BIDDING DOCUMENT

for

Procurement of EPC Contract

for

Construction of Multimodal IWT Terminal at Haldia, West Bengal

VOLUME-3 BILL OF QUANTITIES

ICB No: CANW-1/IWAI/JMV/15

Employer: Inland Waterways Authority of India, Ministry of Shipping,
Government of India

Country: India

Issued on 03rd March, 2016

IWAI

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1 SCHEDULE OF PRICES

1.1 PREAMBLE

1.1.1 General

The following shall be read in conjunction with the Conditions of Contract, Authority's Requirements, Scope of Work, Specifications and drawings for Construction of IWT Terminal at Haldia including Material and Workmanship. 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 Lump sum Contract.
- b) The Schedule of Prices as quoted in Bills shall be the fixed contract price. However the Contractor is required to furnish **Schedule A** Items of Work also 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 will be limited to the lump sum price quoted under Bills. Format of monthly bill is enclosed as **Schedule B** for the information of the Contractor and the same format shall be used by the Contractor during execution of the project.
- c) It shall be clearly understood that there shall not be any claim whatsoever by the Contractor 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 Contractor.
- d) 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.
- e) The rates and prices tendered by the Contractor in the Schedule of Prices shall, except insofar as it is otherwise provided under the Contract, including but not limited to all Contractor'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, fees, royalty and other statutory deductions.
- f) 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. Contractor 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 the currencies quoted and agreed as per the Tender document. Summary of Currencies of Tender for the Whole of Works that is to be included in the Commercial Bid shall be as given below.

	Α	В	С	D
Name of Currency	Amount of Currency	Rate of Exchange (Local Currency per unit of foreign (US \$))	Local Currency equivalent C = A x B	Percentage of Tender Price 100 x C Tender Price
Local currency Indian Rupees		1.00		
Foreign Currency (US \$)				
Total			[Tender Price]	100.00

Dated this	Day of	2016	
Signaturei	n the capacity of		
Duly authorised to sign Ter	ders for and on beh	nalf of	
(IN BLOCK LETTERS)			
Address	Witness		
	Occupation		

1.3 BILL NO. 1

1.3.1 Engineering, Procurement of Materials and Construction of Site Grading

S. No.	Description	Qty.	Unit	Amount
1.1	Site Grading	LS	LS	
	Site grading including mobilisation and demobilisation and ready to use as per approved designs, drawings and specifications including testing, inspection and defect rectifications, complete in all respects.			
1.2	Design Fee	LS	LS	
	TOTAL OF BILL NO. 1: SITE GRADING CARRIED OVER TO GRAND SUMMARY			

Total Amount in Words	
Datedday of2016	Signature of Bidder

1.4 BILL NO. 2

1.4.1 Engineering, Procurement of Materials and Construction of Berthing Structures, Approach Trestles and Conveyor Trestle

S. No.	Description	Qty.	Unit	Amount
2.1	Berth Berth including mobilisation and demobilisation and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications, complete in all respects.	LS	LS	
2.2 (a)	Approach Trestles Approach trestles —superstructure with one through type steel truss girder & remaining with RCC girder including mobilisation & demobilisation and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications, complete in all respects.	LS	LS	
(b)	Approach trestles – substructure with bored castin-situ RCC piles including mobilisation & demobilisation and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications, complete in all respects.	LS	LS	
(c)	Approach trestles – embankment with reinforced earth retaining structure including mobilisation & de-mobilisation as per approved designs, drawings and specifications including testing, inspection and defect rectifications, complete in all respects.	LS	LS	
2.3 (a)	Berth Fixtures Supply and Installation of 30T Bollards and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications, complete in all respects.	LS	LS	
(b)	Supply and Installation of AN 800 E 3.0 and ANP 1000 E 2.5 Arch Fenders or equivalent of length 3.0m and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications, complete in all respects.	LS	LS	
2.4	Conveyor Trestle Conveyor trestle – substructure with bored castin-situ RCC piles including mobilisation & demobilisation and ready to use as per approved	LS	LS	

