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## Introduction

- Project Alliance was registered on 24th February 2005
- Capital is Baht 5 million
- Number of Staffs

> Directors: 10 Persons

> Operation Team : 88 Persons

**➤** Head Office Support Team : 21 Persons

> Total Staffs: 119 Persons



## **Scope of Services**

While the ultimate scope of services provided by Project Alliance will be tailored to suit the project, the following represents an initial summary of the services we propose for the pre-construction and construction phases.

## **Project Management for Pre-Construction**

This is to manage issues that are required to proceed prior to commencement of construction works. Such issues are planning, designs, tenders, etc.

- Assist the Client with establishment of project requirements.
- Manage the overall process of design to monitor that the design conforms to the project requirements.
- Prepare project organization structure.
- Define responsibilities and reporting relationships.
- Prepare an overall construction strategy of the site including phasing and sequencing, logistics, security plan, etc.
- Prepare a master schedule of the Project.
- Identify long lead items in the master schedule.
- Monitor the design completion portion of the master schedule and identify design deliverables including drawings, design calculations, specifications and quality control procedures.
- Review designs at each stage and comment on build ability, cost effectiveness, functionality and ease of maintenance.
- Advise and assist the Client in obtaining all requisite approvals for pre-construction activities.
- Organize site surveys and establishment of site grid/datum
- Organize and record regular project meetings with the Client and others to discuss the following agenda:
  - Design issues
  - Regulatory issues
  - Schedule issues
  - Review of open issues
- Prepare and submit monthly reports which include issues of design, budget, regulatory, tender, schedule, problem areas and recommendations for resolutions.

## **Construction Management**

This is to manage issues arising during construction of the Project. Such issues are site administration, scheduling, quality inspection, safety, testing, commissioning, handover, etc.

- Organize site teams and organization charts expressing reporting relationship between individuals and parties.
- Provide standard forms and procedures to facilitate effectiveness of site communication.
- Establish and manage house rules for the site.
- Set-up, chair, run and record kick-off meetings with contractors to confirm roles, responsibilities and requirements for construction of the Project.



- Review construction documents from design consultants and request for remedy of discrepancies, if any.
- Issue instructions with design consultants' construction documents and subsequent revisions to contractors.
- Control that instructions to contractors are recorded in writing and maintain logs.
- Confirm control points, alignments and locations of leveling stakes with contractors.
- Monitor that all contractors submit a sufficiently detailed contract schedules before commencement of works.
- Review the construction schedules submitted by contractors and negotiate all revisions necessary to obtain workable schedules acceptable to the Client.
- Monitor contractors' compliance with schedules. Liaise with contractors' senior management as appropriate.
- Evaluate actual works done for the contractor's requests for progress payments.
- Review delivery schedules submitted by contractors for long lead items such as plant, equipment, etc.
- Evaluate and recommend time extension.
- Monitor performance of contractors on a daily basis.
- Review contractors' daily requests and reports.
- Monitor contractors' compliance with contracts.
- Review contractors' proposed procedures and method statements.
- Provide administration of the distribution and storage of the appropriate information.
- Handle queries from contractors. Issue the queries to other consultants as appropriate and follow up their responses.
- Review contractors' site logistics including site operations access, storage, site accommodation, welfare, utilities, fire services, medical facilities, safety and emergency routes.
- Manage share of utilities usage and charges between contractors.
- Establish guidelines and approve the contractor's site safety and security plans.
- Establish quality management guidelines and approve the contractor's implementation plan.
- Monitor contractors' quality program.
- Perform site inspections to confirm compliance with the construction documents.
- Issue non-conformance notices to contractors for works not complied with construction documents or construction standards.
- Monitor contractors' proposals and implementation of remedial to non-conformance works.
- Manage submissions and review of shop drawings.
- Manage submissions and review of material samples including ones to substitute the specified.
- Monitor that all specified testing of material is properly conducted by approved institutions and review all data and confirm compliance with required standards.
- Review material certifications submitted by contractors.
- Set-up, chair, run and record regular site meetings to review the following agenda:
  - Regulatory issues
  - Design issues
  - Schedule issues
  - Safety issues
  - Submission issues
  - Review of open issues



- Set-up, chair, run and record regular technical meetings to discuss and resolve technical problems and resolutions.
- Set-up, chair, run and record regular safety meetings to review and discuss safety issues.
- Facilitate site visits and walks by the Client, design consultants and others.
- Prepare and submit monthly reports which include issues of design, permits/licenses, tender, negotiations and agreements with third parties, the contractor's performance, schedule report, cost/financial report, bonds, progress photos, problem areas and recommendations for resolutions.
- With contractors and appropriate consultants, establish and manage procedures for the commissioning of all mechanical and electrical services.
- Establish standards for final acceptance of all construction work and approve contractors' implementation plans.
- Inspect, prepare and submit defect lists and rectification schedules to the Client.
- Advise the Client on acceptance of practical completion.
- Organize handover of the Project to the Client's operational staff, together with all necessary training demonstrations, commissioning records, as-built drawings, maintenance and operation manuals, and outstanding defect lists.
- Review and issue certificates of practical completion.

## **Post-Construction Management**

This is to manage issues continued after practical completion of the Project. Such issues are as-built drawings, manuals, final reports, etc.

- Monitor submission of as-built drawings from contractors and check their adequacy and content.
- Monitor submission of maintenance and operation manuals from contractors and check their adequacy and content.
- Manage contractors' rectification of defects within the periods agreed with the Client in advance.
- Review and issue certificates of final completion within the periods agreed with the Client in advance.
- Provide information and documents which supplement asset insurance after construction completion.
- Prepare and submit a final report to record conclusion and/or outstanding works of design, permits/licenses, tender, contracts with third parties, schedule, cost/financial, bonds, status photos, penalties, problem and resolutions, defect lists, certificates of practical completion, asbuilt drawings, maintenance and operation manuals, etc.

## **Cost Management (Quantity Surveying)**

This is to manage issues related to costs of the Project. Such issues are budgeting, value engineering, tendering, variation orders, etc.

- Update (only once) the budget in accordance with the latest design as necessary and reconcile with the previous budget when any significant changes are made.
- Assist other consultants in carrying out value engineering exercises as appropriate.
- Prepare and update cash flow forecasts.
- Prepare draft contractors' contracts.



