



**TENDER FOR  
Development of Container Handling Facilities on EPC Basis at  
Sittwe & Paletwa in Myanmar Under Kaladan Multi-Modal  
Transit Transport Project  
(Volume- III)**

**Tender No. IWAI//KPMU/ 44 /CONTAINER/2018**

**Inland Waterways Authority of India**

(Ministry of Shipping, Govt. of India)

A-13, Sector -1, NOIDA, Dist. Gautam Budh Nagar - 201 301 (U.P.)

Ph No. 0120- 2522971

Web Site:- [www.iwai.gov.in](http://www.iwai.gov.in) ; E-mail:- [ce.iwai@nic.in](mailto:ce.iwai@nic.in), [kpmu.iwai@nic.in](mailto:kpmu.iwai@nic.in)

## Table of Contents

<b>1.0</b>	<b>PREAMBLE</b> .....	<b>1-2</b>
1.1	General .....	1-2
1.2	Currency .....	1-3
<b>2.0</b>	<b>BILLS</b> .....	<b>2-1</b>
2.1	Bill No. 1 - Jetty Structures and Approach Trestle.....	2-1
2.2	Bill No. 2 - Onshore Facilities at Sittwe .....	2-2
2.3	Bill No. 3 - Onshore Facilities at Paletwa .....	2-3
2.4	Bill No. 4 - Miscellaneous Structures at Sittwe.....	2-4
2.5	Bill No. 5 - Miscellaneous Structures at Paletwa.....	2-5
2.6	Bill No. 6 - Power Distribution, Lighting and Communications at Sittwe .....	2-6
2.7	Bill No. 7 - Power Distribution, Lighting and Communications at Paletwa .....	2-7
2.8	Bill No. 8 - Dredging at Sittwe.....	2-8
2.9	Bill No. 9 - Mobile Harbour Crane at Sittwe.....	2-9
2.10	Bill No. 10 - Mobile Harbour Crane at Paletwa.....	2-10
2.11	Bill No. 11 - ITVs at Sittwe .....	2-11
2.12	Bill No. 12 - ITVs at Paletwa .....	2-12
2.13	Bill No. 13 - Reach Stackers at Sittwe.....	2-13
2.14	Bill No. 14 - Reach Stackers at Paletwa.....	2-14
2.15	Grand Summary .....	2-15
<b>3.0</b>	<b>SCHEDULE A - ITEMS OF WORK</b> .....	<b>3-1</b>

## 1.0 PREAMBLE

### 1.1 General

The following shall be read in conjunction with the Conditions of Contract, Employer's Requirements, Scope of Work, Specifications and drawings for Engineering, Design, Construction, Procurement, Manufacturing, Supply, Erection, Testing and Commissioning of Container terminal with container handling facilities at Port of Sittwe and IWT terminal at Paletwa in Myanmar. All Lump Sum prices and units quoted in the Schedule of Prices shall include the following instructions where applicable:

- a. This is an EPC Fixed Price Lumpsum Contract.
- b. For items of work to be executed based on the design of the Tenderer, no separate fee is payable and the same is deemed to be included in the price quoted by the Tenderer for the execution of the Works.
- c. The Schedule of Prices as quoted in Bills shall be the fixed contract price. However the Tenderer is required to furnish "Schedule A - Items of Work" also for each section of the Works, containing the components of work, their quantities and the unit rate. This schedule will be used only for the purpose of making interim payments. Interim measurements of the work will be made and the Contractor will be paid based on the actual quantities of work executed. The total of such interim payments for each Section of the Works will be limited to the lumpsum price quoted under Bills of the respective Section of the Works.
- d. It shall be clearly understood that there shall not be any claim whatsoever by the Tenderer on the ground that there are inadequate items of work (work based on quantity and work based on specified items) provided in the Schedule of Prices for pricing by the Tenderer.
- e. The whole cost of complying with the provisions of the Tender Document shall be included in the items provided in the priced Schedule of Prices and where no items are provided, the cost shall be deemed to be distributed among the rates and prices entered for the available items of work. The price quoted shall include all costs upto successful completion of Defects Liability Obligations by the Contractor.
- f. The rates and prices tendered by the Tenderer in the Schedule of Prices shall, except insofar as it is otherwise provided under the Contract, including but not limited to all Tenderer's equipment, labour, supervision, materials, plant, wastage, fuel, erection, maintenance, insurance, profit, overheads, together with all general risks, liabilities and obligations set out or implied in the Tender Document including all taxes, duties, GST, custom clearance, fees, royalty and other statutory deductions.

