

# Greater Mekong Sub-region Highway Modernization Project

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13.10.2020



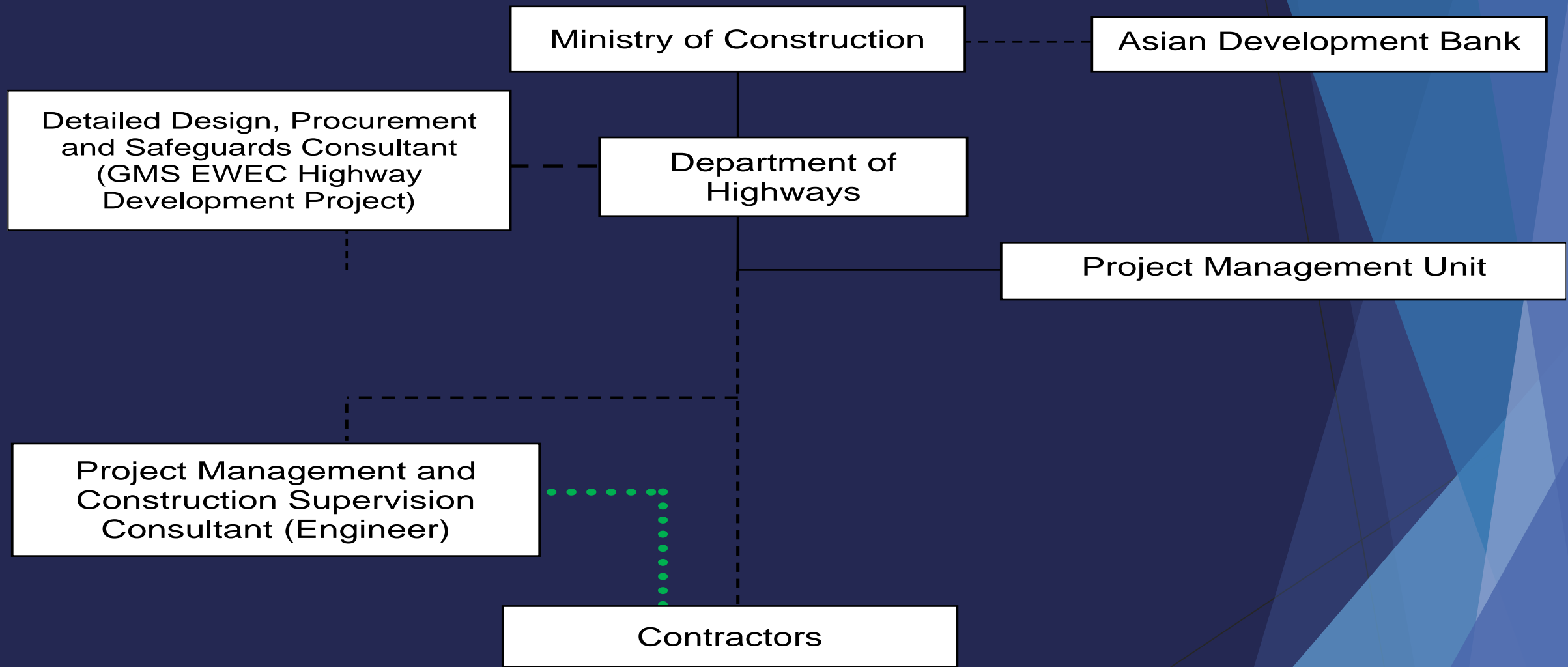
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# 1. Basic Project Over View

