



PRE-QUALIFICATION

DESIGN AND BUILD FOR UPGRADING AND STRENGTHENING OF WHARF 22 TO WHARF 25 FOR NORTHPORT (MALAYSIA) BHD

1.0 General

Northport (Malaysia) Bhd is desirous of engaging the successful Tenderer(s) to undertake the Pre-Qualification of the Design and Build Contract for Upgrading and Strengthening of Wharves 22-25 and Associated Works.

2.0 Purpose of the Document

This Pre-Qualification Document ("PQD") is issued by **Northport (Malaysia) Bhd ("Northport")** to invite applications from suitably qualified and experienced contractors for consideration to participate in the forthcoming tender for the Design and Build Contract for Upgrading and Strengthening of Wharves 22-25 And Associated Works ("the Project").

The objective of this pre-qualification exercise is to identify contractors possessing the requisite technical, financial and managerial capacity to execute a complex marine civil-engineering project under a Lump Sum Design & Build arrangement in accordance with the Condition of Contract for Design and Build Contract, JKR/PWD Form DB (Rev.1/2010).

3.0 Background

Northport (Malaysia) Bhd operates one of the principal gateway ports within Port Klang, handling a wide range of containerised, conventional and liquid cargo. The port's continuing growth and operational demands require periodic enhancement of its waterfront infrastructure. Wharf 22–25, located along the container terminal precinct, serves as a key interface between land and sea operations and has reached a stage where structural upgrading and capacity strengthening are essential to support larger vessels and increased throughput.

4.0 Project Overview

The proposed project covers the upgrading, strengthening and partial refurbishment of Wharves 22 to 25, including associated bridge approaches, which includes the reconstruction of several bridge spans and major under-bridge structural repairs, marine fittings and utility networks. The upgraded wharf shall be designed to accommodate vessels of up to 80,000 DT with a Uniformly Distributed Load (UDL) of 5 tonnes per square metre on the deck. The works will involve demolition of deteriorated elements, construction of a new wharf extension substructure and superstructure, installation of fenders, bollards, and mooring accessories, dredging to design depth, and relocation of existing utility lines.

5.0 Eligibility Requirements

Applicants must meet the following minimum eligibility criteria to qualify for consideration:

(a) Company Registration

- Registered in Malaysia with a valid Companies Commission of Malaysia (SSM registration).
- Possess valid CIDB (Construction Industry Development Board) registration, minimum Grade G7, Category CE (Civil Engineering) and ME (Mechanical & Electrical), specialization in Marine Construction / Wharf / Jetty Works, and the relevant sub-category for Category ME.

(b) Financial Capacity

- Minimum average annual turnover of RM50 million over the past three (3) financial years.
- Demonstration of sound financial standing through audited financial statements for FY2022, FY2023, and FY2024, together with 2025 management accounts (where applicable) and the latest bank statements. Supporting documents on financial standing, such as credit facilities, shall also be provided.
- No ongoing litigation or bankruptcy proceedings.

(c) Technical Experience

- Completed at least three (3) Design and Build or Marine Civil Works projects of similar nature and complexity within the last ten (10) years.
- Each project shall have a minimum contract value of RM50 million.
- Provide references and contact details of previous clients for verification.

(d) Personnel & Resources

- Availability of experienced civil and structural consulting engineer specializing in port construction, marine works specialists, mechanical and electrical consulting engineer and construction management team.
- Access to necessary construction plant and equipment (e.g., marine piling rigs, cranes, barges, and concrete batching facilities)

(e) Safety & Quality Management

- Certified ISO 9001 (Quality Management), ISO 14001 (Environmental Management), and ISO 45001 (Occupational Health & Safety).
- Demonstrated track record of implementing safety and quality assurance systems in past projects.

(f) Legal & Regulatory Compliance

- No record of contract termination, suspension, or blacklisting by any government agency, GLC, or statutory body.