- Advise on implementation of insurance, bonds, guarantees and warranties.
- Advise on lists of proposed tenderers.
- Carry out pre-qualification shortlist of tenderers, if appropriate.
- Prepare and issue invitations to tenderers.
- Prepare un-quantified (blank) bills of quantity for tenders.
- Prepare Provisional Sums and Prime Cost Sums as required.
- Prepare tender scope, conditions, procedures, etc.
- Gather and consolidate tender documents from related parties.
- Review tender documents from others and request for remedy of discrepancies, if any.
- Issue tender documents and further addendums to tenderers.
- Set-up, chair, run and record bid clarifications meetings together with appropriate consultants.
- Prepare mean price for each tender.
- Manage tender submission and prepare comparison tables.
- Carry out detailed checks of arithmetic calculation and inconsistency.
- Evaluate tenders and arrange a base adjustment meeting with each tenderer.
- Evaluate final tenders and recommend negotiation strategies.
- Arrange negotiation meetings and conclude awarding.
- Prepare and issue contractors' letters of intent and contracts.
- Evaluate and make recommendations on contractors' requests for monthly progress payments
- Evaluate and make recommendations on contractors' variations (the Fee allowed for variations not over 10% of the approved budget).
- Prepare and submit monthly cost reports showing approved budget, potential changes, contracted amounts, potential contracts, approved variations, submitted variations, potential variations, contingencies, forecasted costs, savings/overrun and cashflow projections.
- Prepare and follow up contractors' final accounts including penalties for late completion



### **Residential**

### **Completed Project**



#### • The Sukhothai Residences

- Total Project Management Services, excluding Cost Management and Site Engineering Supervision
- Approximately 80,000 m<sup>2</sup> high-end condominium
- 42-storey, 3-basement, 196-units
- A total project value of approximately Baht
   3.5 billion.



#### • LIV@5, Bangkok

- Total Project Management Service, including Cost Management
- Approximately 9,800 m<sup>2</sup> for Residence Condominium
- The 8-storey building with 2.5 basements for car parking
- A total project value of approximately Baht
   250 million



- XT Huaikhwang
- Total Project Management Services,
- Approximately 83,200 m<sup>2</sup> for Residence Condominium
- 41-storey, 1-10-storey for Car park
- A total project value of approximately Baht
   2,000 million



### **Residential**

## **Completed Project**



#### 98Wiresless

- Total Project Management Services, including Cost Management
- Approximately 32,000 m<sup>2</sup> for high-end condominium
- 25-storey, 5-basement
- A total project value of approximately **Baht 4.5 billion**



#### • The Monument Sanampao

- Total Project Management Services, including Cost Management
- Approximately 16,000 m² for Residence Condominium
- 24-storey, 89-units
- A total project value of approximately **Baht 1.5 billion**



#### • SHA'A'

- Total Project Management Services including Cost Management
- Approximately 14,566 m² for Exclusive Residence Condominium
- 26-storey, 6-basements for Automatic Car park
- A total project value of approximately **Baht 1 billion**



### **Residential**

### **Completed Project**



#### Circle Sukhumvit 31

- Total Project Management Services including Cost Management
- Approximately 17,406 m² for Residence Condominium
- 30-storey, 139 units



#### • Circle Sukhumvit 11

- Total Project Management Services including Cost Management
- Approximately 20,000 m<sup>2</sup> for Residence Condominium
- 36-storey, 219 units



#### KAWA HAUS

- Total Project Management Services
- Approximately 30,000 m<sup>2</sup> for Residences Condominium
- Three building, 7-storey with 1-basement for Residences Condominium and Common building 2-storey



## **Residential**

## **Completed Project**



#### • The Galaxy Phuket (N4)

- Total Project Management Services
- Land area 32 Rais
- Approximately 30,500 for Residence
- Residences Building Type A 31 units 320 350 m2
- Residences Building Type B 21 units 300 320 m2
- Residences Building Type C 40 units 280 300 m2
- A total project value of approximately Baht 3
   billion



#### • The Niche MONO Borommaratchachonnani

- Total Project Management Services including Cost Management
- Approximately 40,000 m² for Residence Condominium
- High building 28 storey
- 2 7 storey for Car park
- Swimming Pool and Fitness
- A total project value of approximately Baht
   1.2 billion



#### S 38

- Total Project Management Services,
- Approximately 31,642 m² for Residence Condominium
- 39-storey, 2-11-storey for Car park



## **Residential**

## **Completed Project**



## • Royal City Bangbon

- Total Project Management Services, excluding Cost Management
- Approximately 20,160 m<sup>2</sup> for Home Office Building
- $-4\frac{1}{2}$  -storey, 95-units
- A total project value of approximately **Baht** 131 million



#### • Siamese Exclusive Queens

- **Project and Construction Management**Service, **excluding** Cost Management
- Approximately 30,000 m² for luxuly class condominium
- Two buildings, 33-storey with 3-basements,
   331 units and 18-storey with 6-basements for Automatic Car park
- A total project value of approximately **Baht** 1.2 billion



#### • Magnolias Ratchadamri Boulevard

- **Project and Construction Management**Service, **excluding** Cost Management
- Approximately 106,589 m² for Super Luxury Condominium and Hotel
- 60-storey, 3-basement, 316-units
- A total project value of approximately **Baht**3.5 billion



## **Residential**

## **Completed Project**



#### • Siamese Exclusive 42

- Project and Construction Management Services, excluding Cost Management,
- Approximately 29,975 m² for Residence Condominium
- 31-storey, 454 units and 2-6-storey for Automatic Car park



#### • The Loft Silom

- Project and Construction Management
   Services, excluding Cost Management
- Approximately 29,929 m² for Residence Condominium
- 37-storey, 268 units and 1-9-storey for Car park



## Veranda Residences and Verso Hotel, Hua Hin

- Project and Construction Management
   Services, excluding Cost Management
- Approximately 33,000 m<sup>2</sup> for Residences
   Condominium and 5,400 m<sup>2</sup> for Hotel
- Four buildings, 4-7-storey for Residence Condominium
- Two buildings 4-storey for Hotel
- 2-storey for Car park building



### **Residential**

## **Completed Project**



## • MRB Service Apartment

- Project and Construction Management Service, excluding Cost Management
- Approximately 10,000 m<sup>2</sup> for Service Apartment
- 92 *Rooms*
- A total project value of approximately **Baht 30 million**



#### XT Ekamai

- Project Management Services, including Cost Management
- Approximately 35,787 m² for Residence Condominium
- 39-storey, 2-storey, Basement for Car park
- A total project value of approximately **Baht** 1,2 billion



#### Penhouse PB

- Project and Construction Management Service, excluding Cost Management
- Approximately 2,500 m<sup>2</sup>
- 5-storey building



### **Residential**

## **Completed Project**



#### • Aguston, Sukhumvit 22

- Construction Management Services, including Cost Management
- Approximately 40,000 m² high-end condominium
- Two buildings, 24-storey and 35-storey, approximately 250 units in total
- A total project value of approximately Baht
   1.5 billion.