S. No.	Description	Qty.	Unit	Amount
	designs, drawings and specifications including testing, inspection, commissioning and defect rectifications, complete in all respects.			
2.5	Design Fee	LS	LS	
	TOTAL OF BILL NO. 2: BERTHING STRUCTURES AND APPROACH TRESTLES CARRIED OVER TO GRAND SUMMARY			

Total Amount in Words							
Datedday of2016	Signature of Bidder						

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1.5 BILL NO. 3

1.5.1 Engineering, Procurement of Materials and Construction of Stockyard Development

S. No.	Description	Qty.	Unit	Amount
3.1	Stockyard Development	LS	LS	
	Stockyard Development including mobilisation & demobilisation and ready to use as per approved designs, drawings and specifications including testing, inspection and defect rectifications, complete in all respects.			
3.2	Design Fee	LS	LS	
	TOTAL OF BILL NO. 3: STOCKYARD DEVELOPMENT CARRIED OVER TO GRAND SUMMARY			

Total Amount in Words						
Datedday of2016	Signature of Bidder					

1.6 BILL NO. 4

1.6.1 Engineering, Procurement of Materials and Construction of Buildings

S. No.	Description	Qty.	Unit	Amount
4.1	Terminal Administration Building Terminal Administration building including mobilisation & de-mobilisation and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications, complete in all respects.	LS	LS	
4.2	Worker's Amenity Building Worker's Amenity building including mobilisation & demobilisation and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications, complete in all respects.	LS	LS	
4.3	Electrical Substation Building Electrical Substation building including mobilisation & de-mobilisation and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications, complete in all respects.	LS	LS	
4.4	Security office Security office mobilisation & demobilisation and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications, complete in all respects.	LS	LS	
4.5	Weigh Bridge Building Weigh bridge building including mobilisation & demobilisation and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications, complete in all respects.	LS	LS	
4.6	Compressor House for Ash Handling Compressor house building including mobilisation & de-mobilisation and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications, complete in all respects.	LS	LS	
4.7	Design Fee	LS	LS	
	TOTAL OF BILL NO. 4: BUILDINGS CARRIED OVER TO GRAND SUMMARY			

Total Amount in Words	
Datedday of2016	Signature of Bidder

1.7 BILL NO. 5

1.7.1 Engineering, Procurement of Materials and Construction of Storage Shed

S. No.	Description	Qty.	Unit	Amount
5.1	Storage shed	LS	LS	
	Storage shed including mobilisation and demobilisation and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications, complete in all respects.			
5.2	Design Fee	LS	LS	
	TOTAL OF BILL NO. 5: STORAGE SHED CARRIED OVER TO GRAND SUMMARY			

Total Amount in Words	
Datedday of2016	Signature of Bidder

1.8 BILL NO. 6

1.8.1 Engineering, Procurement of Materials & Construction of Internal Roads and Paved areas with compaction

S. No.	Description	Qty.	Unit	Amount
6.1	Internal Roads Internal roads in terminal including mobilisation & de-mobilisation and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications, complete in all respects.	LS	LS	
6.2	Paved areas with compaction Areas to be paved such as Vehicle parking area and Silo portion by compaction including mobilisation & de-mobilisation and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications, complete in all respects.	LS	LS	
6.3	Design Fee	LS	LS	
	TOTAL OF BILL NO. 6: INTERNAL ROADS AND VEHICLE PARKING AREA CARRIED OVER TO GRAND SUMMARY			

Total Amount in Words	
Datedday of2016	Signature of Bidder

1.9 BILL NO. 7

1.9.1 Engineering, Procurement of Materials & Construction of Water Supply Works

S. No.	Description	Qty.	Unit	Amount
7.1	Water Supply Works	LS	LS	
	Water supply works including mobilisation & demobilisation and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications, complete in all respects.			
7.2	Design Fee	LS	LS	
	TOTAL OF BILL NO. 7: WATER SUPPLY WORKS CARRIED OVER TO GRAND SUMMARY			