- Compliance with all Malaysian laws, including Employment Act, OSHA, and Environmental Quality Act.

6.0 Detailed Scope of Works (for info)

The Works shall include, but not be limited to, the following components:

(a) Surveys, Investigations, and Preliminary Works

- Conduct boundary, topographical, and hydrographical surveys covering the proposed wharf and bridge areas.
- Undertake geotechnical investigations, including borehole drilling, soil sampling and laboratory testing to determine design parameters.
- Perform pile load testing (static and dynamic) and confirm soil capacity prior to final structural design.
- Provide temporary works, site clearing, hoarding, access and utilities relocation required to commence construction.

(b) Design and Engineering

- Prepare detailed design calculations, structural analysis and design drawings and shall be endorsed by the appointed consultant .
- Ensure that all structural elements meet design requirements for a Uniformly Distributed Load (UDL) of 5 t/m², suitable for handling vessels of up to 80,000 DT.
- Submit design reports, method statements and construction sequencing plans, including environmental and safety considerations.
- Integrate existing wharf structures with new construction while maintaining operational continuity of port activities.

(c) Wharf and Bridge Structures

- Design and construct a new reinforced concrete wharf substructure and superstructure, complete with deck slab, beams, piles, fenders, bollards, and mooring accessories.
- Carry out refurbishment and strengthening works for Wharf 22 & 23 and Bridge 13 to extend their service life.
- Conduct structural assessment and conditional rehabilitation of Wharf 24 & 25 and Bridge 14 & 15 as a provisional scope.
- Apply anti-corrosion protection systems and marine-grade coatings to all exposed structural elements.

(d) Fendering and Mooring Systems

- Supply and install new fenders, bollards, mooring hooks, ladders and safety chains, designed to accommodate the specified berthing energy of large vessels.

- Remove existing damaged or obsolete fender units and dispose of them in an approved manner.
- Ensure fender alignment and embedment comply with manufacturer recommendations and approved shop drawings.

(e) Dredging Works

- Carry out maintenance or capital dredging as necessary to achieve the design depth along the berthing line.
- Dispose of dredged materials at designated locations approved by the authorities.
- Conduct pre- and post-dredging surveys to verify compliance with design depth tolerances.

(f) Civil and Ancillary Works

- Construct curbs, drainage, utility trenches, manholes and pavement works leading to and from the wharf area.
- Install kerbs, guardrails, road markings, and painting works.
- Provide proper site drainage and stormwater management systems.
- Reinstate all disturbed areas and ensure neat completion of the site.

(g) Utilities Relocation and Upgrading

- Relocate and upgrade existing water supply, firefighting pipelines, electrical conduits, communication ducts and other relevant utilities affected by the Works.
- Coordinate with Northport's Facilities Department and local utility authorities to ensure uninterrupted service.
- Provide new utility provisions in accordance with the approved design layout.

(h) Safety, Health and Environmental Compliance

- Comply with the Occupational Safety and Health Act (OSHA 1994), the Factory and Machinery Act, and the Environmental Quality Act requirements.
- Prepare and implement comprehensive Safety & Health Management Plans (SHMPs) and Environmental Management Plans (EMPs).
- Maintain full safety supervision and access control in the port's operational areas to avoid disruptions to cargo handling activities.

(i) Testing, Commissioning, and Documentation

- Conduct all required testing and inspection, including but not limited to concrete strength, pile integrity, load testing, marine fenders performance and durability test, bollard pull-out capacity test and survey verification.
- Submit as-built drawings, operation and maintenance manuals and test reports upon completion.

- Provide defect liability support and warranty for materials and workmanship for a period as specified in the contract.

(j) Obtain Certificate of Completion and Compliance (CCC)

- Liaise with Majlis Bandaraya Diraja Klang (MBDK) and any other relevant authority to obtain CCC for the project.

