



MARKET TRENDS



MYANMAR ECONOMY

Myanmar is presently in a development phase towards achieving a market economy. Myanmar's gross domestic product (GDP) is expected to grow by 6.6% in 2019 and 6.8% in 2020. Economic momentum appears to have picked up in 2019, after a slowing down last year arising from lower agricultural production. In the last quarter, the output in the manufacturing sector has significantly improved from 2018 which experienced cost pressures and exchange rate volatility. Domestic demands have firmed up on a more stable kyat and low inflation in the first quarter. The government's economic reform efforts this year should further strengthen the domestic economy. General inflation rates are forecast at 6.8% for 2019 and 7.5% for 2020.

Myanmar is anticipated to benefit from greater foreign direct investment (FDI) inflows and a more expansionary government budget this year. However, slower Chinese economic growth and a potential loss of preferential market access to the EU would affect exports, and the continuing political tensions in the Rakhine state could also impact upon the growth of new foreign investments.

The government's continuing implementation of the Myanmar Sustainable Development Plan was shown in recent reforms including implementation of the new Myanmar Companies Law, opening of the insurance sector and wholesale and retail markets to foreign players, services sector liberalization, and loosening restrictions on foreign bank lending. The Myanmar Central Bank has since 2018 opened up lending opportunities for foreign banks operating in Myanmar where they are allowed to lend money to foreign companies and joint venture operations in Myanmar, opening up the possibilities for businesses to get loans for construction projects. In addition, the availability of private loans to local property buyers to purchase property has supported the positive outlook of the construction sector. Other recent legislation, including the Condominium Law and Rules and the Gambling Act, will assist in facilitating new business opportunities for foreign investors.

There remain significant development challenges for Myanmar which includes addressing shortfalls in infrastructure and human capital, maintaining macroeconomic and fiscal stability in a challenging global economic environment, accelerating the institutional reform process, and generally improving governance and environmental standards.



MARKET TRENDS



MYANMAR CONSTRUCTION MARKET

In 2018, the Myanmar construction industry had a value of more than US\$ 9.5 billion. This is a share of around 16.5 percent of the country's GDP and will be a major driver of the economy in 2019. As a member of the ASEAN economic bloc, Myanmar has become an increasingly attractive foreign investment destination, and this includes investments in real estate and infrastructure. Both major economic centers of the country, Yangon and Mandalay, have a strong demand for middle-class residential housing. Yangon's population is estimated to grow by 3 million within the next ten years thereby requiring massive housing investments.

Industrial area development has become a major driver of the construction sector. There are three Special Economic Zones in Myanmar, Thilawa, Kyauk Phyu and Dawei currently being developed. Several new industrial parks are planned in the country while some industrial parks in Yangon are already under construction.

The infrastructure gap between now and 2030 is estimated by the Asian Development Bank to be worth US\$ 120 billion. Highways, railways, harbours and airports require significant investments by international parties who could joint venture with local entities. These include the modernization of its trunk road network, new highways, improving access to the city via new bridges. The development of regional airports has also been part of the government's plans in developing both the tourism and transport sectors, in addition to its existing plane and cargo handling services that require both technological support and investment. Myanmar's telecoms infrastructure is also in need of development in order to provide the country with full coverage. Upgrading of its mobile network to a fibre network also presents opportunities to improve Myanmar's global connectivity.

The Myanmar construction market appears to be generally slow in the private sector, and the property market is expected to stay flat until 2020. Construction material supply prices are generally in a downward trend from 1Q2016 to 1Q2019 with the exception of steel reinforcement and structural steel where the imported material costs were inflated by the relatively weak Myanmar kyat. Construction cost escalation is estimated to be in the order of 3% to 5% for 2019, while tender bidding market for building and infrastructure projects currently appears to remain relatively competitive.

Some major on-going private projects in Yangon Region include the Landmark project by Yoma, Yangon Central Mixed Development by Tokyo Tatemono Asia/Fujita Corporation, Emerald Bay by Country Garden and The Central by Marga Global. Public projects are gaining momentum amid slow but steady implementation given the public perception of Public Private Partnership projects and the coming state elections in 2020. There are a number of mega on-going public projects in Myanmar, such as New Mandalay Resort City (9,893 acres), Smart District Project at Dagon Seikken township development (1,100 acres), Korea-Myanmar Industrial Complex Project, and the Eco Green City, a US\$2 billion project with a 10 to 15 year township development period. The New Yangon City Project also presents a major opportunity for the involvement of foreign companies. On 20,000 acres of land and with estimated costs of US\$ 1.5 billion, the project will create accommodation for 3 million and jobs for 2 million people.

