

# PHILIPPINE REPORT

CONSTRUCTION MARKET  
QUARTERLY UPDATE

FIRST QUARTER 2016





## PROJECT FEATURE **SEDA LIO RESORT**

Seda Lio is Ayala Land's newest hotel-resort project. It is Seda Hotel's flagship resort in the 325-hectare Lio Tourism Estate in El Nido, Palawan.

Seda Lio will offer 150 rooms, but will only have three floors, a deliberate move to make sure it does not jut above the coconut treeline. It will also maintain over 75 percent of the site as open area, which will be landscaped with Palawan's endemic plants.

The hotel-resort will have a dedicated children's game room, expansive outdoor play area, and a 1,500 sq. m. swimming

pool and deck. Seda Lio beachfront resort is expected to be completed in 2017.

Rider Levett Bucknall Philippines, Inc. provided Full Quantity Surveying Services for this hotel-resort project.



## MARKET SUMMARY THE PHILIPPINE ECONOMY

### Philippine Economy Grows by 6.3% in Q4 2015; 5.8% in 2015

The Philippines' Gross Domestic Product (GDP) grew by 6.3 percent in the fourth quarter of 2015. While this is the highest quarterly growth recorded in 2015, it is still lower compared to the 6.6 percent posted in the same period in 2014.

The driver of the fourth quarter economic growth was the Services sector, which accelerated to 7.4 percent from 5.6 percent in 2014. The sector has contributed 4.1 percentage points to the overall GDP after its subsectors, led by Trade; Real Estate, Renting & Business Activities; and Other Services, similarly recorded a robust growth.

On the other hand, the Industry sector decelerated, posting a 6.8 percent growth in the fourth quarter of 2015 compared to 9.1 percent in the same period in 2014. The figure, however, is the highest quarterly growth the industry has recorded in 2015.

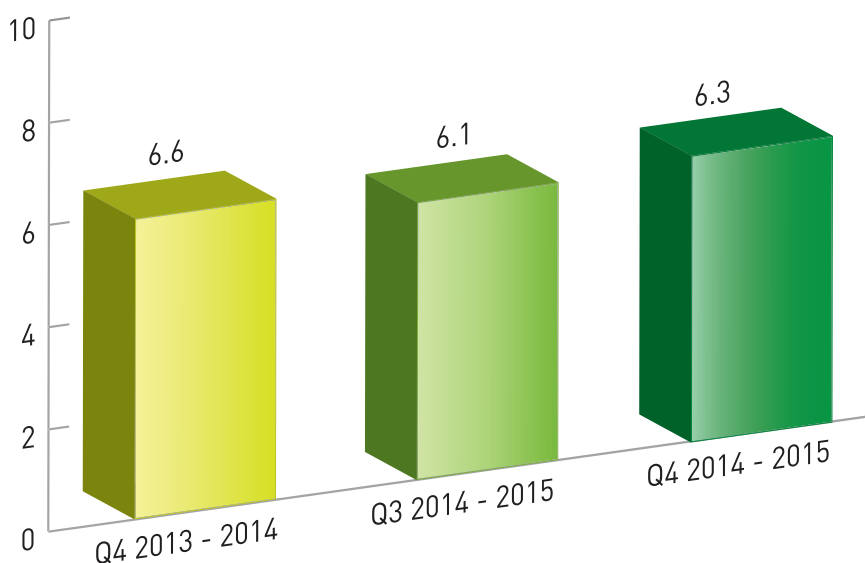
Agriculture, Hunting, Forestry and Fishing similarly fell, declining by 0.3 percent from the 4.2 percent growth it recorded in Q4 2014. Palay, Fishing, Corn, Sugarcane, and

Rubber pulled down the sector's growth.

The country's Net Primary Income (NPI) from the Rest of the World recorded a growth of 5.4 percent in the last quarter of 2015. This is an improvement from the 1.4 percent posted in the same period in 2014. The growth made way for the Gross National Income (GNI) to accelerate to 6.2 percent versus Q4 2014's 5.7 percent. On an annual basis, GNI slightly fell to 5.4 percent in 2015 from 5.8 percent in 2014, with NPI slowing down to 3.6 percent in 2015 from its recorded growth of 4.1 percent in 2014.

The fourth quarter GDP growth paved the way for the Philippine economy to record a growth of 5.8 percent for the whole year of 2015, which is lower than the 6.1 percent it posted in 2014. The Services sector remained to be the main driver of the economy with 6.7 percent from 2014's 5.9 percent growth. Industry and the entire Agriculture sector both decelerated at 6.0 percent and 0.2 percent from 7.9 percent and 1.6 percent, respectively.