- g. General requirements, directions and descriptions of work and materials, given in the Specifications or Drawings or Conditions of Tender / Contract are not necessarily repeated nor summarised in the Schedule of Prices. Tenderer is specifically advised to check and include any other item required for completeness of the total work as per the scope of work and specification and satisfactory performance of the total system.

## 1.2 Currency

All monetary reference in the Price Schedule shall be made only in Indian Rupees.

Dated this ..... Day of ..... 2018

Signature ..... in the capacity of .....

Duly authorised to sign Tenders for and on behalf of .....

.....

(IN BLOCK LETTERS)

Address.....Witness.....

.....

..... Occupation.....

## 2.0 BILLS

### 2.1 Bill No. 1 - Jetty Structures and Approach Trestle

S. No.	Description	Qty.	Unit	Amount
1.	Port Jetty at Sittwe	LS	LS	
2.	IWT Jetty at Sittwe	LS	LS	
3.	IWT Jetty at Paletwa	LS	LS	
4.	Approach Trestle at Sittwe	LS	LS	
5.	*Duties and Taxes	LS	LS	
Total of Bill No. 1: Jetty Structures and Approach Trestle carried over to Grand Summary				

\* The Contractor has to state different duties and taxes as applicable.

Note: All above mentioned works in Bill No. 1 are including mobilisation & demobilization complete in all respects and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications.

All above mentioned works are including Engineering, Design, Procurement of Materials, Manufacturing, Supply, Erection, Construction / Installation, Commissioning and Performance Testing as applicable.

Total Amount in Words.....

Dated .....day of .....2018

**Signature of Tenderer**

## 2.2 Bill No. 2 - Onshore Facilities at Sittwe

S. No.	Description	Qty.	Unit	Amount
1	Site Grading	LS	LS	
2	Container Yard Pavement	LS	LS	
3	Boundary wall	LS	LS	
4	Internal Roads	LS	LS	
5	ITV Parking area	LS	LS	
6	Water Supply System	LS	LS	
7	Storm Water Drainage System	LS	LS	
8	Firefighting System	LS	LS	
9	Fuel Storage Tank	LS	LS	
10	*Duties and Taxes	LS	LS	
Total of Bill No. 2: Onshore Facilities at Sittwe carried over to Grand Summary				

\* The Contractor has to state different duties and taxes as applicable.

Note: All above mentioned works in Bill No. 2 are including mobilisation & demobilization complete in all respects and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications.

All above mentioned works are including Engineering, Design, Procurement of Materials, Manufacturing, Supply, Erection, Construction / Installation, Commissioning and Performance Testing as applicable.

Total Amount in Words.....

Dated .....day of .....2018

**Signature of Tenderer**

## 2.3 Bill No. 3 - Onshore Facilities at Paletwa

S. No.	Description	Qty.	Unit	Amount
1	Site Grading	LS	LS	
2	Container Yard Pavement	LS	LS	
3	Boundary wall	LS	LS	
4	Internal Roads	LS	LS	
5	Water Supply System	LS	LS	
6	Storm Water Drainage System	LS	LS	
7	Firefighting System	LS	LS	
8	Fuel Storage Tank	LS	LS	
9	*Duties and Taxes	LS	LS	
Total of Bill No. 3: Onshore Facilities at Paletwa carried over to Grand Summary				

\* The Contractor has to state different duties and taxes as applicable.