#### • Ideo Ladprao 5

- Construction Management Services
- Approximately 28,000 m<sup>2</sup> high-rise condominium
- The 24-storey, approximately 418 units in total
- A total project value of approximately Baht 451 million.



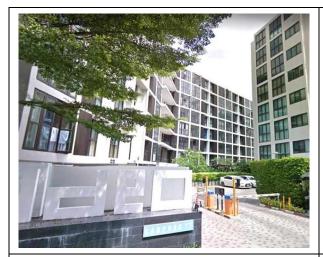
#### • The Line Sukhumvit 71

- Construction Management
   Services, including Cost Management
- Approximately 20,160 m<sup>2</sup> for Residence Condominium
- 28-storey, 291-units
- A total project value of approximately **Baht 2 billion**



### **Residential**

## **Completed Project**



## • Ideo Ladprao 17

- Construction Management Services
- Approximately 20,000 m<sup>2</sup> mid-rise condominium
- Two 8-storey buildings, 339 units in total
- A total project value of approximately Baht 252 million



#### Condolette Ize Ratchathewi

- Cost Management Services
- Land Area 1-2-16 Rai
- Approximately 24,500 m<sup>2</sup> for Residence -Condominium
- 33-storey, 306 units
- A total project value of approximately Baht 582 million.



## • Condolette Light Convent

- Cost Management Services
- Land Area 1-6 Rai
- Approximately 12,000 m<sup>2</sup> for Hotel and Resort
- 8-storey building, 111 Units
- A total project value of approximately Baht 176 million.



## Residential

#### **Completed Project**



#### • The Plum Navamin

- Cost Management Services
- Approximately 31,320 m<sup>2</sup> for Condominium
- 8-storey 3 Building
- 2-storey 1 Building for plaza
- A total project value of approximately Baht 403 million.



#### Plum Condo Pin Klao Station

- Cost Management Services
- Approximately **65,000 m<sup>2</sup> for Condominium**
- 22-storey 3 Building
- 964 Rooms
- A total project value of approximately Baht 1.2 billion.



#### • Blossom Condo @ Fashion Beyond

- Cost Management Services
- Approximately 23,000 m<sup>2</sup> for Residence –
   Condominium
- 19-storey, 326 units
- A total project value of approximately **Baht** 700 million



### **Residential**

## **Completed Project**



#### • Laguna Park 2

- Cost Management Services
- Approximately 12,000 m² for Residences
- 3-storey building
- A total project value of approximately Baht 3 billion



#### Siamese Sukhumvit 48

- Cost Management Services
- Approximately 26,102 m<sup>2</sup> for Residence Condominium
- Office 5 Storey, 2 Basement
- Residence 39 storey, 2 Basement
- A total project value of approximately **Baht**900 million



#### Siamese Sukhumvit 87

- Cost Management Services
- Approximately 18,776.31 m<sup>2</sup> for Residence Condominium
- Residence 27 storey , Auto Car Parking
- A total project value of approximately **Baht** 800 million



### **Residential**

## **Completed Project**



- Laguna Village Residences 8
  - Cost Management Services
  - Approximately 25,600 m<sup>2</sup> for Residences
  - 2-storey building,16 Units and 671 Sq.m/Unit
  - Total GFA = 10,736 Sq.m
  - A total project value of approximately
     Baht 300 million



- Blue Canyon Heights Renovation (Mock Up)
  - **Cost Management** Services
  - Approximately 250 m² for Room Type B
  - 4-storey building,
  - A total project value of approximately Baht 4 million



## **Residential**

## **Current Project**



#### • Rama 3 Road, Soi 26

- Project and Construction Management
   Services, excluding Cost Management
- Approximately 278,400 m<sup>2</sup> for Mixed-Used and Residential Condominium
- 4 High-rise buildings, (47-62-storey),



#### • The Portrait (Mixed Use)

- Total Project Management Services, including Cost Management
- Approximately 36,000 m<sup>2</sup> for Residence Condominium
- Two buildings, 31-storey for Service apartment and Office
- A total project value of approximately Baht
   2.3 billion.



#### • The Unicorn

- **Project and Construction Management**Service, **excluding** Cost Management
- Approximately 120,000 m² for Hotel,
   Service Apartment, Office and Retial
- 51-storey, 2- basements building
- A total project value of approximately **Baht** 3,000 million



#### **Residential**

## **Current Project**



- Thongsima House
  - Total Project Management Services including Cost Management
  - Land 6 Rai
  - Approximately 4,000 m<sup>2</sup> for 4 Houses
  - A total project value of approximately **Baht** 70 million



- Residential Welfare Program Workplace and service center for civil servants, Huai Khuang District, Bangkok
  - Construction Management Services
  - Approximately 3,600 m<sup>2</sup> for Residence -

#### Condominium

- 7 Storey
- A total project value of approximately **Baht** 67 million



- Residential Welfare Program Workplace and service center for civil servants, Bang Kraso, Nonthaburi Province
  - Construction Management Services
  - Approximately 4,000 m<sup>2</sup> for Residence -

### Condominium

- 7 Storey
- 76 Rooms
- A total project value of approximately **Baht** 70 million



#### **Residential**

## **Current Project**



- Residential Welfare Program Workplace and service center for civil servants, Yannawa, Bangkok
  - **Construction Management Services**
  - Approximately 4,000 m<sup>2</sup> for Residence –
     Condominium
  - 7 Storey
  - 76 Rooms
  - A total project value of approximately **Baht** 70 million



- Residential Welfare Program Workplace and service center for civil servants, Phra khanong, Bangkok
  - Construction Management Services
  - Approximately 4,000 m² for Residence –
     Condominium
  - 7 Storey
  - 76 Rooms
  - A total project value of approximately **Baht**70 million



- Blue Canyon Homes 1 (BCH 1) Renovation of 9 Buildings, Phuket
  - Total Project Management Services
  - Land 10 Rai Approximately 27,000 m² for Residence –Condominium 9 Building
  - Residences 4 Floors, 9 Building
  - A total project value of approximately **Baht**80 million