Gross Domestic Product  
Year-on-Year Growth Rates, 2014 - 2015



### PHILIPPINES IN FIGURES

|  |          |
|--|----------|
| <b>Population</b><br>(accdg. to Q4 '15 GDP Report)         | 102.2M   |
| <b>Inflation Rate</b><br>(as of Apr. 2016)                 | 1.10%    |
| <b>Total Exports</b><br>(as of Mar. 2016)                  | \$4.61B  |
| <b>Total Imports</b><br>(as of Mar. 2016)                  | \$6.36B  |
| <b>Balance of Trade</b><br>(as of Mar. 2016)               | \$-1.75M |
| <b>Employment Rate</b><br>(as of Jan. 2016)                | 94.20%   |
| <b>Unemployment Rate</b><br>(as of Jan. 2016)              | 5.80%    |
| <b>Underemployment Rate</b><br>(as of Jan. 2016)           | 19.70%   |
| <b>Labor Force Participation Rate</b><br>(as of Jan. 2016) | 63.30%   |

Data source: PSA

## MARKET SUMMARY FOREIGN DIRECT INVESTMENTS

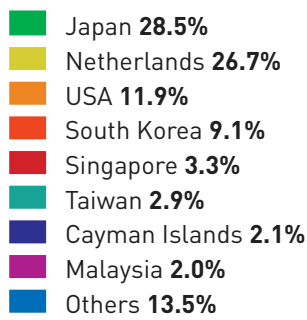
### Total Approved FI Expands by 45.6% in Q4 2015

Total Foreign Investments (FI) approved by the seven Investment Promotion Agencies (IPAs) in the fourth quarter of 2015 amounted to PhP 138.6 billion, 45.6 percent higher than the 95.2 billion recorded in the same period in 2014. For the full year of 2015, total approved FI reached 245.2 billion, higher by 31.2 percent from 2014's 187.0 billion.

The top three investing countries for the quarter include Japan, the Netherlands, and the United States of America (USA). Japan pledged to pour about 39.4 billion worth of investments or 28.5 percent share of the total FI commitments. The Netherlands committed PhP 37.0 billion or 26.7 percent, while the USA's investment pledges reached 16.5 billion or 11.9 percent of the total.

The Manufacturing sector received the largest amount of approved FI during the fourth quarter of 2015, with investment commitments valued at PhP 95.8 billion or 69.1 percent. Electricity, Gas, Steam, and Air Conditioning Supply occupied the second spot with pledges totalling at PhP 18.1 billion or 13.1 percent, while Administrative and Support Service Activities received PhP 14.3 billion or 10.3 percent share of the total.

#### Total Approved FI by Country of Investor Fourth Quarter 2015



Data source: PSA



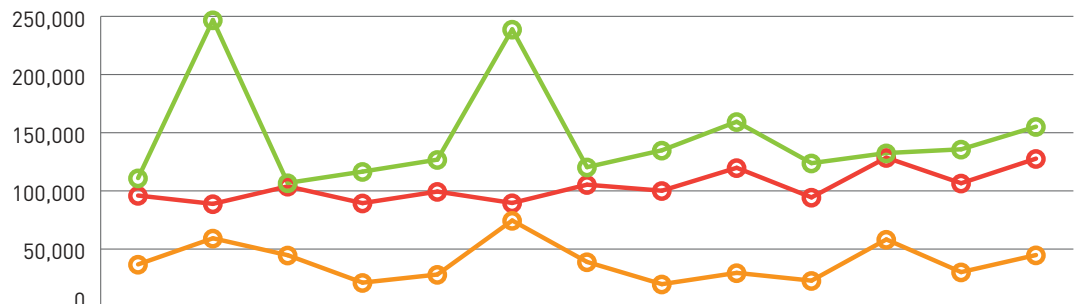
## PHILIPPINE CONSTRUCTION

### Construction Industry Decelerates to 8.4% in Q4 2015

The construction industry continued to grow slower in the fourth quarter of 2015. Data released by the Philippine Statistics Authority (PSA) showed that the industry posted an 8.4 percent growth, lower than the 17.9 percent it posted in the same period in 2014.

The sector's Q4 2015 growth was pulled down by the decline in private construction at 0.4 percent from 15.7 percent in 2014. Meanwhile, public construction recorded a robust growth at 51.0 percent versus Q4 2014's -6.2 percent.