Note: All above mentioned works in Bill No. 3 are including mobilisation & demobilization complete in all respects and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications.

All above mentioned works are including Engineering, Design, Procurement of Materials, Manufacturing, Supply, Erection, Construction / Installation, Commissioning and Performance Testing as applicable.

Total Amount in Words.....

Dated .....day of .....2018

**Signature of Tenderer**

## 2.4 Bill No. 4 - Miscellaneous Structures at Sittwe

S. No.	Description	Qty.	Unit	Amount
1	Workshop Building	LS	LS	
2	Workers Amenity Room	LS	LS	
3	D.G. Room	LS	LS	
4	Reefer Gantry	LS	LS	
5	*Duties and Taxes	LS	LS	
Total of Bill No. 4: Miscellaneous Structures at Sittwe carried over to Grand Summary				

\* The Contractor has to state different duties and taxes as applicable.

Note: All above mentioned works in Bill No. 4 are including mobilisation & demobilization complete in all respects and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications.

All above mentioned works are including Engineering, Design, Procurement of Materials, Manufacturing, Supply, Erection, Construction / Installation, Commissioning and Performance Testing as applicable.

Total Amount in Words.....

Dated .....day of .....2018

**Signature of Tenderer**



## 2.5 Bill No. 5 - Miscellaneous Structures at Paletwa

S. No.	Description	Qty.	Unit	Amount
1	Workshop Building	LS	LS	
2	Workers Amenity Room	LS	LS	
3	D.G. Room	LS	LS	
4	Reefer Gantry	LS	LS	
5	*Duties and Taxes	LS	LS	
Total of Bill No. 5: Miscellaneous Structures at Paletwa carried over to Grand Summary				

\* The Contractor has to state different duties and taxes as applicable.

Note: All above mentioned works in Bill No. 5 are including mobilisation & demobilization complete in all respects and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications.

All above mentioned works are including Engineering, Design, Procurement of Materials, Manufacturing, Supply, Erection, Construction / Installation, Commissioning and Performance Testing as applicable.

Total Amount in Words.....

Dated .....day of .....2018

**Signature of Tenderer**

## 2.6 Bill No. 6 - Power Distribution, Lighting and Communications at Sittwe

S. No.	Description	Qty.	Unit	Amount
1	Power Distribution including lightning protection and system grounding including all associated civil works	LS	LS	
2	Area Lighting including all associated civil works	LS	LS	
3	Communications including all associated civil works	LS	LS	
4	D.G. Set	LS	LS	
5	*Duties and Taxes	LS	LS	
Total of Bill No. 6: Power Distribution, Lighting and Communications at Sittwe carried over to Grand Summary				

\* The Contractor has to state different duties and taxes as applicable.

Note: All above mentioned works in Bill No. 6 are including mobilisation & demobilization complete in all respects and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications.

All above mentioned works are including Engineering, Design, Procurement of Materials, Manufacturing, Supply, Erection, Construction / Installation, Commissioning and Performance Testing as applicable.

Total Amount in Words.....

Dated .....day of .....2018

**Signature of Tenderer**

## 2.7 Bill No. 7 - Power Distribution, Lighting and Communications at Paletwa

S. No.	Description	Qty.	Unit	Amount
1	Power Distribution including lightning protection and system grounding including all associated civil works	LS	LS	
2	Area Lighting including all associated civil works	LS	LS	
3	Communications including all associated civil works	LS	LS	
4	D.G. Set	LS	LS	
5	*Duties and Taxes	LS	LS	
Total of Bill No. 7: Power Distribution, Lighting and Communications at Paletwa carried over to Grand Summary				

\* The Contractor has to state different duties and taxes as applicable.

Note: All above mentioned works in Bill No. 7 are including mobilisation & demobilization complete in all respects and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications.

All above mentioned works are including Engineering, Design, Procurement of Materials, Manufacturing, Supply, Erection, Construction / Installation, Commissioning and Performance Testing as applicable.