Total Amount in Words	
Datedday of2016	Signature of Bidder

1.10 BILL NO. 8

1.10.1 Engineering, Procurement of Materials & Construction of Storm Water Drainage Works

S. No.	Description	Qty.	Unit	Amount
8.1	Storm Water Drainage Works	LS	LS	
	Storm water drainage works including mobilisation & demobilisation and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications, complete in all respects.			
8.2	Design Fee	LS	LS	
	TOTAL OF BILL NO. 8: STORM WATER DRAINAGE WORKS CARRIED OVER TO GRAND SUMMARY			

Total Amount in Words	
Datedday of2016	Signature of Bidder

1.11 BILL NO. 9

1.11.1 Engineering, Procurement of Materials & Construction of Sewerage System

S. No.	Description	Qty.	Unit	Amount
9.1	Sewerage System	LS	LS	
	Sewerage system works including mobilisation & de-mobilisation and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications, complete in all respects.			
9.2	Design Fee	LS	LS	
	TOTAL OF BILL NO. 9: SEWERAGE SYSTEM CARRIED OVER TO GRAND SUMMARY			

Total Amount in Words	
Datedday of2016	Signature of Bidder

Bidder

1.12 BILL NO. 10

1.12.1 Engineering, Procurement of Materials & Construction of Gate House Complex and Emergency Gates

S. No.	Description	Qty.	Unit	Amount
10.1	Gate House Complex Gate house complex works including mobilisation & de-mobilisation and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications, complete in all respects.	LS	LS	
10.2	Emergency Gates Emergency gates works including mobilisation & de-mobilisation and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications, complete in all respects.	LS	LS	
10.3	Design Fee	LS	LS	
	TOTAL OF BILL NO. 10: BOUNDARY WALL, FENCING, RETAINING WALL, GATE HOUSE COMPLEX AND EMERGENCY GATES CARRIED OVER TO GRAND SUMMARY			

	TO GRAND SUMMARY		
Total A	mount in Words		
Dated .	day of2016	Signat	ure of Bidder

1.13 BILL NO. 11

1.13.1 Engineering, Procurement of Materials & Construction of Culverts, Diversion of Existing Road

S. No.	Description	Qty.	Unit	Amount
11.1	Culverts outside the terminal Culvert outside the terminal near southern boundary including mobilisation & de-mobilisation and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications, complete in all respects.	LS	LS	
11.2	Diversion of Existing Road Diversion of existing road in terminal to outside the northern boundary of terminal including mobilisation & de-mobilisation and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications, complete in all respects.	LS	LS	
11.3	Design Fee	LS	LS	
	TOTAL OF BILL NO. 11: CULVERTS, DIVERSION OF EXISTING ROAD AND WIDENING OF APPROACH ROAD CARRIED OVER TO GRAND SUMMARY			

Datedday of2016	Signature of Bidder

Total Amount in Words.....

1.14 BILL NO. 12

1.14.1 Engineering, Procurement of Materials and Construction of Electrical Works

S. No.	Description	Qty.	Unit	Amount
12.1	Electrical Works	LS	LS	
	Electrical works including mobilisation & demobilisation and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications, complete in all respects.			
12.2	Design Fee	LS	LS	
	TOTAL OF BILL NO. 12: ELECTRICAL WORKS CARRIED OVER TO GRAND SUMMARY			

Total Amount in Words	
Datedday of2016	Signature of Bidder

1.15 BILL NO. 13

1.15.1 Engineering, Design, Procurement of Materials, Manufacturing, Supply, Erection, Construction/Installation, Commissioning & Performance Testing of Mobile Harbour Cranes