7.0 Contractor's Responsibilities

The Contractor shall be fully responsible for:

- (a) Design adequacy, safety, and constructability of all works.
- (b) Compliance with all codes, standards, and statutory requirements.
- (c) Coordination with Northport operations to minimize disruption.
- (d) Engagement of qualified sub-consultants and specialist subcontractors.
- (e) Timely completion of the Works within the approved program and cost.
- (f) Submission of all required design deliverables, reports and permits.

8.0 Performance Requirements

- **Design Life:** Minimum 50 years for structural components.
- **Operational Capacity:** Accommodate vessels up to 80,000 DT with 5 t/m² deck loading.
- **Durability:** Marine environment exposure class per BS EN 206 / MS 1195.
- **Handover:** All works to be completed, tested, and certified fit for operation by relevant authorities.

9.0 Coordination and Interface

The Contractor shall coordinate all activities with:

- Northport's Facilities, Operations, and HSES Divisions;
- Port Authority and regulatory agencies (PKA, Marine Department, DOE, DOSH, CIDB, JKR);
- Adjacent contractors or tenants operating within the project area.

10.0 Provisional / Optional Works

The Employer reserves the right to include provisional works, such as:

- (a) Strengthening of Wharf 24–25 and Bridge 14–15, subject to further assessment.
- (b) Additional dredging, fender realignment or slope protection.
- (c) Extension of utilities beyond the immediate project boundary.

TENDERERS' INFORMATION

PROFILE OF TENDERER FOR PRE-QUALIFICATION PARTICIPATION

Name of Company & Registration No:

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.....

Business/Mailing Address :

.....
.....

Type of Company :

.....
(Sole Proprietor, Partnership, Limited/Unlimited, Public Listed)

Telephone No.:.....

Fax No. :.....

Mobile No.:.....

Website :

Email :

SST Registration No. Date :

Dear Sirs

1. We, the tenderer participating in Northport's Pre-Qualification hereinafter authorize Northport or its authorized representatives to conduct any investigations deemed necessary to verify the statements, documents and information submitted in this Application as true and correct. For this purpose, we shall authorize any public official, engineer, bankers, manufacturer, distributor, etc. or any other person or firm to furnish pertinent information deemed necessary as requested by **NORTHPORT** for verification of statement and information provided in this Application or regarding our competence and standing.

2. **Names & Designation/Positions of Key Management Personnel** as follows:-

a) Managing Director/CEO/COO :

b) Deputy MD/General Manager :

c) CFO/Head-Finance/Accounts:

d) GM/Head, Human Resource:

e) Project Manager :

3. **Core Business of the company / Business Activities:-**

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4. We, acknowledge that certain changes may be incorporated in the Pre-Qualification proper due to changes in operational requirements and as a result, there may be increase or decrease in the quantities and/or specifications. In such an event, we shall be prepared to submit our bids based on the new revised quantities and/or specifications.
5. We, the undersigned are the **authorised signatories** of the company and hereby declare that the statements and information provided are complete, valid, true and correct in every details.

Signature of Applicant :

 Name in Full :

 Designation :

 Name of Company :

(Please affixed the company's rubber stamp)

PART 1 - GENERAL INFORMATION OF COMPANY

PART I - PARTICULARS OF COMPANY'S STRUCTURE

- 1.1 **Particulars of Authorised Capital, Paid-Up Capital , Working Capital**
 (as per latest Annual Return issued under Section 68 / Annual Return Where Particulars are unchanged issued under Section 68(6) /relevant documents - Certified True Copy **MUST** be attached)

Authorized Capital	Paid-Up Capital	Working Capital

- 1.2 **Particulars of Shareholdings**
 (as per latest Return of Allotment of shares issued under Section 78 (Form 24) – Certified True Copy **MUST** be attached)

No	Details of Shareholders	No. of Shares Held	Percentage of Shares held
	Total Shares		100%

(Pls provide additional pages if insufficient space to fill)