#### Gross Value Added in Construction Q4 2012 - Q4 2015 At Constant 2000 Prices, In Million Pesos



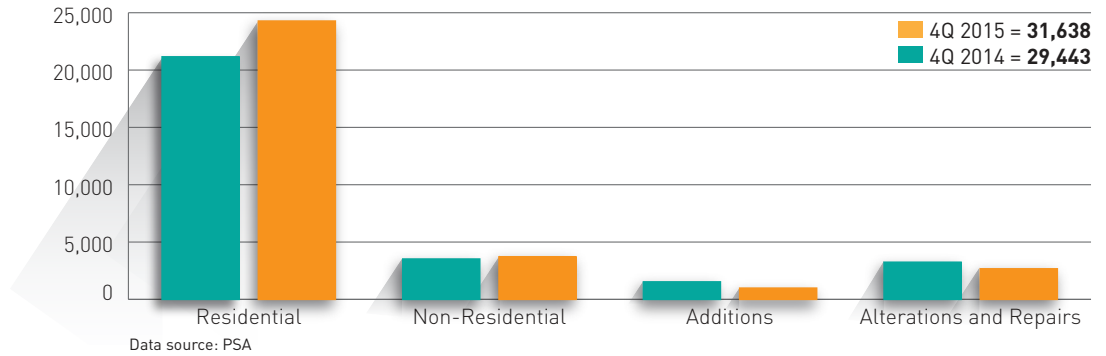
| Quarter | Q4 12   | Q1 13   | Q2 13   | Q3 13   | Q4 13   | Q1 14   | Q2 14   | Q3 14   | Q4 14   | Q1 15   | Q2 15   | Q3 15   | Q4 15   |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Public  | 36,830  | 59,274  | 44,731  | 21,153  | 28,121  | 74,556  | 38,949  | 19,835  | 29,549  | 22,865  | 58,269  | 30,212  | 44,866  |
| Private | 111,024 | 246,889 | 106,840 | 116,574 | 126,858 | 238,835 | 120,412 | 134,882 | 159,440 | 123,849 | 132,514 | 135,742 | 155,223 |
| GVA     | 96,014  | 88,850  | 103,908 | 89,479  | 99,419  | 89,625  | 105,342 | 100,162 | 119,849 | 94,432  | 128,588 | 106,592 | 127,725 |

Gross Value Added (GVA) refers to the total payment to factors of production, namely: wages, interest, profits and rents. It also includes capital consumption allowance and indirect taxes. It is also estimated by deducting from gross value of output the sum of non-factor cost such as raw materials and supplies, containers and packing materials, fuel, advertising and other non-industrial overhead cost.

MARKET SUMMARY PHILIPPINE CONSTRUCTION

Number of Construction Projects Increases Slightly by 7.5%

Number of Construction Projects by Type Fourth Quarter, Year 2014 and 2015



Total number of construction projects generated from approved building permits in the fourth quarter of 2015 reached 31,638, representing an increase of 7.5 percent compared with the 29,443 projects recorded in the same period in 2014.

Number of residential constructions in Q4 2015 rose by 14.7 percent to 24,274 from the 21,155 posted in the fourth quarter of 2014. The increase was driven by the construction of single-type houses, which increased by 25.4 percent, and other types of residential constructions, which rose by 69.6 percent.

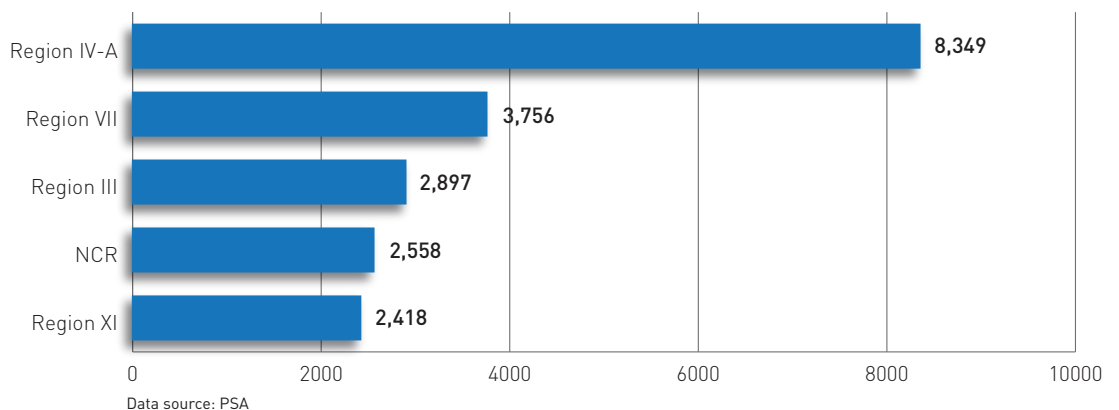
Non-residential construction projects similarly exhibited an upward growth in the fourth quarter of 2015, increasing by 5.6 percent to 3,717 from 3,520 in the same period in 2014. The growth was brought about by the rise in the construction of commercial buildings at 12.6 percent and other types of non-residential constructions at 143.8 percent.

