavy Industries (HHI), has recently awarded JEL with a "Certificate of Performance" acknowledging JEL's good safety records, dedication and excellent performance in this Project.

It is testimony of the high regard and confidence our client has in us as we secure for ourselves the opportunity to be a partner with HHI in their future projects, and expand our future in the Middle-East region.





# JEL secures the Contract for Civil and M&E Construction Works including BOP for Nghi Son-1 Coal-Fired Thermal Power Plant Project (2x300MW) in Vietnam

After two years of follow up and negotiations with Marubeni Corporation on technical and commercial issues, JEL finally secured the civil and M&E construction works including BOP contract for the Nghi Son-1 coal-fired thermal power plant (2x300MW) Project in Vietnam in July 2010. The project site is located in the coastal area of central-north Vietnam in Tinh Gia District, Thanh Hoa province (200km south of Hanoi).

Marubeni Corporation (MC) is executing this project together with Foster Wheeler and Fuji Electric Systems for the Engineering, Procurement and Construction (EPC) portion of the contract. The Plant will consist of two (2) coal-fired boilers supplied by Foster Wheeler, two (2) steam turbines and generators supplied by Fuji Electric, a coal handling system, flue gas desulfurizer plants (FGD), and all necessary ancillary plant and

equipment.

JEL's scope includes civil and building works (land reclamation, piling, foundations, steel structure, roofing and cladding, buildings and building M&E services), and mechanical and electrical works for the Plant including BOP (hydrogen generation, lifting equipments, boiler elevator, HP piping, field erected tanks and painting material for FGD).

The project schedule is estimated to be around 39 months for the first unit and 43 months for the second unit from the contract commencement date of 22 July 2010. Works have since commenced in July 2010 and the Plant is expected to be operational in 2014.

Due to the project site's remote location, access to the site from the nearest domestic airport at Vinh City, which is about 80 km away, takes about 2 hours. Lately, due to the adverse weather conditions at the project

site, maintaining and keeping up with the project schedule has been a challenge. Moreover, food provisions and amenities are not readily available and are limited in Nghi Son. Currently, food is provided to expatriate staff staying at a small hotel located near the Nghi Son cement plant by the hotel itself.

At this initial stage, due to the small number of staff, the Civil team is able to stay at the said hotel; but as the number of staff increases during the peak period, food and accommodation will prove to be a challenge. In order to avoid unnecessary transportation of workers from camp to the project site, a plan to build a workers camp within the project site is in the pipeline, as there will be more than 3,000 workers working at the project site during peak time.

With the award of this contract, JEL has again established itself as a leader in power plant construction in Vietnam.



An artist impression of Nghi Son-1 Thermal Power Plant

# Standard Chartered Singapore Marathon 2010

## Three Participants from JEL Share Their Experience

### HASHIMOTO YOSHIHARU

I was fat three years ago. One day, I started jogging in to the hope of reducing my weight; and found that running was not only interesting, but also rewarding.

This is my fifth try running the Full Marathon (42.1km), and my first attempt in Singapore.

My best record is a time of 3hrs 6min in the 2010 Tokyo marathon. This time, however, my finish time was 3hrs 40min 16sec. This is by far my worst record, as it was very hot in Singapore that day (especially with my headgear). However, I still ranked a respectable 165th place out of 19,000 participants of the full marathon.

You might wonder why I wore a funny costume at the race. Well, it was because I knew that people would take notice and most likely cheer for a runner wearing a funky costume. It heightens my excitement when the attention is on me — and I am spurred to perform my best when the crowd cheers me on. I will try the Singapore marathon again next year, and my target is to finish the race in less than 3 hours.



Cheers to Mr Hashimoto, who placed 165th out of 19,000 participants

Our Managing Director, Mr Seiichi Daita, would like to encourage all staff to engage in such sporting activities, include exercise as part of their daily life, and to stay healthy always. Remember we can be busy and still maintain a healthy lifestyle.

### ALAN TAN BENG HOCK

During my younger days I disliked running. However, as I got older, I wanted to keep healthy and fit. I started running in September 2005 at the age of 50+. My first run was the 10km 2nd Link Bridge Run, where I came in with a time of 1hr 15mins. After that I signed up for the Standard Chartered Run every year. So far, I have taken part in the 10km (2005 to 2007), 21km (2008) and 42.1km (2009) run. For the 2010 marathon, held on 5th December, I took part in the 10km race, flagged off at Esplanade. The race started around 8.25am and the weather was very hot. Although the heat made it tough going, always remember that you can make it to the end point if you have the determination to push yourself to complete the race successfully. Do not worry about coming in last, as there are many participants that join the race for the fun of it, and will walk or jog behind you. Hope to see you all in next year's run.



Mr Alan Tan (left) and Mr Andy Chan (right) running in the marathon

### ANDY CHAN

This is my second marathon run. I hardly found time to train for this marathon and kept telling myself that this would be my last marathon; but perhaps this was just an excuse. However, during the run, I found that my passion for running had returned. I think that one is able to renew a lost passion for things when putting one's heart into doing it and taking it seriously. After completing this run, I feel like taking part in next year's marathon too. Anyone, care to join me?