S. No.	Description	Qty.	Unit	Amount
13.1	Mobile Harbour Cranes	2	No.	
	Mobile harbour cranes including all necessary structural steel, mechanical component parts, switch gear, controls, cables, on-board PLC hardware, software and logic programming and the like necessary for a complete operating machine and ready to use as per approved specifications including testing, inspection, commissioning and defect rectifications, complete in all respects.			
	TOTAL OF BILL NO. 13: MOBILE HARBOUR CRANES CARRIED OVER TO GRAND SUMMARY			

Total Amount in Words	
Datedday of2016	Signature of Bidder

1.16 BILL NO. 14

1.16.1 Engineering, Design, Procurement of Materials, Manufacturing, Supply, Erection, Construction/Installation, Commissioning & Performance Testing of Silos with Conveyor System to Berths and Fixed Barge Loaders

S. No.	Description	Qty.	Unit	Amount
14.1	Silos Silos including all necessary structural steel, mechanical component parts, switch gear, controls, cables, on-board PLC hardware, software and logic programming and the like necessary for a complete operating machine and ready to use as per approved specifications including testing, inspection, commissioning and defect rectifications, complete in all respects.	8	No.	
14.2	Conveyor System Conveyor system from silos to jetty including all necessary structural steel, mechanical component parts, switch gear, controls, cables, on-board PLC hardware, software and logic programming and the like necessary for a complete operating machine and ready to use as per approved specifications including testing, inspection, commissioning and defect rectifications, complete in all respects.	1	Lot	
14.3	Fixed Barge Loaders Fixed barge loaders with loading spouts on berths including all necessary structural steel, mechanical component parts, switch gear, controls, cables, onboard PLC hardware, software and logic programming and the like necessary for a complete operating machine and ready to use as per approved specifications including testing, inspection, commissioning and defect rectifications, complete in all respects.	2	No.	
	TOTAL OF BILL NO. 14: SILOS WITH CONVEYOR SYSTEM TO BERTHS AND FIXED BARGE LOADERS CARRIED OVER TO GRAND SUMMARY			

	CARRIED OVER TO GRAND SUMMARY		
Total A	mount in Words		
Dated	day of 2016	Signatu	re of Bidde

1.17 BILL NO. 15

1.17.1 Engineering, Design, Procurement of Materials, Manufacturing, Supply, Erection, Construction/Installation, Commissioning & Performance Testing of Road Weigh Bridge

S. No.	Description	Qty.	Unit	Amount
15.1	Road Weigh Bridge Road weigh bridge including all necessary structural steel, mechanical component parts, switch gear, controls, cables, on-board PLC hardware, software and logic programming and the like necessary for a complete operating machine and ready to use as	2	No.	
	per approved specifications including testing, inspection, commissioning and defect rectifications, complete in all respects.			
	TOTAL OF BILL NO. 15: ROAD WEIGH BRIDGE CARRIED OVER TO GRAND SUMMARY			

Total Amount in Words	
Datedday of2016	Signature of Bidder

1.18 BILL NO. 16

1.18.1 Procurement and Installation of Fire Fighting Equipment

S. No.	Description	Qty.	Unit	Amount
16.1	Fire Fighting Equipment	LS	LS	
	Procurement and installation of Fire fighting equipment in buildings as per approved specifications, complete in all respects.			
	TOTAL OF BILL NO. 16: FIRE FIGHTING EQUIPMENT CARRIED OVER TO GRAND SUMMARY			

Total Amount in Words	
Datedday of2016	Signature of Bidder

1.19 BILL NO. 17

1.19.1 Engineering, Procurement of Materials & Construction of Communication and IT System

S. No.	Description		Unit	Amount
17.1	Communication and IT System		LS	
	Communication and IT system including mobilisation & demobilisation and ready to use as per approved designs, drawings and specifications including testing, inspection, commissioning and defect rectifications, complete in all respects.			
17.2	Design Fee	LS	LS	
	TOTAL OF BILL NO. 17: COMMUNICATION AND IT SYSTEM CARRIED OVER TO GRAND SUMMARY			

Total Amount in Words	
Datedday of2016	Signature of Bidder

1.20 BILL NO. 18

1.20.1 Engineering, Design, Procurement of Materials, Manufacturing, Supply & Performance Testing of Other Yard Handling Machineries