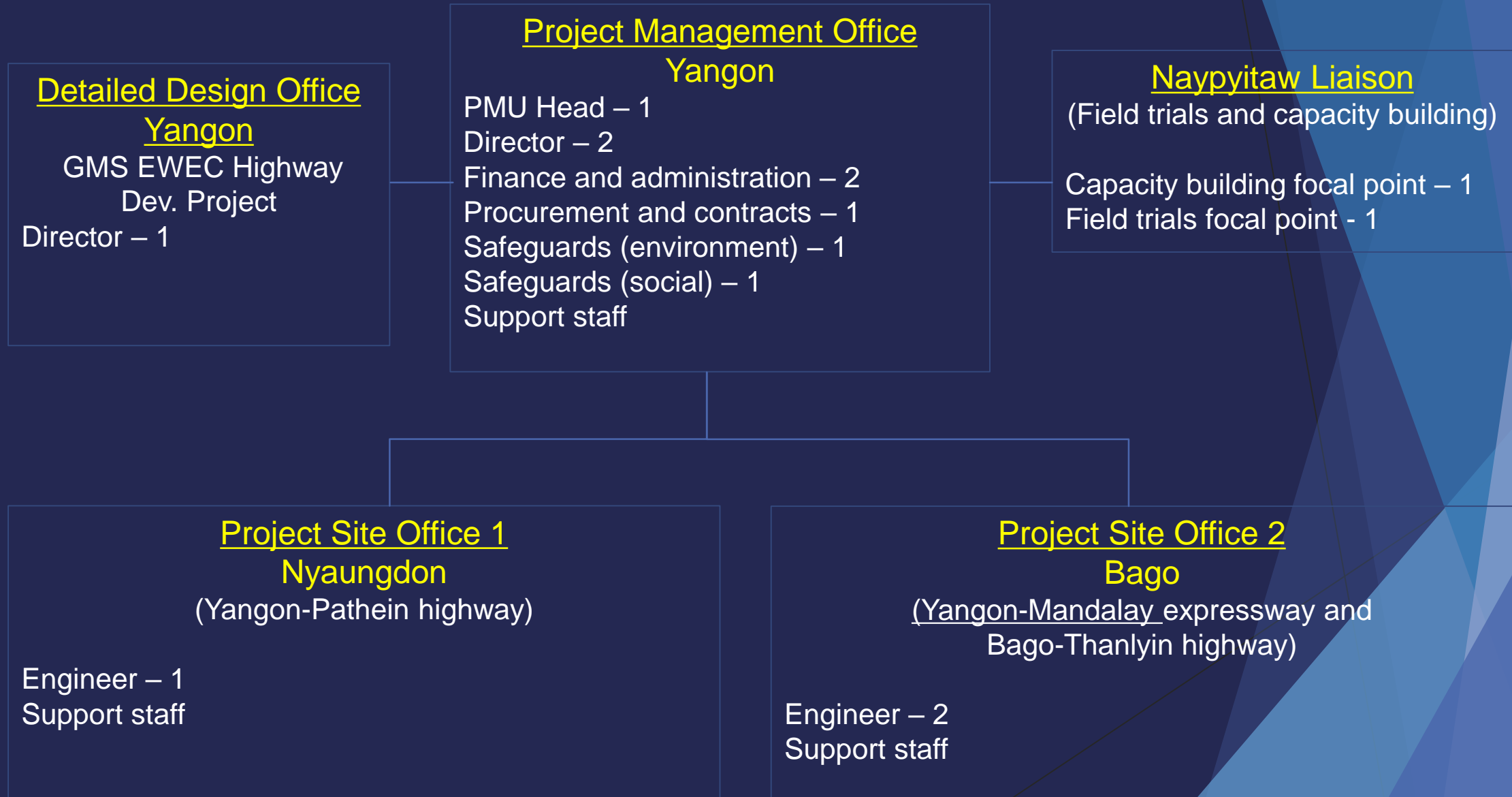
<b>Project Name</b>	<b>Greater Mekong Sub-region Highway Modernization Project (GMS HMP)</b>
<b>Loan</b>	ADB Loan
<b>Loan Amount</b>	(326 )million USD
<b>Date of Loan Agreement:</b>	December 2018
<b>Loan Effectiveness</b>	February 2019
<b>Loan Closing Date</b>	June 2025
<b>Work Scope</b>	<ul style="list-style-type: none"><li>➤ Improvement of Bago- Thanlyin (99km) section.</li><li>➤ Improvement of Yangon- Mandalay Expressway (65 km).</li><li>➤ Road Safety Improvement of Yangon- Mandalay expressway (530 km).</li><li>➤ Detailed Design for other Highway projects ( Y-P and B-K)</li><li>➤ CS1 - Project Management and Construction Supervision Consulting ( PMCSC for supervision of all Civil works, detailed design and other preparation works except B-K)</li><li>➤ CS2 - Detailed Technical Preparation for Bago-Kyaikto Highway.</li></ul>