## **Residential**

## **Current Project**



- Chainat Provincial Prosecutor's Office and House 20 Units
- Construction Management Service
- Land 7 Rai, Approximately 2,800 m<sup>2</sup> for Office
- 3-storey building
- A total project value of approximately
   Baht 105 million



#### **Hotel**

#### **Completed Project**



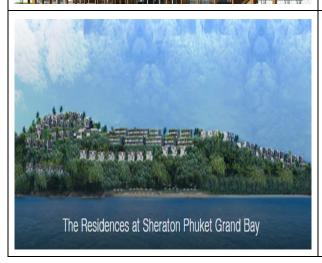
#### The Sukhothai Hotel (Renovation)

- Total Project Management Services, excluding Cost Management and Site Engineering Supervision in some areas
- Upgrading of the existing 5-star hotel while operating 24 hours
- Including spa, retail, business center, gallery, porte cochere, waste water treatment plant, generator, air conditioning system, acoustical treatment, etc.
- A total project value of approximately **Baht** 140 million.



# • The Sigma Four Point by Sheraton (Renovation)

- Total Project Management Services, including Cost Management Services
- Approximately **20,000 m<sup>2</sup> for Hotel**
- 15-storey with 1- basement for Car park and Main Entrance
- A total project value of approximately **Baht** 1 billion



## Sheraton Phuket Grand Bay Resort and Residences

- Total Project Management Services, including Cost Management
- 33 Residences Villa included Infrastructure,
   External Work and Slope Stabilization Work
- Villa Phase #1, 6 units and Villa Phase #2, 27 units
- A total project value of approximately **Baht**4 billion



#### **Hotel**

## **Completed Project**



- The Athenee Hotel (Renovation)
  - **Project and Construction Management**Service
  - Renovation of Hotel with approximately 378 guestrooms, some public areas, landscape etc.
  - A total project value of approximately **Baht** 400 million



- Block G on The Sukhothai Hotel (Renovation)
  - Project and Construction Management
     Services excluding Cost Management
  - Approximately 7,500 m<sup>2</sup> for renovation of hotel, swimming Pool and meeting room
  - 7-storey building
  - A total project value of approximately **Baht** 80 million



#### • AVANI Khaolak Resort

- Project and Construction Management
   Services excluding Cost Management
- Approximately 40,000 m<sup>2</sup> for Hotel
- Hotel building 250 Keys and Villa 78 Keys
- A total project value of approximately **Baht 1.4 billion**



### **Hotel**

## **Completed Project**



- Ibis Renovation, Kho Samui
  - Construction Management Services, excluding Cost Management
  - Renovation of hotel 3 buildings
  - Approximately **1,500 m<sup>2</sup>**
  - A total project value of approximately **Baht** 5 million



#### • Renaissance, Kho Samui

- Construction Management Services,
   excluding Cost Management
- Renovation of bungalow approximately 32 units
- Approximately 3,200 m<sup>2</sup>
- A total project value of approximately
   Baht 17 million



#### • Mercure Ibis Siam Hotel, Bangkok

- Construction Management Service
   Approximately 21,542 m<sup>2</sup> for Hotel, 378
   keys 4 star brand
- 28-storey building, 378 rooms
- A total project value of approximately **Baht** 760 million



#### **Hotel**

#### **Completed Project**



#### • Dhawa Phuket

- Construction Management Services
- Approximately 10,000 Sq.m. for Phase 1
- (A1) Dhawa Hotel Block A and Clubhouse
- Hotel 7 stories 124 rooms GFA about 8,000 sqm consist of
- One bedroom type (35 sqm) 44 units
- One bedroom type (41 sqm) 49 units
- Two bedroom type (53 sqm) 31 units
- Clubhouse 2 stories GFA about 1,200 Sqm
- A total project value of approximately **Baht** 500 million



#### • Angsana Ocean View (Phuket Province)

- Secondment Construction Management Services
- Approximately 25,000 m<sup>2</sup> for Hotel
- 6-storey 3 building and 1 Utility building



# • Veranda Residences and Verso Hotel Hua Hin

- Project and Construction Management
   Services, excluding Cost Management
- Approximately 33,000 m<sup>2</sup> for Residences
   Condominium and 5,400 m<sup>2</sup> for Hotel
- Four buildings, 4-7-storey for Residence Condominium
- Two buildings 4-storey for Hotel
- 2-storey for Car park building
- A total project value of approximately **Baht 1 billion**



#### **Hotel**

## **Completed Project**



- Magnolias Ratchadamri Boulevard (Waldorf Astoria)
  - **Project and Construction Management**Service, **excluding** Cost Management
- Approximately 106,589 m² for Super Luxury Condominium and Hotel
- 60-storey, 3-basement, 316-units
- A total project value of approximately **Baht 3.5 billion**



- Novotel Bangkok Future Park Rangsit
  - Project and Construction Management Services
  - Approximately **15,000 m<sup>2</sup> for Hotel**
  - 8-storey building for Hotel
     A total project value of approximately Baht
     800 million



- De'Yiam (Suratthani Province)
  - Design Structure, Architecture, MEP and Cost Management Services
  - Approximately 4 3 Rais for Hotel and Resort
  - 3-storey building and 1-storey , Swimming Pool
  - A total project value of approximately **Baht** 85 million



#### **Hotel**

## **Current Project**



## • Travelodge Nimarn Chiengmai Hotel

- Total Project Management Services
- Approximately 6.3 Rais for Hotel
- Approximately 25,000 m<sup>2</sup> for construction area
- 3-star Hotel ; 4-stroey (6 Buildings),
   Swimming Pool, Fitness Room
   A total project value of approximately Baht
   1 billion



#### • Summit Tower

- Total Project Management Service,
   Including Cost Management
- Approximately 110,000 m<sup>2</sup> for Hotel,
   Office and Retial
- 45-storey, 4- basements building
- A total project value of approximately Baht 4.5 billion



#### • Andaz Resort Pattaya

- **Project and Construction Management**Service, **excluding** Cost Management
- Approximately 120,000 m² for Hotel,
   Service Apartment, Office and Retial
- 51-storey, 2- basements building
- A total project value of approximately
   Baht 3 billion