On the other hand, addition to existing structures fell by 35.8 percent to 981 projects from 1,528 in Q4 2014. Alteration and repair likewise dropped, recording a -17.7 percent growth to 2,666 from 3,240 construction projects recorded in the fourth quarter of 2014.

Region IV-A CALABARZON occupied the top spot in terms of the number construction projects in the fourth quarter of 2015. The region has 8,349 projects recorded for the quarter, which accounts for more than one-fourth (26.4%) of the total. Region VII (Central Visayas) came in second with 3,756 constructions or 11.9 percent, while Region III (Central Luzon) secured the third spot with 2,897 projects or 9.2 percent.

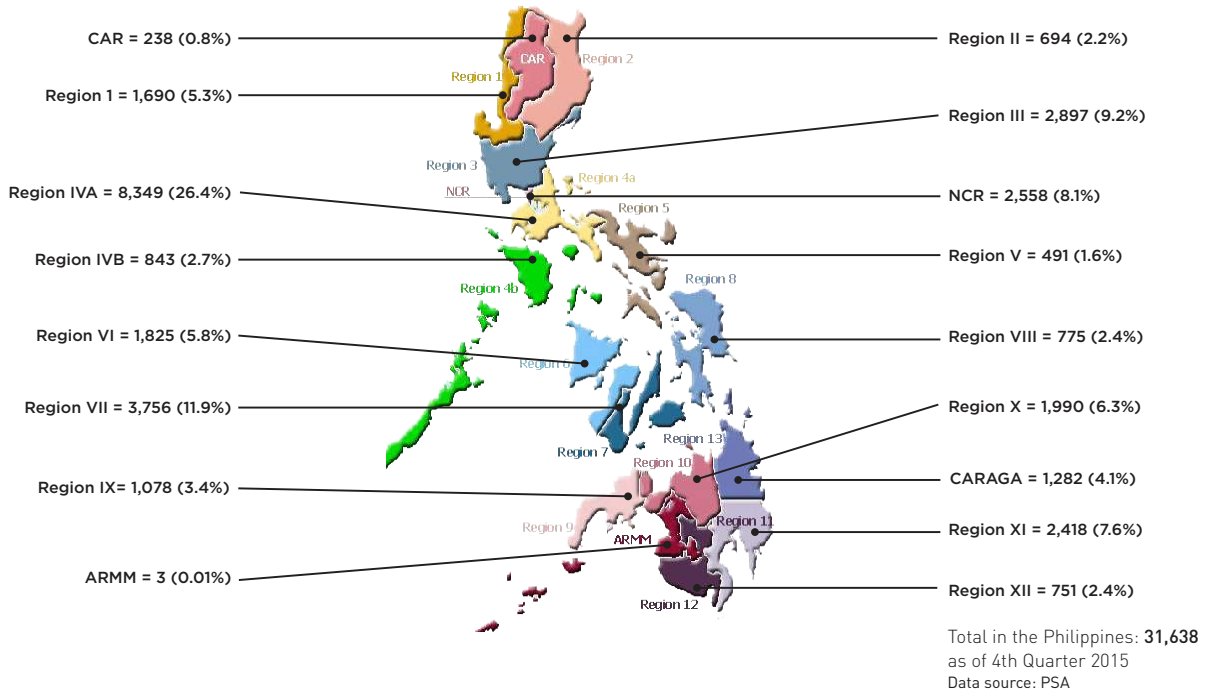
The National Capital Region (NCR) and Region XI (Davao Region) ranked fourth and fifth after registering 2,558 constructions or 8.1 percent and 2,418 projects or 7.6 percent, respectively.

Top Five Regions with the Highest Number of Construction Projects Fourth Quarter 2015