# Figure 1: Project Organization Chart

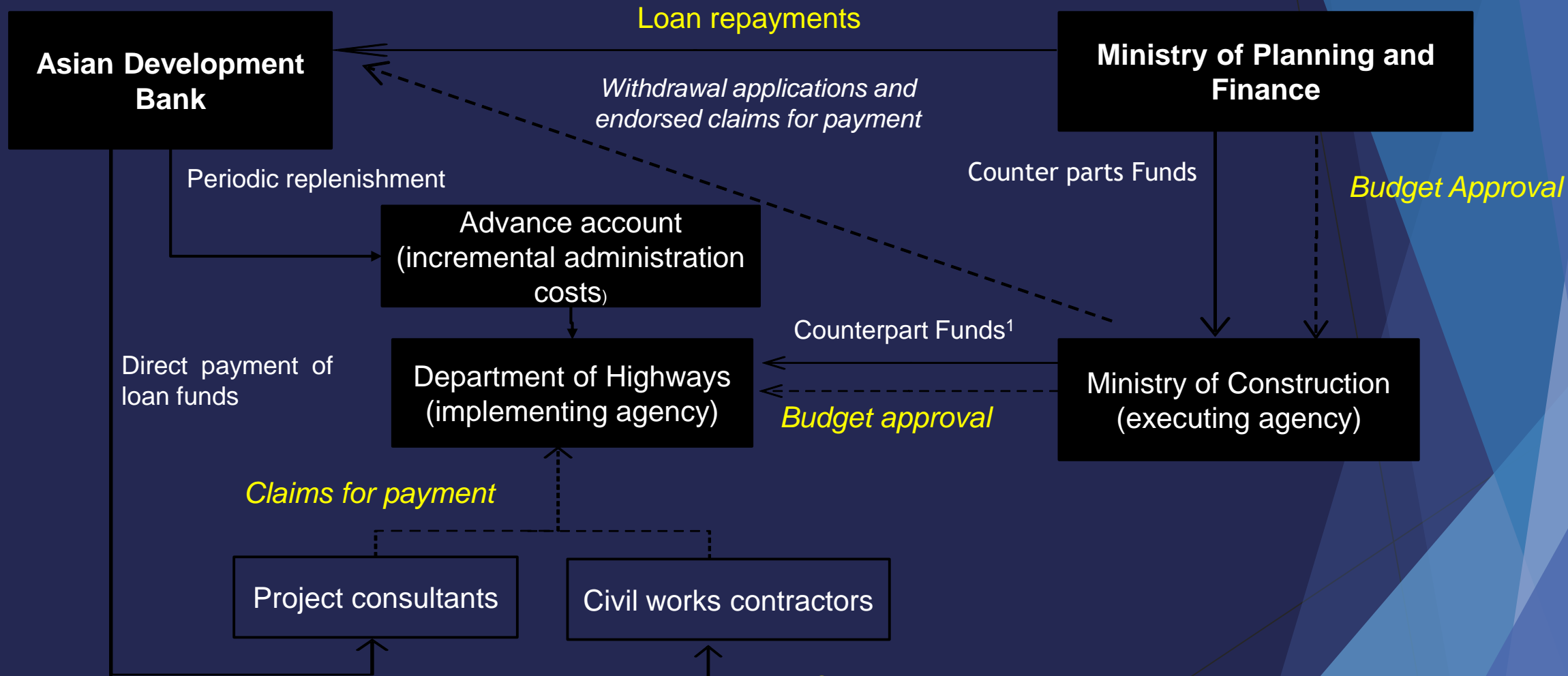


— Administrative relationship    ..... Supervision  
- - - Contractual relationship

# Project Management Unit Organization Chart



# Funds Flow Diagram from ADB and the Borrower



## Legend:

- Fund flow
- - - - - Requests and approvals

## Supporting Agreements:

Loan Agreement between ADB and the Government of Myanmar  
 Management Agreement between Ministry of Construction and Department of Highways

# Yangon-Mandalay Expressway

- ❖ The Yangon-Mandalay Expressway (“Y-M Expressway”) opened in 2011 and is a two-way four-lane expressway connecting Myanmar’s main commercial centers Yangon and Mandalay with the capital Naypyidaw .
- ❖ It is a key corridor for logistics delivery and road transport .
- ❖ The Expressway offers a travel time of 7 hours from Yangon to Mandalay.