#### Hotel

### **Current Project**



- The Unicorn (Eastin)
  - Project and Construction Management Service, excluding Cost Management
  - Approximately 120,000 m² for Hotel,
     Service Apartment, Office and Retial
  - 51-storey, 2- basements building
  - A total project value of approximately Baht 3 billion



- Platinum Market Phase 2 (Moxy)
  - Project and Construction Management Services
  - Approximately 532 Rooms for Hotel
  - Approximately 21,000 m<sup>2</sup> for construction area
  - 4star Hotel; 22-stroey, Swimming Pool, Fitness Room
  - A total project value of approximately
     Baht 1.5 billion



- Indochina Hotel (Renovation)
  - Total Project Management Service,
     Including Cost Management
  - Approximately **5,000 m<sup>2</sup> for Hotel**
  - 2-storey
  - A total project value of approximately
     Baht 200 million



#### **Office**

## **Completed Project**



- Trocadero Group Headquarter
  - Total Project Management Services, including Cost Management
  - Approximately 1,800 m<sup>2</sup> for Office Building
  - A total project value of approximately **Baht** 50 million



#### • Royal City Bangbon

- Total Project Management Services, excluding Cost Management
- Approximately 20,160 m<sup>2</sup> for Home Office Building
- $-4\frac{1}{2}$  -storey, 95-units
- A total project value of approximately **Baht** 131 million



#### • Teerachaiphaisal Engineering

- Total Project Management Services, including Cost Management
- Approximately 9,254 m² for Office,
   Warehouse and Residential
- A total project value of approximately **Baht** 254 million



## **Office**

## **Completed Project**



#### • Gaysorn 2

- Construction Management Services, excluding Cost Management
- Approximately 65,000 m<sup>2</sup> for Office and Shopping Center
- 30-storey, 1-basement
- A total project value of approximately **Baht**2 billion



### • DT Campus Phase 1

- Construction Management Services, excluding Cost Management
- Approximately 20,000 m² for Office Building
- Office Building 3 FLs
- Learning Building 5 FLs
- A total project value of approximately Baht
   1.4 billion



### **Office**

### **Current Project**



#### • Summit Tower

- Total Project Management Service,
   Including Cost Management
- Approximately 110,000 m<sup>2</sup> for Hotel,
   Office and Retial
- 45-storey, 4- basements building
- A total project value of approximately
   Baht 4.5 billion



#### • One City Center

- Construction Management Services, excluding Cost Management
- Approximately 115,948 m² for Office Building
- Podium 2-4 FL, Office 6-47 FL, Restaurant
   49 FL, Roof/AHU 50 FL, Top Roof 52 FL,
   4 Basement
- A total project value of approximately **Baht 5.9 billion**



## • Platinum Market (Phase2)

- Project and Construction Management Services
- Approximately 50,000 m<sup>2</sup> for construction area
- 23-stroey, Swimming Pool, Fitness Room
- A total project value of approximately
   Baht 1.3 billion



### **Office**

### **Current Project**



#### • The Unicorn

- Project and Construction Management Service, excluding Cost Management
- Approximately 120,000 m² for Hotel,
   Service Apartment, Office and Retial
- 51-storey, 2- basements building
- A total project value of approximately
   Baht 3 billion



- Chainat Provincial Prosecutor's Office and House 20 Units
- Construction Management Service
- Land 7 Rai, Approximately 2,800 m<sup>2</sup> for Office
- 3-storey building
- A total project value of approximately
   Baht 105 million



- Multipurpose Building, Excise Department
- Construction Management Service
- Approximately 3,800 m<sup>2</sup>
- 4-storey building
- A total project value of approximately
   Baht 140 million



## **Office**

### **Current Project**



- Interior construction with hardware Office Building Soi Phahonyothin 11
- Construction Management Service
- Land 2 Rai, Approximately 9,900 m<sup>2</sup> for Office
- 4-storey building
- A total project value of approximately Baht 36 million



- The Portrait (Mixed Use)
  - Total Project Management Services, including Cost Management
  - Approximately 36,000 m² for Residence Condominium
  - Two buildings, 31-storey for Service apartment and Office
  - A total project value of approximately Baht
     2.3 billion.



#### **Retail**

#### **Completed Project**



#### • Siam Paragon Development

- Total Project Management Services
- Approximately 500,000 m<sup>2</sup> high-end complex
- Development mix comprises shopping center, shops, department store, aquarium, convention center, cinemas, Imax, theater, many bridges, etc.
- A total project value of approximately **Baht** 6 billion.
- More than 20 consultants, 50 contractors,
   50 suppliers, 10,000 workers and other 250 parties, including tenants, involved.
- Open 85% 2 months before schedule and another 15% on time
- Add aquarium without delays
- Value Engineering saved approximately
   Baht 250 million
- Ratification and negotiation saved approximately Baht 500 million
- Need no additional budget for additional works
- Managed neighbors such as palace, temple, public, communities, etc.
- Only 1 dispute (about design progress, which could be settled before going to court)
- During servicing this project as an independent department, the project management team of the project established Project Alliance together with very strong intention to service other projects with continually improved strength and systems of the team.
- A total project value of approximately Baht 12,000 million.



#### Retail

### **Completed Project**



- Siam Paragon Renovation, Bangkok, including Cost Management
  - Total Project Management Services
  - Approximately **11,460 m<sup>2</sup> for shopping** center renovation
  - A total project value of approximately **Baht** 1.2 billion.



#### Paradise Place

- Total Project Management Services, including Construction and Cost Management
- Approximately 41,021 m<sup>2</sup> for Shopping
   Center
- The 4-storey building with 1-basement for car parking
- A total project value of approximately **Baht** 1,000 million



#### • Paradise Park (Renovation)

- Total Project Management Services, including Cost Management
- Approximately 130,000 m<sup>2</sup> shopping center
- Two buildings, 4-storey
- A total project value of approximately Baht
   1,000 million.



#### **Retail**



- MBK Center Renovation (A La Art)
  - Total Management Service including Cost Management
  - Approximately 1,434 m<sup>2</sup> for Renovation A La Art Building
  - A total project value of approximately Baht
     43 million



- River City Complex Renovation
  - Total Project Management Services, including Cost Management
  - Approximately 42,000 m² for shopping
     Center 4-storey building
  - A total project value of approximately Baht
     150 million



- Tesco Lotus Nikom Pattana Rayong
  - Construction Management Services including Cost Management
  - Approximately 5,350 m<sup>2</sup> for Retail Building
  - 1-storey building



#### **Retail**

## **Completed Project**



#### Rain Hill 47

- Construction Management Services
- Approximately 12,000 m<sup>2</sup> for community shopping mall and apartment
- 5-storey building
- A total project value of approximately Baht 200 million.