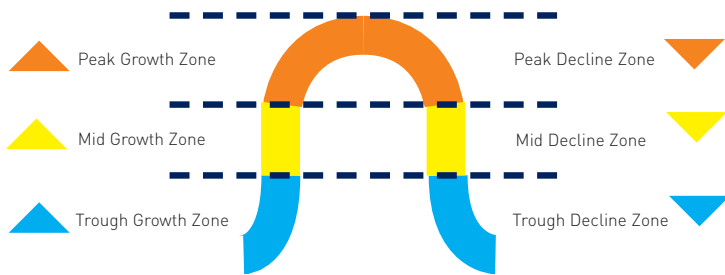


# CONSTRUCTION MARKET ACTIVITY

## DISTRIBUTION OF CONSTRUCTION PROJECTS BY REGION



## CONSTRUCTION MARKET ACTIVITY CYCLE



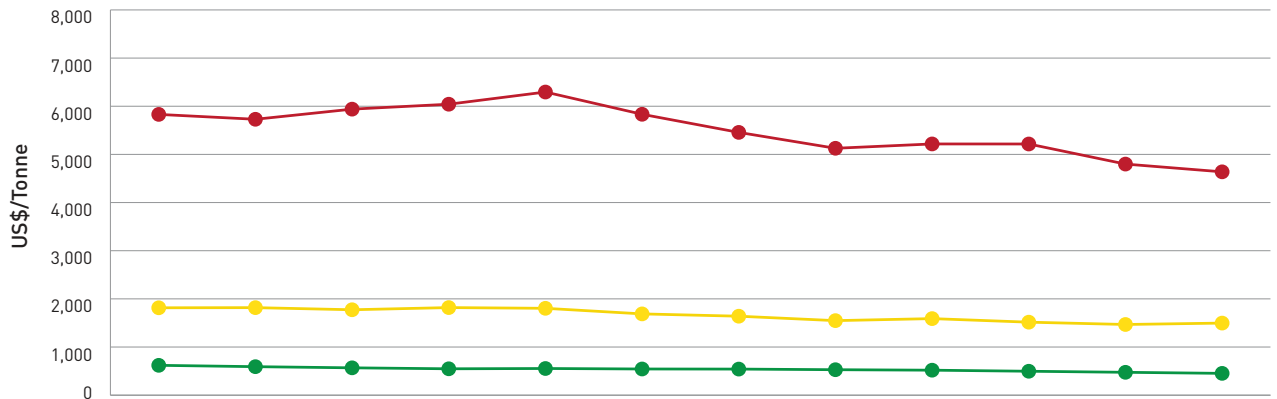
The RLB Construction Market Activity Cycle Wave Graph represents the theoretical “boom / bust” business cycle of the construction economy.

The chart below shows the relative level of activity for various sectors of the construction industry in each of the RLB offices.

| LOCATION   | HOUSES | APARTMENTS | OFFICES | INDUSTRIAL | RETAIL | HOTEL |
|--|--------|------------|---------|------------|--------|-------|
| Metro Manila/<br>NCR   | ▼      | ▼          | ▲       | ▼          | ▼      | ▲     |
| Laguna   | ▲      | ▲          | ▼       | ▼          | ▲      | ▲     |
| Cebu   | ▲      | ▼          | ▼       | ▲          | ▲      | ▼     |
| Davao  | ▼      | ▼          | ▼       | ▼          | ▲      | ▲     |
| Cagayan de Oro<br><small>* Used data from Misamis Oriental</small> | ▲      | ▼          | ▲       | ▼          | ▲      | ▼     |
| Bacolod<br><small>* Used data from Negros Occidental</small>       | ▲      | ▼          | ▲       | ▲          | ▼      | ▼     |

## COMMODITY PRICE TRENDS

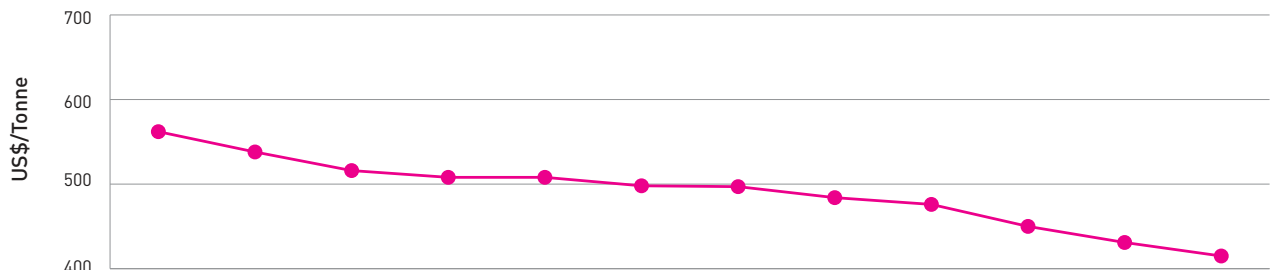
### METAL PRICES



|                                       | METAL           | Jan 15 | Feb 15 | Mar 15 | Apr 15 | May 15 | Jun 15 | Jul 15 | Aug 15 | Sep 15 | Oct 15 | Nov 15 | Dec 15 |
|---------------------------------------|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <span style="color: red;">●</span>    | <b>Copper</b>   | 5,831  | 5,729  | 5,940  | 6,042  | 6,295  | 5,833  | 5,457  | 5,127  | 5,217  | 5,216  | 4,800  | 4,639  |
| <span style="color: yellow;">●</span> | <b>Aluminum</b> | 1,815  | 1,818  | 1,774  | 1,819  | 1,804  | 1,688  | 1,640  | 1,548  | 1,590  | 1,516  | 1,468  | 1,497  |
| <span style="color: green;">●</span>  | <b>Steel</b>    | 620    | 592    | 568    | 548    | 554    | 544    | 542    | 529    | 519    | 497    | 475    | 453    |