# Improvement of Yangon- Mandalay Expressway

- ❖ Improving the safety and efficiency of the Yangon-Mandalay Expressway (including allowing the road to be used by large trucks) will reduce transportation and logistics costs in Myanmar which will lead to increased competitiveness for goods and services and facilitate increase trade with neighboring countries.
- ❖ The Y-M Expressway has not been built to international standards and significant safety issues have been identified .
- ❖ **Project Management Unit (PMU) fall into the following 7 categories:**
  - Project Management Planning,
  - Cost Management,
  - Time Management,
  - Quality Management,
  - Contract Administration, and
  - Safety Management .

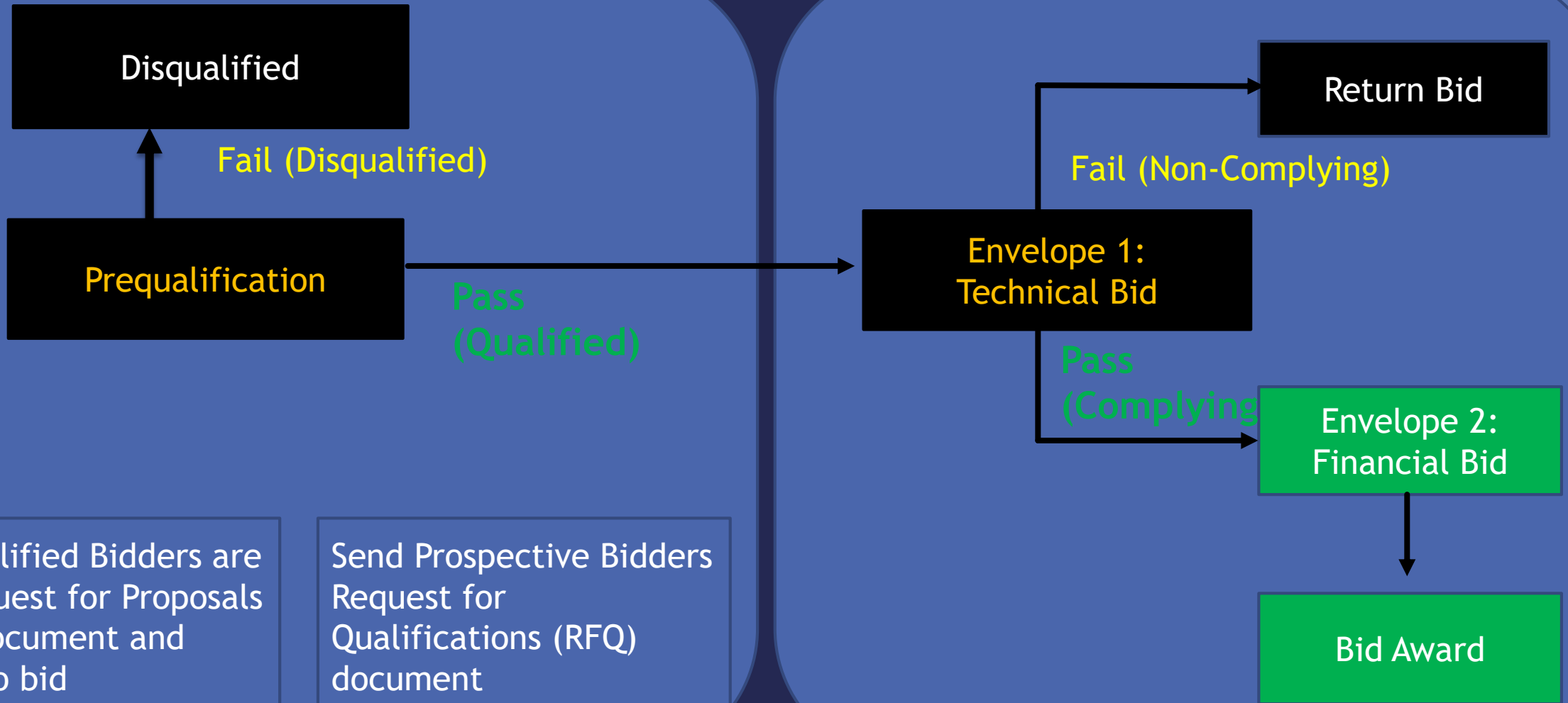


# Preliminary Tender Timetable

- Request for Expressions of Interest issued by MOC.
- Following the EOI, there will be a Request for Qualifications (RFQ) to shortlist bidders.
- EOI's are not binding and submitting an EOI is not a prerequisite for responding to the RFQ.
- EOI is only for registering interest in the project. Screening and shortlisting will take place at the Request for Qualifications (RFQ) stage which will follow the EOI stage.
- Consortium do not need to be fully formed at this time and companies can submit individual or group EOIs.
- RFQ document will set the rules governing consortium and changes to consortium members .



# 2-Stage bid process # 1) Prequalification 2) Two envelope Bid Submission



# For evaluation of technical proposals

List of shortlisted entities who submitted the technical proposal

- Country
- Lead/ JV member or Sub consultant
- Understanding of objectives
- Qualification
- Work Program
- Approach and Methodology
- Personnel (Areas of Expertise)

Task 1 Civil works contract supervision including implementation of resettlement plan, social safeguards, environmental safeguards, and other tasks.

Task 2 Project Management Support to PMU in all required aspects.