#### • Central Rama III Plaza, Bangkok

- Construction Management Services, including Cost Management
- Renovation of XY Arena, E Enter and toilets
- Approximately 3,000 m<sup>2</sup>
- A total project value of approximately Baht
   51 million.



#### • Amarin's Floor 1st-7th Renovation

- **Project and Construction Management**Services
- Approximately 3,000 m<sup>2</sup> for 5<sup>th</sup> Floor and 500 m<sup>2</sup> for lift lobby and system room
- A total project value of approximately **Baht** 80 million



#### Retail

#### **Completed Project**



#### • Gaysorn 2

- Construction Management Services, excluding Cost Management
- Approximately 65,000 m<sup>2</sup> for Office and Shopping Center
- 30-storey, 1-basement
- A total project value of approximately Baht 2 billion



#### • The Market Renovate @ M2 (Ground Floor)

- **Project and Construction Management**Service, **including** Cost Management
- Approximately 2,900 m<sup>2</sup> for Retial (Lotus)
- Ground floor and basements floor
- A total project value of approximately **Baht** 120 million



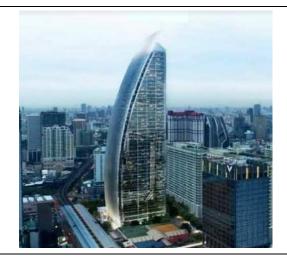
#### • Siamkit Renovation

- **Project and Construction Management**Service
- Approximately **6,600 m<sup>2</sup>**
- Renovate 3&4 Floor
- A total project value of approximately Baht
   100 million



#### Retail

#### **Current Project**



- Summit Tower
  - Total Project Management Service, Including Cost Management
  - Approximately 110,000 m<sup>2</sup> for Hotel,
     Office and Retail
  - 45-storey, 4- basements building
  - A total project value of approximately Baht 4.5 billion



- The Unicorn (Tiger)
  - Project and Construction Management Service, excluding Cost Management
  - Approximately 120,000 m² for Hotel,
     Service Apartment, Office and Retial
  - 51-storey, 2- basements building
  - A total project value of approximately **Baht** 3 billion



- Block I Phase 1 and Walking Street
  - **Project and Construction Management**Service
  - Approximately 3,500 m<sup>2</sup>
  - Renovate Walking Street Chula Soi"1,3,5,7
  - A total project value of approximately **Baht** 43 million



#### Retail

#### **Current Project**



- Block I Phase 2 and Walking Street Siam Square Soi 7
  - **Project and Construction Management**Service
  - Building Approximately 1,200 m<sup>2</sup> and Walking Street 14,000 m<sup>2</sup>
  - Renovate Walking Street Chula Soi"1,3,5,7
  - A total project value of approximately **Baht** 30 million



#### **Hospital**



- Parking Buildings no. 4 of Bangkok Hospital
  - Project Management Services, including Cost Management
  - Approximately 22,000 m<sup>2</sup> for Parking Building
  - Two buildings, 9-storey
  - A total project value of approximately **Baht** 270 million



- Samitivej Thonburi Hospital Renovation Phase I
  - Total Project Management Services,
     including Cost Management A total project
     value of approximately Baht 278 million



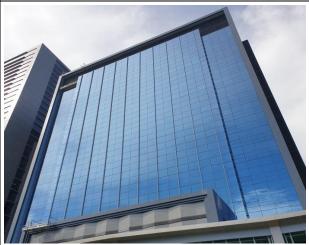
- Samitivej Thonburi Hospital Renovation Phase 2
  - Total Project Management Services, including Cost Management
  - A total project value of approximately **Baht** 70 million



#### **Hospital**



- Samitivej Thonburi Hospital Renovation Phase 3
  - Total Project Management Services, including Cost Management
  - A total project value of approximately **Baht** 44 million



- Office Building, King Chulalongkorn Memorial Hospital, The Thai Red Cross Society
  - Construction Management Services, excluding Cost Management
  - Approximately 30,000 m² for Hospital Building
  - 19-storey building
     A total project value of approximately **Baht** 1.5 billion



- Interior and Signage, King Chulalongkorn Memorial Hospital, The Thai Red Cross Society
  - Construction Management Services, excluding Cost Management
  - Approximately 2,000 m<sup>2</sup> for Hospital Building
  - 18-19-storey and M&E
  - A total project value of approximately Baht
     330 Million



## **Hospital**



- Proton Building, King Chulalongkorn Memorial Hospital, The Thai Red Cross Society
  - Construction Management Services, excluding Cost Management
  - Approximately 300 m<sup>2</sup> for Hospital
     Building 1-storey, 3-basements building
  - A total project value of approximately **Baht** 1.2 billion



## **Hospital**

## **Current Project**



## Meko Hospital

- Total Project Management Services, including Cost Management
- Approximately 2 Rais for land
- Approximately Building 14 Floors , 1 Basement and carpark building  $9,\!820~m^2$  GFA
- A total project value of approximately Baht
   270 million



#### **Factory**



- The Ichitan Factory Phase I, Rojana Industrial Estate, Ayutthaya
  - Construction Management Service, excluding Cost Management
  - Approximately 40,100 m<sup>2</sup> Factory with Mezzanine for Office
  - A total project value of approximately Baht
     2 billion



- The Ichitan Factory Phase II, Rojana Industrial Estate, Ayutthaya
  - Construction Management Service, excluding Cost Management
  - Approximately **14,500 m<sup>2</sup> Factory**
  - A total project value of approximately **Baht2.5 billion**



- SD 5 (Warehouse 3&4)
  - Construction Management Services,
     excluding Cost Management
  - Approximately 12 Rais for land
  - Approximately Building A 4,000 m<sup>2</sup> and Building B 4,000 m<sup>2</sup> for GFA
  - A total project value of approximately **Baht** 150 million



#### **Factory**



- Rungsit Pharmaceutical Phase 2 (RPP 2)
  - Construction Management Services, excluding Cost Management
  - Approximately 98 Rais for land
  - Approximately 122,000 m<sup>2</sup> for GFA
  - 14 Building
  - A total project value of approximately Baht
     5,500 million



## **Training Center**



- CP Leadership Institute, Nakonratchasima
  - Construction Management Service
  - Approximately 80,285 m<sup>2</sup> for Training Center, VIP Guest House and Fitness Center
  - A total project value of approximately **Baht 4.5 billion**.