Data Source: World Bank and MEPS

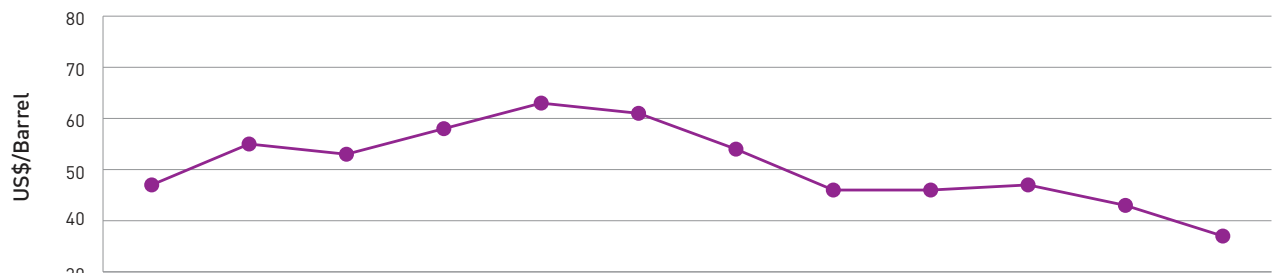
### STEEL REINFORCEMENTS



|  | METAL        | Jan 15 | Feb 15 | Mar 15 | Apr 15 | May 15 | Jun 15 | Jul 15 | Aug 15 | Sep 15 | Oct 15 | Nov 15 | Dec 15 |
|--|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <span style="color: magenta;">●</span> | <b>Rebar</b> | 562    | 538    | 516    | 508    | 508    | 498    | 497    | 484    | 476    | 450    | 431    | 415    |

Data Source: MEPS Description: Rebar (concrete reinforcing bars) (Japan) producers' export contracts (3 to 12 months terms) fob mainly to Asia.

### CRUDE OIL PRICES

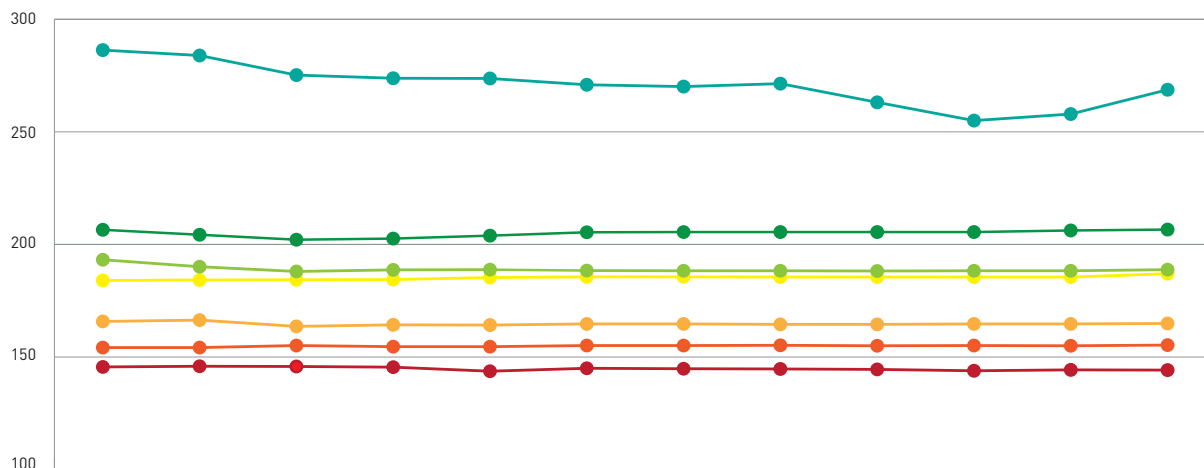


|                                       | TYPE             | Jan 15 | Feb 15 | Mar 15 | Apr 15 | May 15 | Jun 15 | Jul 15 | Aug 15 | Sep 15 | Oct 15 | Nov 15 | Dec 15 |
|---------------------------------------|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <span style="color: purple;">●</span> | <b>Crude Oil</b> | 47     | 55     | 53     | 58     | 63     | 61     | 54     | 46     | 46     | 47     | 43     | 37     |

Data Source: World Bank Description: Crude Oil (petroleum), simple average of three spot prices; Dated Brent, West Texas Intermediate, and the Dubai Fateh, US Dollars per Barrel