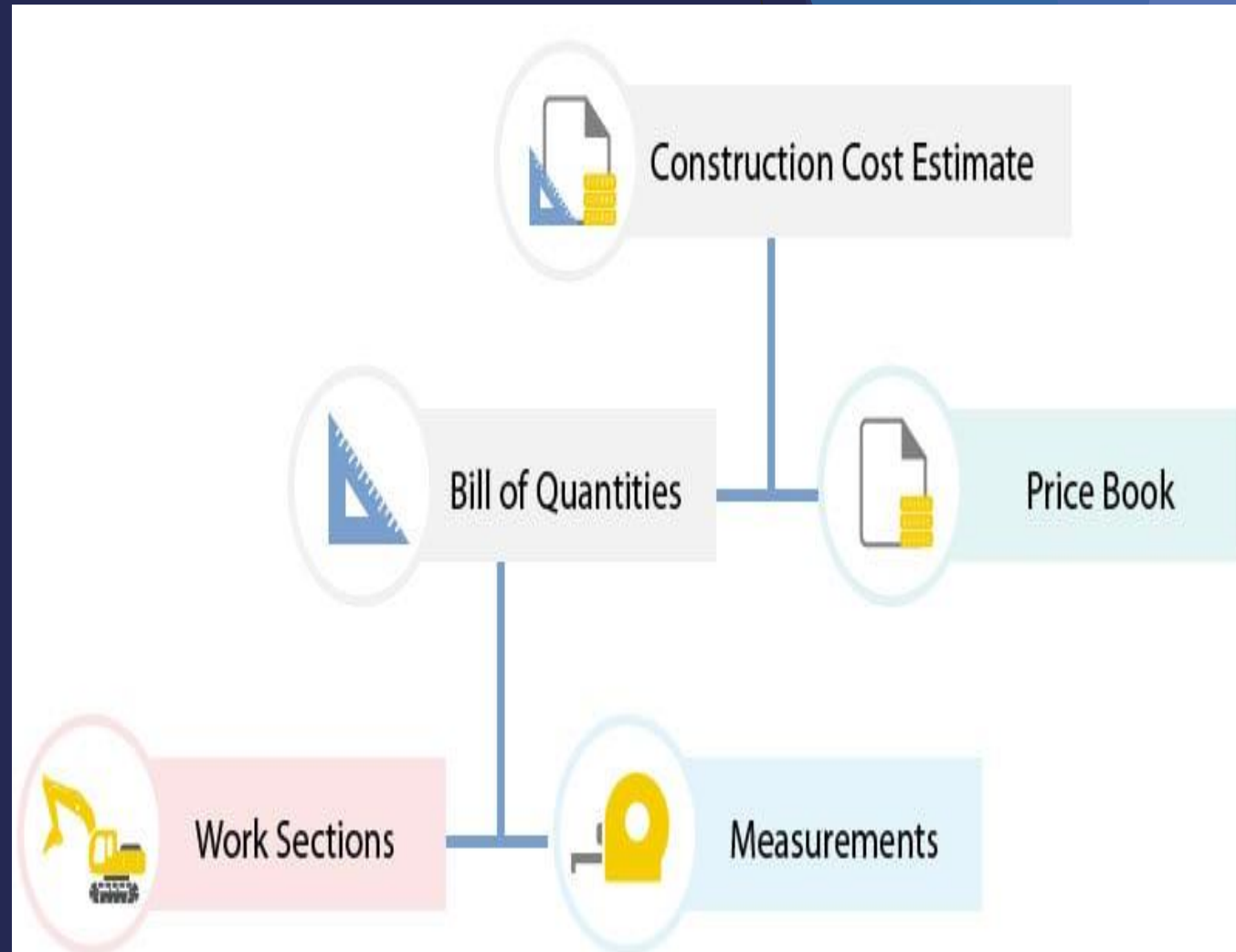




# Summary Bills of Quantities for road Project

Work Items The Bill of Quantities contains the following part Bills:

- 1) Preliminaries
- 2) Earthworks and Road Construction
- 3) Sub-Base and Base Course
- 4) Pavement Works
- 5) Structures
- 6) Drainage and Protection Measures
- 7) Ancillary Works
- 8) Dayworks



# Bill Of Quantities for Road Project Detail Description

## Preliminaries

1. Quality control
2. Surveys and Setting out
3. Facilities for the Engineer

## Earthworks and Road Works

1. Demolition of carriageway
2. Excavation
3. Embankment

## Sub-Base and Base Course Pavement Works

1. Prime coat
2. Tack coat
3. Asphalt Concrete wearing course

## Ancillary Works

1. Guard rails
2. Markers, Guide posts and other road furniture
3. Road Signs
4. Marking

## Day works

1. Labor
2. Materials
3. Equipment

## 6 Drainage and Protection Measures

1. Reinforced concrete culverts
2. Minor Drainage Structures

# Project Implementation

- A loan from the Asian Development Bank (ADB) no. 3199-MYA for US 347\$million was approved on 10 February 2015 to finance the Maubin Pyapon Road Rehabilitation Project (MPRRP) and consulting services.





# Project Description

- The Project lies between the towns of Maubin and Pyapon in the Ayeyarwaddy Division of Myanmar.
- The road is a priority link in the Government's key infrastructure development agenda in order to improve connectivity in the delta and to reduce the incidence of poverty in this region of Myanmar.
- The primary objective of the Project is to contribute to this agenda by providing a higher capacity, reliable, sustainable, maintainable and safer road system to serve the region.
- The Maubin-Pyapon Road Rehabilitation Project involves the reconstruction and widening of 54.5 kilometers of road (including 2 sections through urban areas) and also bridge and drainage structure improvements.
- Three towns are traversed by the project namely: Maubin, Kyaiklat, and Pyapon.

# Note Reference

- Highway Engineering Report, Project Number: 47086, March 2014, MYA: Maubin-Pyapon Road Rehabilitation Project. Asian Development Bank.
- Prepared by M. Zachara, Highway Engineer/Consultant for the Asian Development Bank.
- Contract for Consultant's Services, Maubin Pyapon Road Rehabilitation Project. Ministry of Construction, Department of Highways, September 2015.
- FIDIC Pink Book MDB Harmonized Edition 2010, Procurement Type,
- International Competitive Bidding (ICB)
- SELECTION OF CONSULTANTS REQUEST FOR PROPOSALS
- Bidding Document for Procurement of Rehabilitation Y-M Expressway

# Thanks for yours Attention





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