## JEL Staff Party 2011

It was definitely a joyful night for everyone who attended the JEL Staff Party 2011, which took place at The Regent on 28 January 2011. This year the theme for our party was 'Magical Kingdom'. At the reception foyer, stalls were set up for tarot card reading and portrait drawing, which provided much entertainment for our staff.

The party started with an opening speech from our Managing Director, Mr Seiichi Daita.

Thereafter, staff were entertained with an energetic dance performance, which certainly helped liven up the atmosphere and elevated the party mood.

To kick-off a good start for the year, we all participated in the 'Prosperity Toss', or as the Chinese call it, 'Lou Hei'. The practice of tossing the raw fish salad or 'yu sheng' symbolise wishes for abundance, prosperity and vigour.

The base ingredients of various shredded vegetables and pickles were first served. The emcee then led diners in adding the other ingredients such as raw fish, crackers and sauces while reciting "auspicious wishes" as each ingredient was added. All diners then stood up and on cue, proceeded to use their chopsticks to toss the ingredients enthusiastically into the air, while saying various "auspicious wishes" out loud.

We then had our sumptuous dinner served in banquet style; and were kept entertained during dinner by the many fun games

that the emcee had prepared for us. The staff were very sporting and actively participated in every game. One of the entertainment highlights of the night was the magic show performance.

The exciting lucky draw segment was accompanied by shouts of delight and cheers interspersed with some groans as the prizes were snapped up one by one.

The night ended on a high note when all staff and guests raised their voices to proudly sing JEL's very own song and toasted to a wonderful year ahead.



Our Thai colleagues having a good time participating in the 'Lou Hei' or Prosperity Toss



A toast to a wonderful year ahead

# Adobo (Filipino Cuisine)



Adobo is an authentic and very popular Filipino dish with a unique cooking process. It is often mistaken as a Spanish or Mexican dish because the word “Adobo” in Spanish means “seasoning” or “marinade”. Although it may be considered a marinated dish, the Filipinos have a more specific way of cooking the dish. Basically, pork or chicken, or a combination of both, is slowly cooked in soy sauce, vinegar, crushed garlic, sliced onion, and pepper, and often pan-fried until the desired crisped edges turns brown.

Several experts in Asian food history have mentioned that the Filipinos were already cooking Adobo way before the Spanish colonization. It is said to be one of the earliest food preservation methods that originated from the northern region of the Philippines. As its primary ingredient is vinegar, which inhibits the growth of bacteria, the dish may be kept without refrigeration. The dish is normally served with rice as a daily meal or during celebrations.

## Ingredients:

- 1 kg chicken (or pork), cut into pieces
- ½ cup soy sauce
- ½ cup vinegar
- 1 whole garlic, minced
- 1 large onion, sliced
- 1 cup water (optional)
- 50gm margarine
- 2 pcs dried bay/laurel leaves (optional)
- Pepper (to taste)

## Cooking procedure:

1. In a large cooking pan, place the chicken in the marinade of soy sauce and vinegar, together with the garlic, onion, pepper, and water (optional).
2. Apply heat and simmer for about 30 minutes, or until the chicken is tender and the marinade is thickened. Turn off the heat and set aside.
3. Heat the margarine in a separate pan. Remove the chicken pieces from the marinade and pan-fry in the margarine until it is well browned. Return the chicken to the pan with the marinade.
4. Add the dried laurel leaves (optional).
5. Simmer the marinade and chicken again for about 10-15 minutes.
6. Serve hot with steamed rice.

(For best results, use a Philippine brand of soy sauce and vinegar)

## Lucky Draw

### Contest

We are giving away 5 Document Bags sponsored by JEL Maintenance Pte Ltd to the first 5 correct entries picked. We are also giving away 10 consolation prizes. Each consolation prize winner will each receive a Golf Umbrella sponsored by Jurong Construction Joint Stock Company.



Simply answer four questions and send your answers, together with your name and address to [dewie@jel.com.sg](mailto:dewie@jel.com.sg) or 25 Tanjong Kling Road, Singapore 628050.

(Hint: answers can be found in this issue.)

Name: \_\_\_\_\_ NRIC No.: \_\_\_\_\_

Address: \_\_\_\_\_

The questions for the contest are:

1. Why is Adobo (Filipino Cuisine) often mistaken as a Spanish dish and what is the primary ingredient used in this recipe?  
\_\_\_\_\_
2. JEL's relationship with Rojana Power Co. Ltd. (“the Owner”) has come a long way since the completion of the Rojana Power Plant Phase 1 Project. Write briefly why the Owner had entrusted the subsequent extensions to the Consortium consisting of IHI, JEL and TJEL.  
\_\_\_\_\_
3. Where and when was the contract signing ceremony for the SULB DR Plant Project held; and name the two officials who signed the contract?  
\_\_\_\_\_
4. When was the Groundbreaking Ceremony for the SULB DR Plant Project held and what was the grand finale of the ceremony?  
\_\_\_\_\_

## Contact

Marketing enquiries, comments and feedback should be addressed to the Corporate Affairs Division at [marketing@jel.com.sg](mailto:marketing@jel.com.sg)  
tel: 65 6265 3222 fax: 65 6265 9842



EDITORIAL TEAM: T. J. Khor, Tadanao Sato, Dewie, Steven Chia and Wong Kai Pheng.

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