#### **School**

### **Completed Project**



#### • Traill International School Bangkok

- Total Project Management Services, excluding Cost Management
- Approximately 1,000 m² new educational building with a swimming pool + renovation of approximately 600 m² basketball court and facilities + renovation of approximately 200 m² front and reception areas
- A total project value of approximately
   Baht 50 million



#### Rugby School Thailand (RST) Phase 3

- Cost Management Services (ID Work)
- Approximately 20,000 m<sup>2</sup> for International School such as
- Science Building 3 stories
- Senior Boarding House 4 stories
- Staff Accommodation 4 stories
- A total project value of approximately
   Baht 30 million



### Basis International School Bangkok (BISB)

- Total Project Management Services, including Cost Management
- Approximately 22,000 m² for
   International School such as educational building with football field, gymnasium, swimming pool and facilities
- Five Buildings. 3-storey, 1-Basement
- A total project value of approximately
   Baht 770 million



#### **School**



- Verso International School
  - Project and Construction Management
     Services, excluding Cost Management
  - Approximately 43,177 m<sup>2</sup> for International School such as educational building with football field, gymnasium, swimming pool and facilities
  - Five buildings, 2-3-storey
  - A total project value of approximately **Baht 1.9 billion**



#### **Golf Course and Club House**

#### **Completed Project**



#### **Gulf National Golf Club**

- **Total Project Management Services,** including Cost Management
- Approximately 16,000 m<sup>2</sup> for 10 Building, Tunnel, Driving Range, 4xKiosks, Feature Bridge, Entrance Bridge (As per detail from Owner)
- 1 Basement (Building 1-5)
- 3 Floors for Club House, 2 and 1 storey for other building
- A total project value of approximately Baht 500 million







#### **Ban Rakat Club Renovation**

- Total Project Management Services, including Cost Management
- Approximately 5,000 m<sup>2</sup> for Club Building, Driving Range and Car park 3-storey and Service Quarter 1-storey with Mezzanine Flool
- A total project value of approximately Baht 220 million



#### **Aquella Golf and Country Club**

- Total Project Management Services, including Cost Management
- Approximately 16,000 m<sup>2</sup> for 10 Building, Tunnel, Driving Range, 4xKiosks, Feature Bridge, Entrance Bridge (As per detail from Owner)
- 1 Basement (Building 1-5)
- 3 Floors for Club House, 2 and 1 storey for other building
- A total project value of approximately Baht 500 million



#### **Other**

#### **Completed Project**



#### Italthai Center Surat Thani

- Construction Management Services, excluding Cost Management
- Approximately 4,000 m<sup>2</sup> for Showroom and Office Building
- 1-storey building
- A total project value of approximately **Baht** 16 million



#### • KidZania Bangkok

- Total Project Management Services, excluding Cost Management
- Approximately 6,000 m<sup>2</sup> for edutainment center
- Level 5, Siam Paragon Shopping Center, Bangkok
- A total project value of approximately **Baht 500 million**



#### • Snow Town Gateway Ekamai

- Total Project Management Services, including Cost Management
- Approximately 3,000 m<sup>2</sup> for Big Snow Slope and Ski and Snow Board School
- Level 5, Gateway Ekamai Shopping Center, Bangkok
- A total project value of approximately **Baht** 17 million



#### **Other**

## **Completed Project**



#### • The Sukhothai Hotel Entrance

**Total Project Management** Services, **excluding** Cost Management comprised with works such as:

- Construction of Main gate, Stone walls and Guard house at entrance with operational entry to the hotel
- Main Entrance-cobble stoned road and granite walk way to the Ballroom drop off
- Softscape works
- Total project gross land working area is 3,552 Sq.m.
- A total project value of approximately
   Baht 60 million.



#### • The Sukhothai Tunnel

- Construction Management Services
- Approximately 17,000 Sq.m
- Tunnel link between The Sukhothai Hotel and The Sukhothai Residences
- A total project value of approximately Baht 100 million.



#### • HRR Phase 1 (Demolition)

- Construction Management Services
- Approximately 17,000 Sq.m
- 3 Building for demolition
- A total project value of approximately
   Baht 10 million



#### **Other**

## **Completed Project**



- Bridge to Hotel (Between Siam Kempinski Hotel and Siam Paragon), Bangkok
  - Total Project Management Services
  - Approximately **74 m<sup>2</sup> for bridge**
  - A total project value of approximately Baht
     20 million



#### • HRR Phase 2 (Demolition)

- **Construction Management Services**
- Approximately 17,000 Sq.m
- Dusit Thani Hotel 2 Building for demolition
- 1 Office Building
- A total project value of approximately
   Baht 86 million



#### • Future City Infrastructure

- Construction Management Services, excluding Cost Management
- Approximately 15,600 m² for Road and Foot path
- A total project value of approximately **Baht** 80 Million



## **Other**

## **Current Project**



- Demolition of 3 buildings with a concrete chain cutter (Wire Saw)
  - Construction Management Services
  - Approximately 6,000 Sq.m
  - Lherng Amornlert Building, Narathipapong Praphan-Suphin Building, Aphantree Pacha Building
  - A total project value of approximately
     Baht 14 million



# **Certification**







## สมาคมวิศวกรที่ปรึกษาแห่งประเทศไทย

หนังสือฉบับนี้ให้ไว้เพื่อแสดงว่า

บริษัท โปรเจ็ค แอลไลแอ็นซ์ จำกัด

ได้รับการอนุมัติเข้าเป็นสมาชิกนิติบุคคล

หมายเลขสมาชิก ๒๑๐๙

ตามใบอนุญาตเลขที่ ๘๓๑/๒๕๕๓

ตั้งแต่วันที่ ๑ เมษายน ๒๕๖๕

ถึงวันที่ ๓๑ มีนาคม ๒๕๖๖

(ครายเดย เพละพีทักษ์ราชิส)

เดชาธิการสมาคมวิศวกรที่ปรึกษาแห่งประเทศไทย

25000

(นายขาลิต จันทรรัสน์)