20 KAP OFFICE BUILDING A.K.A THE EMBANKMENT

YANGON, MYANMAR

CLIENT: Four Rivers Inya Office Co. Ltd

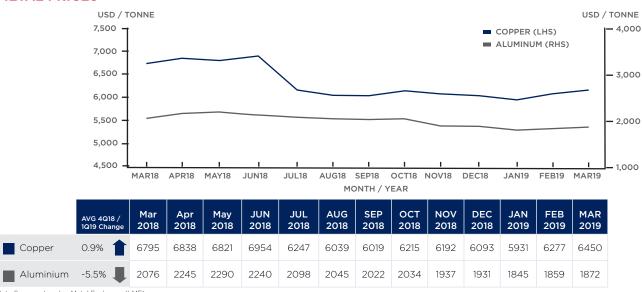
ARCHITECT: Aedas Pte Ltd
SERVICE: Full QS Services

COMPLETION: 2021

RLB is the appointed QS for the proposed one block of 17-Storey Office Tower with Two Basements, located at Kabaraye Road, Yangon, Myanmar.



METAL PRICES



Data Sources: London Metal Exchange (LME)

CONSTRUCTION MATERIAL PRICES

		AVERAGE SUPPLY RATE (MMK)			
MATERIAL	UNIT	2H2O17	1H2O18	2H2O18	1H2O19 _p
Concreting Sand	m³	3,239	3,279	3,474	3,444
Stone Aggregate (20mm)	m³	33,116	19,664	18,325	20,753
Ordinary Portland Cement	kg	105	105	99	113
Reinforced Concrete (Grade 30 MPA)	m³	87,330	81,500	85,117	87,250
Reinforced Concrete (Grade 40 MPA)	m³	94,750	92,750	91,750	95,250
High Tensile Steel Bars (10 - 32mm)	kg	755	864	907	910
Mild Steel round bars (6 - 25mm)	kg	679	824	879	824
Structural Steelwork (U-beam, stanchions)	tonne	863,195	952,506	1,041,167	1,024,501
Plywood Formwork (2438 x 1219 x 20mm)	рс	33,296	31,991	33,611	33,556
Clay Bricks (100mm thick brickwall)	рс	111	84	85	85

Data Sources: Market Sources p: preliminary

Exclusions: • Plant ad Equipment • Transport • Wastage • Overheads and Profit • Preliminaries • Withholding Tax • Commercial Tax

Notes: All supply prices stated above are only applicable for building construction projects in Yangon. Specific cost consultancy should be sought for your particular factual situation prior to utilising this information.



CURRENCY EXCHANGE

	UNITS PER USD				
CURRENCY	2Q2018	3Q2018	4Q2018	1Q2019	
USD to MYANMAR KYAT (MMK)	1,425	1.567	1,554	1,524	

Data Sources: Oanda

YANGON CONSTRUCTION PRICES

DEVELOPMENT TYPE	COST PER CFA MMK ('000) / m²	COST PER CFA USD / m²				
OFFICE						
Standard	1,350 - 2,060	890 - 1,350				
Prestige	1,830 - 2,480	1,200 - 1,630				
HOTEL (Excluding FF&E)						
Three Star	2,270 - 3,290	1,490 - 2,160				
Four Star	2,610 - 3,740	1,720 - 2,460				
Five Star	3,070 - 4,150	2,020 - 2,730				
COMMERCIAL						
Medium Quality Retail	1,670 - 2,160	1,100 - 1,420				
Good Quality Retail	2,210 - 2,740	1,450 - 1,800				
RESIDENTIAL						
Medium Quality Condominium	1,260 - 1,920	830 - 1,260				
Good Quality Condominium	1,610 - 2,340	1,060 - 1,540				
CARPARK						
Above Grade Carpark	610 - 910	400 - 600				
Basement Carpark	1,300 -1,750	850 - 1,150				

Notes: Construction Floor Area (CFA) - The area of all building enclosed covered spaces measured to the outside face of external walls including covered basement and above ground car park areas.

All Yangon construction prices stated herein are as at **1st Quarter 2019**, and include a general allowance for preliminaries, foundation, car parking, and external works. The price ranges herein 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.

Exchange Rate Used: USD 1 = MMK 1,524

Exclusions: • Land Cost • Legal and Professional Fees • Development Charges • Authority Fees • Finance Costs • Site Infrastructure Works • Diversion of Existing Services • Models and Prototypes • Future Cost Escalation • Loose Furniture, Fittings and Works of Art • Tenancy Work • Resident Site Staff Cost • Withholding Tax • Commercial Tax

Disclaimer: While Rider Levett Bucknall Limited ("RLB") has endeavoured to ensure the accuracy of the information and materials in this report (the "Materials"), it does not warrant its accuracy, adequacy, completeness or reasonableness and expressly disclaims liability for any errors in, or omissions there-from. RLB shall not be liable for any damage, loss or expense whatsoever arising out of or in connection with the use or reliance on the Materials. The Materials are provided for general information only. Professional advice should be obtained for your particular factual situation before making any decision. The Materials may not, in any medium, be reproduced, published, adapted, altered or otherwise used in whole or in part in any manner without the prior written consent of RLB.

PROFESSIONAL SERVICES



RIDER LEVETT BUCKNALL (RLB) is an independent, global property and construction practice with over 3,500 people in more than 120 offices across Asia, Oceania, Europe, Middle East, Africa and the Americas, serving major local and international clientele.

RLB's global expertise and significant project experience provides comprehensive services and solutions to the development and construction of the built environment, extending to building and civil infrastructure, commercial, residential and hospitality buildings, healthcare, industrial and civil engineering projects.