S. No.	Description	Qty.	Unit	Amount
18.1	Dumper truck	10	No.	
	Procurement of dumper trucks for yard handling			
18.2	Fork lift	2	No.	
	Procurement of fork lift for yard handling			
18.3	Front end loader	1	No.	
	Procurement of front end loader for yard handling			
18.4	Design Fee	LS	LS	
	TOTAL OF BILL NO. 18: COMMUNICATION AND IT SYSTEM CARRIED OVER TO GRAND SUMMARY			

Total Amount in Words	
Datedday of2016	Signature of Bidder

1.21 BILL NO. 19

1.21.1 Model Studies (Optional)

S. No.	Description	Qty.	Unit	Amount
19.1	2D Model Studies	10	No.	
	TOTAL OF BILL NO. 19: MODEL STUDIES CARRIED OVER TO GRAND SUMMARY			

Total Amount in Words	
Datedday of2016	Signature of Bidder

1.22 BILL NO. 20

1.22.1 Environmental Management Plan

Component	Item		Quantity	Rate	Amount
DESIGN AND C	ONSTRUCTION STAGE	•			•
Technical Support	Environmental Social Impact Assessment Study, Bio- diversity Conservation Plan, Preparation of EMP	Lump sum	-	-	
Greenbelt	Plantation in terminal site	No. of trees	1200 trees		
development	Survival loss including aftercare	No. of trees	1200 trees		
Drainage Congestion and disposal of accumulated	Provision of adequate surveillance				
water Erosion &	Embankment, and River Bank Description Management				
Sedimentation Land	Protection Measures				1
Soil	Compensation against land Soil contamination protection (Septic tanks, grease taps etc) and rehabilitation of borrow areas/debris disposal site/plant site & labour camps				
Noise	Canopy for DG sets PPEs like ear plug Timely maintenance of the machinery, equipment and vehicles Barricading the site				
Water	Provision of storm water and wastewater management system Construction of soak pits at construction sites & labour camps Provision of clean drinking & domestic water facility at labour camps and construction site				
Dust Management during construction	Water Sprayer / Watering for Dust suppression	Cove	ered in project d engineering c		
Safety	Appointment of Safety Officers	Cove	ered in project d engineering c		

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Component	Item	Quantity Rate Amour
	Safety signage, speed breakers, fire-fighting measures etc.	Covered in project design and engineering and cost
	Provision of trainings and PPE to workers	To be included in construction cost
Health	Health checkup camps for construction workers	2 camp /year
	Terrestrial and Aquatic Fauna	
	Ambient Air Quality	
Environmental Monitoring in	Surface Water Quality	
the	Drinking Water Quality	
construction phase	Noise & Vibration	
рпаэс	Soil Quality, Erosion & Siltation and River Bed Sediment	
		SUB TOTAL (DESIGN AND CONSTRUCTION STAGE)

1.23 BILL NO. 21

1.23.1 Duties and Taxes

S. No.	Description	Present Rate	% Contract Value	Amount
20.1	* Duties and Taxes			
	TOTAL OF BILL NO. 20 DUTIES AND TAXES CARRIED OVER TO GRAND SUMMARY			

Datedday of2016	Signature of Bidder
Total Amount in Words	
, and the second	
* The Contractor has to state different duties and taxes as applicable.	