## MATERIAL PRICE TRENDS

RETAIL PRICE INDEX OF SELECTED CONSTRUCTION MATERIALS IN THE NATIONAL CAPITAL REGION



|  | MATERIALS     | Jan 15 | Feb 15 | Mar 15 | Apr 15 | May 15 | Jun 15 | Jul 15 | Aug 15 | Sep 15 | Oct 15 | Nov 15 | Dec 15 |
|--|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|  | Carpentry     | 154.2  | 154.2  | 155.1  | 154.6  | 154.6  | 155.1  | 155.1  | 155.2  | 155.0  | 155.1  | 155.0  | 155.3  |
|  | Electrical    | 206.5  | 204.3  | 202.1  | 202.6  | 203.9  | 205.4  | 205.5  | 205.5  | 205.5  | 205.5  | 206.2  | 206.6  |
|  | Masonry       | 193.2  | 190.1  | 188.0  | 188.7  | 188.8  | 188.4  | 188.3  | 188.3  | 188.2  | 188.3  | 188.3  | 188.8  |
|  | Painting      | 184.0  | 184.2  | 184.3  | 184.4  | 185.3  | 185.6  | 185.6  | 185.5  | 185.5  | 185.5  | 185.5  | 187.0  |
|  | Plumbing      | 165.8  | 166.4  | 163.6  | 164.3  | 164.2  | 164.7  | 164.7  | 164.5  | 164.5  | 164.7  | 164.7  | 164.9  |
|  | Tinsmithry    | 145.6  | 145.9  | 145.8  | 145.5  | 143.7  | 145.0  | 144.8  | 144.7  | 144.5  | 143.9  | 144.3  | 144.2  |
|  | Miscellaneous | 286.3  | 283.9  | 275.2  | 273.8  | 273.7  | 270.9  | 270.1  | 271.4  | 263.1  | 255.0  | 257.9  | 268.7  |

Data Source: PSA

## CURRENCY EXCHANGE RATES

CURRENCY EXCHANGE RATES OF SELECTED COUNTRIES

| CURRENCY            |     | UNITS PER USD |           |           |           |           |           |           |           |           |           |           |           |           |
|---------------------|-----|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|                     |     | UNIT          | Jan 15    | Feb 15    | Mar 15    | Apr 15    | May 15    | Jun 15    | Jul 15    | Aug 15    | Sep 15    | Oct 15    | Nov 15    | Dec 15    |
| Philippine Peso     | ₱   | 1             | 44.60     | 44.22     | 44.45     | 44.42     | 44.61     | 44.98     | 45.27     | 46.14     | 46.75     | 46.38     | 47.01     | 47.23     |
| Singapore Dollar    | \$  | 1             | 1.34      | 1.35      | 1.38      | 1.35      | 1.33      | 1.35      | 1.36      | 1.40      | 1.41      | 1.40      | 1.41      | 1.41      |
| U.K. Pound Sterling | £   | 1             | 1.51      | 1.53      | 1.50      | 1.49      | 1.55      | 1.56      | 1.56      | 1.56      | 1.54      | 1.53      | 1.52      | 1.50      |
| Australian Dollar   | \$  | 1             | 0.81      | 0.78      | 0.77      | 0.77      | 0.79      | 0.77      | 0.74      | 0.73      | 0.71      | 0.72      | 0.71      | 0.72      |
| Chinese Yuan        | ¥   | 1             | 6.13      | 6.13      | 6.15      | 6.13      | 6.11      | 6.11      | 6.12      | 6.31      | 6.37      | 6.35      | 6.36      | 6.45      |
| Japanese Yen        | ¥   | 1             | 118.31    | 118.56    | 120.39    | 119.55    | 120.69    | 123.75    | 123.24    | 123.23    | 120.29    | 120.06    | 122.53    | 121.92    |
| Malaysian Ringgit   | RM  | 1             | 3.59      | 3.59      | 3.68      | 3.64      | 3.60      | 3.74      | 3.80      | 4.06      | 4.31      | 4.27      | 4.32      | 4.28      |
| Indonesian Rupiah   | IDR | 1             | 12,582.89 | 12,749.88 | 13,066.82 | 12,948.05 | 13,138.00 | 13,313.24 | 13,378.06 | 13,781.75 | 14,404.20 | 13,812.35 | 13,665.47 | 13,854.60 |