As a multi-disciplinary group, RLB offers a full range of services required by clients in the property and construction industry, ranging from cost consultancy and quantity surveying, project management, advisory services and market research.

RLB Research's expertise in economic and market studies, industry participation and research publications position us as the choice consultant for advice on construction cost trends and market updates for the regional construction markets.

The extensive range of professional consultancy provided by RLB covers the following core services:

QS AND COST CONSULTANCY

Feasibility Studies

Cost Planning and Estimating

Value Engineering

Life Cycle Cost Planning

Tender & Contract Documentation

Contract Procurement and Delivery

Cost Management

Progress and Variation Valuations

Post-Contract Services

Project Risk Management

Financial Reporting and Management

Final Accounts

PROJECT MANAGEMENT

Client Representation

Project Management Services

Development Management

Contract Administration

Procurement Management

ADVISORY AND RESEARCH

Asset Advisory

Transaction Review

Technical Due Diligence

Replacement Cost Assessment

Capital Cost Allowances Assessment

Building RElifing® Services

Facilities Management Consulting

Litigation Support

Risk Mitigation and Due Diligence

Procurement Strategies

Auditing Services

Construction Market Research

Industry Trend Analysis

Cost Escalation and Cost Benchmarking by Sectors

For enquiries, please contact:

RIDER LEVETT BUCKNALL LIMITED

Union Business Centre, Nat Mauk Road, Bo Cho Quarter, Bahan Township, Suite 03-02, Yangon 11121, Myanmar T: +95 1 860 3448 Ext 4004 | E: rlb@mm.rlb.com | W: www.rlb.com | Contact: Serene Wong

RLB REGIONAL PRACTICES

SINGAPORE

Rider Levett Bucknall LLP

911 Bukit Timah Road Level 3, Singapore 589622

T: +65 6339 1500

F: +65 6339 1521 E: rlb@sg.rlb.com

Contact: Colin Kin / Silas Loh

INDONESIA

PT. Rider Levett Bucknall

Jl. Jend. Sudirman Kay. 45-46 Sampoerna Strategic Square. South Tower Level 19

Jakarta 12930, Indonesia

T: +62 21 5795 2308 E: rlb@id.rlb.com

Contact: Widitomo Puntoadi

MALAYSIA

RL Bersepadu Sdn Bhd

B2-6-3 Solaris Dutamas No. 1 Jalan Dutamas 1 50480 Kuala Lumpur, Malavsia T: +60 3 6207 9991

F: +60 3 6207 9992

E: rlb@my.rlb.com Contact: Lai Kar Fook

VIETNAM

Rider Levett Bucknall Co. Ltd

Centec Tower, 16th Floor Unit 1603, 72-74

Nauven Thi Minh Khai Street Ward

6 District 3

Ho Chi Minh City, Vietnam

T: +84 83 823 8070

F: +84 83 823 7803 E: rlb@vn.rlb.com

Contact: Ong Choon Beng / Serene Wong

OFFICES AROUND THE WORLD



AFRICA

BOTSWANA

Gaborone

MAURITIUS

Saint Pierre

MOZAMBIQUE

Maputo South Africa Cape Town Johannesburg Pretoria

ASIA

Beijing

Chengdu

NORTH ASIA

Chongqing Dalian Guangzhou Guiyang Haikou Hangzhou Hong Kong Jeju Macau Nanjing Nanning Qingdao Seoul Shanghai Shenyang Shenzhen Tianjin

SOUTH ASIA

Wuhan

Xiamen Xian

Zhuhai

Wuxi

Bacolod
Bohol
Cagayan de Oro
Cebu
Davao
Ho Chi Minh City
Iloilo
Jakarta
Kuala Lumpur
Laguna
Metro Manila

Singapore Yangon

AMERICAS

CARIBBEAN

Austin

Barbados Cayman Islands St. Lucia

NORTH AMERICA

Boston Calgary Chicago Denver Guam Hilo Honolulu Las Vegas Los Angeles Maui New York Orlando Phoenix Portland San Francisco Seattle Toronto Tucson Waikoloa

Washington DC

EUROPE

UNITED KINGDOM

Birmingham
Bristol
Cumbria
Leeds
London
Manchester
Sheffield
Thames Valley
Warrington/Birchwood
Welwyn Garden City

RLB | Euro Alliance

Austria Belgium Czech Republic Finland Germany Hungary Ireland Italy Luxemburg Netherlands Norway Poland Portugal Russia Spain Sweden Turkey

MIDDLE EAST

OMAN

Muscat

QATAR

Doha

SAUDI ARABIA

Riyadh

UNITED ARAB EMIRATES

Abu Dhabi Dubai

OCEANIA

AUSTRALIA

Adelaide
Brisbane
Cairns
Canberra
Coffs Harbour
Darwin
Gold Coast
Melbourne
Newcastle
Perth
Sunshine Coast
Sydney
Townsville

New Zealand

Auckland Christchurch Hamilton Palmerston North Queenstown Tauranga Wellington