1.3 Particulars of Directors

(as per latest **Notification of Change in the Register of Directors, Managers and Secretaries** issued under **Section 58 (Form 49) – Certified True Copy MUST** be attached)

No	List of Names	Designation held in company

(Please provide additional pages if insufficient space to fill)

1.4 Key Management Personnel

(Latest Organization Chart **MUST** be attached)

No	List of Names	Designation	Year of Employment

1.5 Site Management/Technical /Servicing Personnel

(Latest Organization chart **MUST** be attached)

No	List of Name	Designation	Year of Employment

(Pls provide additional pages if insufficient space to fill)

1.6 Total Workforce /Manpower Headcounts

Category	Bumiputra	Non-Bumiputra	Foreign	Total	Percentage (%)
Senior Management					
Administrative					
Technical					
Clerical					
General Worker, etc					
TOTAL					

PART 2 - INFORMATION ON LICENCES AND CERTIFICATIONS

PART 2 - Particulars of Licences issued by Local Authority/Approving Authority

2.1 Particulars of Approved Licence issued by :

- **Pusat Khidmat Kontraktor (PKK), Kementerian Pembangunan Usahawan Malaysia .**

Certificate No.	Approved Date	Class/Grade	Head/Sub-Head	Approved Period

(Photocopy of Valid License **MUST** be attached)

2.2 Particulars of Approved Certification issued by :

- **Kementerian Kewangan Malaysia /Ministry of Finance Malaysia (MOF)**

Certificate No.	Approved Date	Class	Head/Sub-Head	Approved Period

(Photocopy of Valid License **MUST** be attached)

- 2.3 Particulars of Approved Licences issued by :
 - **Construction Industry Development Board (CIDB).**

Certificate No.	Approved Date	Grade	Code No.	Approved Period

(Photocopy of Valid License **MUST** be attached)

- 2.4 Particulars of Licence Approved by **Suruhanjaya Tenaga (ST)** (Energy Commission)

Certificate No.	Approved Date	Grade/Class	Type	Approved Period

(Photocopy of Valid License **MUST** be attached)

- 2.5 ISO Certifications or Other Accreditations (if any)

Certificate No.	Approved Date	Class	Head/Sub-Head	Approved Period

(Photocopy of Valid Certificates/Accreditation **MUST** be attached)

- 2.6 Other License

Certificate No.	Approved Date	Class	Head/Sub-Head	Approved Period

(Photocopy of Valid Other License **MUST** be attached)

PART 3 - FINANCIAL INFORMATION

PART 3 - Particulars of Financial Information

3.1 Business Turnover

Description	2025	2024	2023	2022
	(RM)	(RM)	(RM)	(RM)
Civil & Structural Works				
Mechanical & Electrical Works				
Supply of Labour				
Others (Pls specify)				

3.2 Financial Data - Financial Statement/Audited Accounts **MUST** be filled and attached.

No	Description	2024	2023	2022
		(RM)	(RM)	(RM)
1.	Authorised Capital			
2.	Issued and Paid-Up Capital			
3.	Reserves, Retained Profit and Minority Shareholders' Interest			
4.	Total Income			
5.	Current Assets			
6.	Investments			
7.	Fixed and Other Assets			
8.	Total Assets			
9.	Current Liabilities			
10.	Other Liabilities & Reserve			
11.	Total Liabilities			

No	Description	2024	2023	2022
		(RM)	(RM)	(RM)
12.	Net Worth			
13.	Working Capital			
14.	Debt Equity Ratio			
15.	Working Capital to be Guaranteed by Banking Institutions			
16.	Other Available Credit Resources			

Other Financial Information

1. Name & Address of **Leading Commercial Bank(s)** providing the Credit Line :-

2. **Total Amount of Credit Line**

- i) Secured Overdraft for the project RM_____
- ii) Acceptable Letter of Guarantee RM_____

3. **Banking Facilities with local banks (Current Accounts facilities)**

Name of Banks	Locations of Bank

4. **Authorized Signatories of Company's Cheques**

Name in full	Designation

5. Other Credit Resources :-

- i)
- ii)
- iii)

IMPORTANT NOTE:-

- 1) It is **MANDATORY** for the participating companies to provide the letter from the Banks/Financial Institutions confirming the latest status of available Financial Facilities of amount granted, amount unutilized and duration of such facilities.
- 2) Certified True Copy of Latest 3-Years Audited Accounts **MUST** be attached.