Data Source: IMF



## CONSTRUCTION PRICES

| DEVELOPMENT TYPE           | LOW                | HIGH    |
|----------------------------|--------------------|---------|
| <b>OFFICE TOWERS</b>       |                    |         |
| Prestige CBD               | PHP/m <sup>2</sup> |         |
| 10 - 25 Storeys            | 33,100             | 37,400  |
| 25 - 40 Storeys            | 36,400             | 41,100  |
| 40 - 55 Storeys            | 41,000             | 46,000  |
| Investment CBD             | PHP/m <sup>2</sup> |         |
| Up to 10 Storeys           | 26,700             | 31,000  |
| 10 - 25 Storeys            | 29,500             | 33,100  |
| 25 - 40 Storeys            | 32,500             | 36,500  |
| <b>HOTEL</b>               |                    |         |
| Multi-Storey               | PHP/bedroom        |         |
| Three Star                 | 2.772 M            | 3.152 M |
| Four Star                  | 3.062 M            | 3.553 M |
| Five Star                  | 3.429 M            | 3.962 M |
| FF&E                       | PHP/bedroom        |         |
| Three Star                 | 1.031 M            | 1.181 M |
| Four Star                  | 1.551 M            | 1.801 M |
| Five Star                  | 2.052 M            | 2.372 M |
| <b>RETAIL / COMMERCIAL</b> |                    |         |
| General                    | PHP/m <sup>2</sup> |         |
| Small Shops & Showrooms    | 21,300             | 24,000  |
| Shopping Centres           | PHP/m <sup>2</sup> |         |
| Department Store           | 25,000             | 28,700  |
| Malls                      | 28,100             | 32,300  |
| Speciality Shops           | 23,600             | 26,400  |
| Supermarket                | 20,000             | 22,600  |

| DEVELOPMENT TYPE  | LOW                | HIGH               |
|---|--------------------|--------------------|
| <b>RESIDENTIAL</b>  |                    |                    |
| General   | PHP/m <sup>2</sup> | PHP/m <sup>2</sup> |
| Single and Double Storey  | 28,700             | 33,000             |
| 1 to 3 Storey Units   | 32,700             | 37,700             |
| Townhouses  | 24,700             | 29,000             |
| <b>CONDOMINIUM</b>  | PHP/m <sup>2</sup> |                    |
| Up to 10 Storeys with lift  | 27,800             | 32,000             |
| Over 10 and up to 20 Storey   | 33,100             | 36,500             |
| Over 20 and up to 40 Storey   | 34,400             | 38,800             |
| Over 40 and up to 80 Storey   | 35,600             | 41,000             |
| <b>HOSPITALS</b>  | PHP/m <sup>2</sup> | PHP/m <sup>2</sup> |
| 45 - 60 m <sup>2</sup> floor area   | 26,500             | 30,600             |
| 55 - 80 m <sup>2</sup> floor area   | 38,600             | 44,500             |
| Aged Care Single Storey   | 19,300             | 22,300             |
| Aged Care Multi- Storey   | 29,000             | 33,400             |
| <b>INDUSTRIAL (6.00m to Underside of Truss 4,500m<sup>2</sup> floor area)</b> |                    |                    |
| Metal Cladding  | 17,800             | 20,500             |
| Pre Cast Concrete Cladding  | 18,200             | 21,000             |
| <b>CAR PARK</b>   | PHP/m <sup>2</sup> | PHP/m <sup>2</sup> |
| Open Deck; Multi- Storey  | 15,000             | 17,300             |
| Basement; CBD   | 16,400             | 18,900             |
| <b>WORKSTATIONS</b>   | PHP/Ea             | PHP/Ea             |
| Call Centre   | 37,200             | 42,700             |
| Secretarial   | 53,000             | 61,100             |
| Technical Staff   | 72,900             | 83,800             |
| Executive   | 115,000            | 132,300            |

### Notes

All Philippine Construction Prices stated herein are as at **4th Quarter of 2015**, which includes a general allowance for foundation and external works. The price ranges are indicative and due consideration should be given to the different specification, size, location and nature of each project when utilising this information. The prices here may not fully reflect the extent of current market forces and tendering conditions.

### Exclusions

- Land cost • Legal and professional fees • Development charges • Authority fees • Finance costs • Loose furnitures, fittings, and works of art
- Tenancy work • Site infrastructure work • Diversion of existing services • Green mark cost premiums • Resident site staff cost
- Models and prototypes • Future cost escalation • Goods and Services Tax

# PROFESSIONAL SERVICES

The extensive range of professional consultancy provided by Rider Levett Bucknall covers the following core services:

## QUANTITY SURVEYING

- Full Quantity Surveying from start of project to finish
- Budgetary Estimates and Cost Estimate Preparation
- Preparation of Priced Bills of Quantities
- Bid Documentation, Bidding and Award of Contracts
- Contract Documentation and Administration
- Project Cost Control
- Financial, Physical and Quality Audit of Construction
- Contractual Advice
- Contractual Claims Preparation and Adjudication
- Dispute Management
- Builders Quantities Preparation
- Replacement Cost Estimates
- Assistance in Arbitration, and/or Litigation
- Secondment of Staff

## PROJECT MANAGEMENT / CONSTRUCTION MANAGEMENT

- Project / Construction Management and Supervision
- Value Engineering Services
- Project Close-out Services
- Quality Assurance and Quality Control (QA/QC) Services

**A Quarterly Publication from Research and Development of:**

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