เมายาสมาคมริศวกรที่ปรึกษาแห่งประเทศไทย





อาศัยอำนาจตามพระราชบัญญัติสถาปนิก พ.ศ.2543

# สภาสถาปนิก

ออกใบอนุญาต เลขที่ น 006-65

ใหมา

บริษัท โปรเจ็ค แอลไลแอ็นซ์ จำกัด

/เป็นนิติบุคคลประเภท บริษัทจำกัด

ทะเบียนเลขที่ 0105548027564

ประกอบวิชาชีพสถาปัตยกรรมควบคุมที่เป็นนิติบุคคล

ริดิยมีผู้ได้รู้บใบอนุญาตประกอบวิชาชีพสถาบัดยกรรมควบคุม

นายสุชาติ ลัทธิธรรม (ส-สถ-125่3) มายปุกาสิต เวียร์า (ภ-สถ 3493)

เป็นผู้ผูกพันนิติบุคคลในการประกอบวิชาชีพสถาบัตยู่กรรมควบคุม

์ตั้งแต่ 15 กุมภาพันธ์ 2565

์ถึง 14 กุมภาพันธ์ 2568

พล.อ.ต.หมอมหลวง

(ประกิตติ เกษมสันต์)

(นายสุวัฒน์วสุรภิญโญกุล) เลขาธิการสภาสตาปนิก

ให้แสดงไว้ ณ ที่เบิดเผยในสถานประกอบการ





# วิศวกรรมสถานแห่งประเทศไทย ในพระบรมราชูปถัมภ์

มอบบัตรสมาชิกนิติบุคคล ประเภทรายปี

## บริษัท โปรเจ็ค แอลไลแอ็นซ์ จำกัด

หมายเลขสมาชิก C2-277 ระหว่างเดือนกรกฎาคม 2564 - กรกฎาคม 2565

ให้ไว้ ณ วันที่ 13 กรกฎาคม 2564

Many Many

คร.ธเนส วีระสิริ นายก วสท. นายจีระศักดิ์ ปราชญ์โกสินทร์ เลขาชิการ วสท.

ศ.ตร.ชวลิต รัตนธรรมสกุล นายทะเบียน วสท.















## บริษัท โปรเจ็ค แอลไลแอ็นซ์ จำกัด

128/68 ห้อง 6 โอ ขั้น 6 อาคารพญาไทพลาซ่า ถนนพญาไท แขวงทุ่งพญาไท เขตราขเทวี กรุงเทพมหานคร 10400 ประเทศไทย

> บูโร เวอริทัส เซอทิฟิเคชั่น รับรองว่าระบบบริหารงานขององค์กรบี้ ได้รับการตรวจประเมินและพบว่าสอดคล้อง กับข้อกำหนดของมาตรฐานระบบบริหารตามรายละเอียดต่อไปนี้

> > มาตรฐาน

#### ISO 9001:2015

#### ขอบข่ายการรับรอง

การบริหารโครงการประกอบด้วย:

- การบริหารงานก่อสร้าง
- การบริหารความเป็นไปได้ของโครงการ
- การบริหารการศึกษาแนวคิดเบื้องต้น
- การบริหารการออกแบบ
- การบริหารค่าใช้จ่าย
- การบริหารเวลา
- การบริหารการจัดชื้อ จัดจ้างของลูกค้า
- การบริหารความปลอดภัย
- การบริหารการเดินระบบ
- การบริหารการส่งมอบ

ได้รับการอนุมัติครั้งแรกเมื่อ

วันที่ใบรับรองหมดอายุของรอบการรับรองที่ผ่านมา

วันที่ตรวจเพื่อให้การรับรอง

รอบการให้การรับรองเพื่อต่ออายุมิผลจากวันที่

ภายได้เงื่อนไทการดำเนินการของระบบบริหารงานที่เป็นที่น่าพอใจอย่างต่อเนื่องขององค์กรดังกล่าว

ใบรับรองนี้หมดอายุวันที่

30 ตุลาคม 2566

30 คุลาคม 2563

31 ดุลาคม 2551

N/A

N/A

เลขที่ในรับรอง TH016185

แก้ไขครั้งที่ 01

วันที่มีผลบังคับใช้

30 ตุลาคม 2563





สำนักงาน: บริษัท บูโร เวอริทัส เยอทีฟิเดชั้น (ประเทศไทย) จำกัด ขึ้น 16 อาการกรุมทหหาวเวอร์ 2170 ณ.พบรบุรัสัสโหม่ บางกะปี หัวยรวาง กรุงเทพฯ 10310 ประเทศไทย

หากลัยงการตรวจสอบถึงผลบังคับใช้ของในวันรองนี้โปรคติคตร (+662-670-4800)

คำอธิบายเพิ่มเดิมเกี่ยวกับของบายของโบรับรองนี้และการประยุกดีใช้ข้อกำหนดของ ระบบบรีษารงาน สามารถติดต่องอรับได้จากองศ์กรดังกล่าวผานที่อยู่ที่ระบุไว้ด้วนบน

1/1





## PROJECT ALLIANCE CO., LTD.

128/68, UNIT 6 O, FLOOR 6, PAYATAI PLAZA, PHAYA THAI ROAD, THUNG PHAYA THAI, RATCHATHEWI, BANGKOK 10400, THAILAND

Bureau Veritas Certification Holding SAS - UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below

#### ISO 9001:2015

Scope of certification

SERVICE OF TOTAL PROJECT MANAGEMENT INCLUDED:

- CONSTRUCTION MANAGEMENT
- FEASIBILITY MANAGEMENT
- CONCEPTUAL STUDY MANAGEMENT
- DESIGN MANAGEMENT
- COST MANAGEMENT
- TIME MANAGEMENT
- PROCUREMENT MANAGEMENT
- SAFETY MANAGEMENT
- COMMISSIONING MANAGEMENT
- HANDOVER MANAGEMENT

Original cycle start date: 31 October 2008

Expiry date of previous cycle :

Certification / Recertification Audit date : NA.

30 October 2020 Certification / Recertification cycle start date:

Subject to the continued satisfactory operation of the organisation's

30 October 2023 Management System, this certificate expires on:

30 October 2020 Certificate no.: TH016186 Version: 1 Issue Date:



Signed on behalf of BVCH SAS UK Branch

Certification Body Address: 6th Floor , 66 Prescot Street, London, E1 BHG, United Kingdom

Local office: Bureau Veritas Certification (Thailand) Ltd. 16th Floor, Bangkok Tower, 2170 New Petchburi Road, Bangkapi, Huaykwang, Bangkok 10310, Thailand

Further clarifications regarding the scope of this cartificate and the applicability of the management system requirements may be obtained by consulting the organisation