.....
**Signature of Chief Financial Officer/
Accountant**

.....
Signature of Applicant Company

Name:.....

Name:.....

Designation :.....
(Company's rubber stamp)

Designation :
(Company's rubber stamp)

I/C No.:.....

I/C No.:.....

Date:

Date:

PART 4 – EXPERIENCE RECORD

4.0 PAST PROJECTS - Projects completed in the last 5-Years and more

[illegible]

NB : Indicate in the 'REMARKS' Column other relevant particulars.
(Pls provide in separate sheets if space is insufficient)

NB : Indicate in the `REMARKS' Column other relevant particulars.
(Pls provide in separate sheets if space is insufficient)

EXPERIENCE RECORD (Cont'd)

4.0 PAST PROJECTS - Projects completed in the last 5-Years and more

NAME OF CLIENT	NAME & TYPE OF PROJECT	LOCATION OF PROJECT	TOTAL CONTRACT VALUE (RM)	JOINT VENTURE %	DATE COMMENCED (dd/mm/yy)	DATE COMPLETED (dd/mm/yy)	REMARKS

NB : Indicate in the `REMARKS' Column other relevant particulars.
(Pls provide in separate sheets if space is insufficient)

PART 5 – EXPERIENCE RECORD

EXPERIENCE RECORD

5.0 CURRENT PROJECTS – Projects awarded and currently in progress and yet to be completed.

[illegible]

NB : Indicate in the 'REMARKS' Column other relevant particulars.
(Pls provide in separate sheets if space is insufficient)

PART 6 - PROJECTS TENDERED BUT YET TO BE AWARDED

6.0 List of Project tendered but yet to be awarded.

NO.	NAME OF PROJECT	LOCATION	ESTIMATED VALUE (RM)	ESTIMATED CONTRACT PERIOD		REMARKS*
				DATE OF COMMENCEMENT	DURATION (MONTHS)	

Note

* Tenderer shall indicate in the "REMARKS" Column their relative position for each tender submitted using the following code:-

- X/Y where X denotes their relative ranking in ascending order,
 - Y the total number of tenders returned.
- eg. 1/10 for the lowest out of a total of 10 tenders returned for a particular job.
10/10 for the highest out of a total of 10 tender returned for a particular job

PART 7 – ASSETS OWNED

7.0 ASSETS OWNED – including Properties, Equipment/Machineries and/or other facilities.

No	Type of Assets Owned	Location	Estimate Value (RM)

For any enquiries on this Pre-Qualification, Tenderer may contact the personnel at Tender Section as below:-

Tender Section Personnel	Designation	Tel.: 03-3169 8888
Pn Siti Zalekha Baizura Jayus	Head	Ext. 10983
Pn Norkhaizan Khairuddin	Asst. Manager	Ext. 10924
Pn Aimi Syazreen Ab Murad	Senior Executive	Ext. 10925
En Khairul Hafiz	Executive	Ext. 11917

Pre-Qualification Documents submitted after the closing date and time shall be rejected / disqualified.

Tenderer is hereby confirm and acknowledge that he has read and understood the tender requirements, terms, conditions of this tender stipulated herein and have examined the Pre-Qualification Documents and found the documents to be in order.

Signature of Tenderer : _____

Name in Full & NRIC : _____

Position in Company : _____

Name of Company : _____

Address & Company's Rubber Stamp : _____

Date : _____