1.24 **GRAND SUMMARY**

BILL	DESCRIPTION	AMOUNT	AMOUNT
NO.		(in figures)	(in words)
1.	Site Grading		
2.	Berthing Structures, Approach Trestles and Conveyor Trestle		
3.	Stockyard Development		
4.	Buildings		
5.	Storage Shed		
6.	Internal Roads and Paved areas with compaction		
7.	Water Supply Works		
8.	Storm Water Drainage Works		
9.	Sewerage System		
10.	Gate House Complex and Emergency Gates		
11.	Culverts, Diversion of Existing Road		
12.	Electrical Works		
13.	Mobile Harbour Cranes		
14.	Silos with Conveyor System to Berths and Fixed Barge Loaders		
15.	Road Weigh Bridge		
16.	Fire Fighting System		
17.	Communication and IT System		
18.	Other yard handling machineries		
19.	Model Studies (Optional)		
20.	Environment Management Plan		
21.	Duties and Taxes		
	TOTAL CONTRACT PRICE CARRIED OVER TO FORM OF TENDER		

20.	Environment Management Plan							
21.	Duties and Taxes							
	TOTAL CONTRACT PRICE CARRIED OVER TO FORM OF TENDER							
Total Amount in Words								
Dated .	day of2016	Signa	ture of Bidder					

1.25 SCHEDULE A

1.25.1 Items of Work*

S. No.	Description	Unit	Qty.	Unit Rate	Amount
	TOTAL OF SCHEDULE A				

*To be filled by the Contractor as per Para 1.c of Volume III of Tender Document.							
Total Amount in Words							
Dated	day of2016			Signatur	e of Bidder		

1.26 SCHEDULE B

1.26.1 Format of Monthly RA Bill*

S. No.	Description	Unit	Unit Rate	As per Contract		Cumulative as per the Progress	
				Qty.	Amount	Qty.	Amount
	Preliminary Works						
1.	Topography survey						
2.	Geotechnical investigations						
3.	Hydrographic survey						
	Site Grading						
1.							
2.							
3.							
	Berth Substructure						
1.	M40 grade concrete in piles						
2.	Reinforcement in piles						
3.	Permanent MS liner/Casing						
	Berth Superstructure						
1.	M40 grade concrete in beam						
2.	M40 grade concrete in deck slab						
3.	Reinforcement in beam						
4.	Reinforcement in deck slab						
	Berth Fixtures						
1.	Supply and installation of fenders						
2.	Supply and installation of bollards						
3.	Supply and installation of mooring rings						
4.	Supply and installation of edge angles at expansion joint						
	Approach trestles						
1.	M40 grade Concrete in substructure						
2.	M40 grade Reinforcement in sub-structure						
3.	Structural steel in super structure						
4.	Bearing						
5.	Concrete in super-structure						

S. No.	Description	Unit	Unit Rate	As per Contract		Cumulative as per the Progress	
				Qty.	Amount	Qty.	Amount
	Conveyor Trestle						
1.	Concrete in sub-structure						
2.	Reinforcement in sub- structure						
3.	Concrete in super-structure						
4.	Reinforcement in super- structure						
	Stockyard Development						
1.							
	Buildings						
1.							
2.							
_	Storage Shed						
1.							
2.	Internal Boods and Bound						
	Internal Roads and Paved areas with compaction						
1.							
2.							
	Water Supply Works						
1. 2.							
2.	Storm Water Drainage Works						
1.	Storm water Dramage works						
2.							
	Sewerage System						
1.	<u> </u>						
2.							
	Gate House Complex and Emergency Gates						
1.							
2.							
	Culverts, Diversion of Existing Road						
1.							
2.							
	Electrical Works						
1.							

S. No.	Description	Unit	Unit Rate	As pe	r Contract	Cumulative as per the Progress	
				Qty.	Amount	Qty.	Amount
	Mobile Harbour Cranes						
1.							
	Silos with Conveyor System to Berths and Fixed Barge Loaders						
1.							
2.							
	Road Weigh Bridge						
1.							
2.							
	Firefighting Equipment						
1.							
2.							
	Communication and IT System						
1.							
2.							
	Dumper truck						
1.							
	Fork lift						
1.							
	Front end loader						
1.							
	Model Studies						
1.							
	Design Fee						
1.							
	Duties and Taxes						
1.							
	TOTAL OF SCHEDULE B						

*To be filled by the Contractor as per Para 1.1.1.c of Volume III of Tender Document.								
Total Amount in Words								
Dated	day of2016					Signatu	re of Bidder	