Total Amount in Words.....

Dated .....day of .....2018

**Signature of Tenderer**

## 2.8 Bill No. 8 - Dredging at Sittwe

S.No.	Description	Qty.	Unit	Rate	Amount
1	Dredging works at Sittwe	1,35,000	Cubic Meter		
2	*Duties and Taxes	LS	LS		
Total of Bill No. 8: Dredging at Sittwe carried over to Grand Summary					

\* The Contractor has to state different duties and taxes as applicable.

Note: All above mentioned works in Bill No. 8 are including mobilisation & demobilization complete in all respects and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications.

The contractor is required to provide in above schedule the dredging quantity, rate and the fixed lump sum amount. The rate shall be used for the purpose of interim payments. Also in case the employer directs the contractor to carryout additional dredging works within the proposed limits within a possible variation of +/-15% to the estimated dredging quantity, the additional payment shall be arrived at additional quantity of dredging carried out multiplied by unit rate quoted above.

All above mentioned works are including Engineering, Design, Procurement of Materials, Manufacturing, Supply, Erection, Construction / Installation, Commissioning and Performance Testing as applicable.

Total Amount in Words.....

Dated .....day of .....2018

**Signature of Tenderer**

## 2.9 Bill No. 9 - Mobile Harbour Crane at Sittwe

S. No.	Description	Qty.	Unit	Rate	Amount
1	Mobile harbour crane complete in all respects and ready to use as per approved specifications including testing, inspection, commissioning and defect rectifications	1	Nos.		
2	*Duties and Taxes	LS	LS		
Total of Bill No. 9: Mobile Harbour Crane at Sittwe carried over to Grand Summary					

\* The Contractor has to state different duties and taxes as applicable.

Note: All above mentioned works in Bill No. 9 are including mobilisation & demobilization complete in all respects and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications.

All above mentioned works are including Engineering, Design, Procurement of Materials, Manufacturing, Supply, Erection, Construction / Installation, Commissioning and Performance Testing as applicable.

Total Amount in Words.....

Dated .....day of .....2018

**Signature of Tenderer**

## 2.10 Bill No. 10 - Mobile Harbour Crane at Paletwa

S. No.	Description	Qty.	Unit	Rate	Amount
1	Mobile harbour crane complete in all respects and ready to use as per approved specifications including testing, inspection, commissioning and defect rectifications	1	Nos.		
2	*Duties and Taxes	LS	LS		
Total of Bill No. 10: Mobile Harbour Crane at Paletwa carried over to Grand Summary					

\* The Contractor has to state different duties and taxes as applicable.

Note: All above mentioned works in Bill No. 10 are including mobilisation & demobilization complete in all respects and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications.

All above mentioned works are including Engineering, Design, Procurement of Materials, Manufacturing, Supply, Erection, Construction / Installation, Commissioning and Performance Testing as applicable.

Total Amount in Words.....

Dated .....day of .....2018

**Signature of Tenderer**

## 2.11 Bill No. 11 - ITVs at Sittwe

S. No.	Description	Qty.	Unit	Rate	Amount
1	ITVs complete in all respects and ready to use as per approved specifications including testing, inspection, commissioning and defect rectifications	4	Nos.		
2	*Duties and Taxes	LS	LS		
Total of Bill No. 11: ITVs at Sittwe carried over to Grand Summary					

\* The Contractor has to state different duties and taxes as applicable.

Note: All above mentioned works in Bill No. 11 are including mobilisation & demobilization complete in all respects and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications.

All above mentioned works are including Engineering, Design, Procurement of Materials, Manufacturing, Supply, Erection, Construction / Installation, Commissioning and Performance Testing as applicable.

Total Amount in Words.....

Dated .....day of .....2018

**Signature of Tenderer**

## 2.12 Bill No. 12 - ITVs at Paletwa

S. No.	Description	Qty.	Unit	Rate	Amount
1	ITVs complete in all respects and ready to use as per approved specifications including testing, inspection, commissioning and defect rectifications	4	Nos.		
2	*Duties and Taxes	LS	LS		
Total of Bill No. 12: ITVs at Paletwa carried over to Grand Summary					

\* The Contractor has to state different duties and taxes as applicable.

Note: All above mentioned works in Bill No. 12 are including mobilisation & demobilization complete in all respects and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications.

All above mentioned works are including Engineering, Design, Procurement of Materials, Manufacturing, Supply, Erection, Construction / Installation, Commissioning and Performance Testing as applicable.

Total Amount in Words.....

Dated .....day of .....2018

**Signature of Tenderer**



## 2.13 Bill No. 13 - Reach Stackers at Sittwe

S. No.	Description	Qty.	Unit	Rate	Amount
1	Reach Stackers complete in all respects and ready to use as per approved specifications including testing, inspection, commissioning and defect rectifications	2	Nos.		
2	*Duties and Taxes	LS	LS		
Total of Bill No. 13: Reach Stackers at Sittwe carried over to Grand Summary					

\* The Contractor has to state different duties and taxes as applicable.

Note: All above mentioned works in Bill No. 13 are including mobilisation & demobilization complete in all respects and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications.

All above mentioned works are including Engineering, Design, Procurement of Materials, Manufacturing, Supply, Erection, Construction / Installation, Commissioning and Performance Testing as applicable.

Total Amount in Words.....

Dated .....day of .....2018

**Signature of Tenderer**

## 2.14 Bill No. 14 - Reach Stackers at Paletwa

S. No.	Description	Qty.	Unit	Rate	Amount
1	Reach Stackers complete in all respects and ready to use as per approved specifications including testing, inspection, commissioning and defect rectifications	2	Nos.		
2	*Duties and Taxes	LS	LS		
Total of Bill No. 14: Reach Stackers at Paletwa carried over to Grand Summary					

\* The Contractor has to state different duties and taxes as applicable.

Note: All above mentioned works in Bill No. 14 are including mobilisation & demobilization complete in all respects and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications.

All above mentioned works are including Engineering, Design, Procurement of Materials, Manufacturing, Supply, Erection, Construction / Installation, Commissioning and Performance Testing as applicable.

Total Amount in Words.....

Dated .....day of .....2018

**Signature of Tenderer**

## 2.15 Grand Summary

S. No.	Description	Amount	
		(In figures)	(In words)
1	Bill No. 1 - Jetty Structures and Approach Trestle		
2	Bill No. 2 - Onshore Facilities at Sittwe		
3	Bill No. 3 - Onshore Facilities at Paletwa		
4	Bill No. 4 - Miscellaneous Structures at Sittwe		
5	Bill No. 5 - Miscellaneous Structures at Paletwa		
6	Bill No. 6 - Power Distribution, Lighting and Communications at Sittwe		
7	Bill No. 7 - Power Distribution, Lighting and Communications at Paletwa		
8	Bill No. 8 - Dredging at Sittwe		
9	Bill No. 9 - Mobile Harbour Crane at Sittwe		
10	Bill No. 10 - Mobile Harbour Crane at Paletwa		
11	Bill No. 11 - ITVs at Sittwe		
12	Bill No. 12 - ITVs at Paletwa		
13	Bill No. 13 - Reach Stackers at Sittwe		
14	Bill No. 14 - Reach Stackers at Paletwa		
	Total Contract Price carried over to Form Of Tender		

Total Amount in Words.....

Dated .....day of .....2018

Signature of Tenderer

### 3.0 SCHEDULE A - ITEMS OF WORK

S. No.	Description	Qty.	Unit	Rate	Amount
	<b>TOTAL OF SCHEDULE A</b>				

\* To be filled by the Tenderer as per Preamble of Volume III of Tender Document.

Total Amount in Words.....

Dated .....day of .....2018

**Signature of Tenderer**