

कोलकाता पत्तन न्यास
Kolkata Port Trust
सिविल इंजीनियरिंग विभाग
CIVIL ENGINEERING DEPARTMENT
15, स्ट्रैंड रोड, कोलकाता -700001
15, Strand Road, Kolkata - 700001

NIT No.: KOPT/KDS/CIV/T/1925/38 Dt.30.12.13

NOTE: Last Date of Purchase of tender documents : **27.01.14** (up to 12 noon)

Tender is due for submission by 3:00 P.M.
On **28.01.14**

PRICE BID

THOROUGH RENOVATION AND UPGRADATION OF
DAMAGED PORTION OF THE CONTAINER PARKING
YARD AT N. S. DOCK.

Dated :
15, Strand Road,
Kolkata- 700 001

ए .के. मेहेरा / A.K. Mehera
मुख्य अभियंता / Chief Engineer

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**Thorough renovation and damaged portion of the Container Parking Yard at
N.S.Dock.**

PREAMBLE TO THE BILL OF QUANTITIES

1. The Bill of Quantities shall be read in conjunction with Special Conditions of Contract, Preamble to the Bill of Quantities, General Conditions of Contract, Form of Tender and the Agreement.
2. General direction and description of work or materials given elsewhere in the contract documents are not necessarily repeated in the description of items in the Bill of Quantities.
3. The Prices and rates entered by the Contractor in the Bill of Quantities shall be deemed to cover the complete and finished work, inter-alia, all costs and expenses which may be required for successful completion of the works together with all risks, liabilities, contingencies, insurance, octroi, royalties, taxes(excluding service tax) and obligations imposed or implied by the Contractor.
4. Where separate items such as mobilisation, demobilisation, temporary works etc., have not been provided in the Bill of Quantities for works required under the Contract, then the **cost of such works shall be** deemed to have been included in the prices and rates of other items.
5. Without affecting the generality of the foregoing provisions, the Prices and rates entered in the Bill of Quantities by the Contractor shall include inter-alia, all costs and expenses involved in or arising out the followings:-
 - a) The provision, storage, transport, handling, use, distribution and maintenance of all materials, plants, equipment machineries and tools including all costs, charges dues demurrages or other outlays involved in the transportation.
 - b) The provision and maintenance of all his staff and labours and their payments, accommodation, transport, taxes and other requirements.
 - c) Setting out including the location and preservation of survey markers, measurement and supervision.
 - d) The provision, storage, transport, use handling, distribution and maintenance of consumable stores, fuel, water and electricity.
 - e) All First Aid, Welfare and safety requirements.
 - f) Damage caused to the works, plants, materials and consumable stores caused by weather.
 - g) Licence, fees and other charges for compliance of Government Acts and Rules that are inforce and applicable.
6. The quantities given in the Bill of Quantities are estimated only and are given to provide a basis for comparison of tenders. Payment to the Contractor shall be made on the basis of prices and rates quoted in the tender for measured quantities of the work done by him. It must be clearly understood that **this is a quoted rate tender at percentage Above par/At par/Below par as the case may be on estimated amount** and not a lump sum one. The quantities of work required to be carried out by the Contractor may vary.
7. The Contractor should be held responsible for the safe custody of materials, Machineries etc. at site procured by him or issued to him by the Trustees.

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N.S.Dock.**

BILL OF QUANTITIES

T.I. No.	Description of works	Quantity	Rate Rs. P.	Unit	Amount Rs. P.
1 (a)	Dismantling all types of plain cement concrete works , stacking serviceable materials at site and removing rubbish as directed within a lead of 75 meter , in groundfloor including roof upto 150 mm thick.	30.00	582.16 (Rupees five hundred eighty two & paise sixteen only)	Cum.	17,464.80
(b)	Dismantling R.C.floor,roof,beams etc. including cutting rods and removing rubbish as directed within a lead of 75 m. including stacking of steel bars , in groundfloor including roof.	30.00	1210.99 (Rupees one thousand two hundred ten & paise ninety nine only)	Cum.	36329.70
2.	Dismantling all types of plain/Reinforced cement concrete works by mechanical equipment,stacking serviceable materials including reinforcement, at site and removing rubbish as directed . The rate includes hire & carriage charges of machineries & equipments, cost of fuel and lubricants and wages of operational staff and labour etc. In ground floor including roof complete				
(a)	Plain cement concrete.	1150.00	1298.45 (Rupees one thousand two hundred ninety eight & paise forty five only)	Cum.	14,93,217.50
(b)	Reinforced cement concrete.	1250.00	1947.67 (Rupees one thousand nine hundred forty seven & paise sixty seven only)	Cum.	24,34,587.50
3.	Hire and labour charges for shuttering in foundation and ground floor level with 25 mm to 30mm thick hard wood planks , ply of required thickness with required bracing , stays, supports etc for concrete slabs, beams, columns, curved or straight including fitting, fixing , cleaning and striking out after completion of work without staging.	500.00	167.10 (Rupees one hundred sixty seven & paise ten only)	Sqm.	83,550.00
4.	Cement concrete with graded stone ballast (40 mm size) excluding shuttering in ground floor with Pakur variety aggregates in 1:3:6 proportion.	20.00	4168.36 (Rupees four thousand one hundred sixty eight & paise thirty six only)	Cum.	83,367.20

T.I. No.	Description of works	Quantity	Rate		Unit	Amount	
			Rs.	P.		Rs.	P.
5.	Controlled cement concrete with well graded stone chips (20 mm nominal size) excluding shuttering & reinforcement with complete design of concrete as per IS-456 & relevant special publications submission of job mix formula after preliminary mix design after testing of concrete cubes as per direction of EIC. Consumption of cement will not be less than 300kg of cement with super plasticiser per cum. of controlled concrete but actual consumption will be determined on the basis of preliminary test and job mix formula. In ground floor and foundation. [Using concrete mixer]with Pakur variety. M-20 grade concrete.	1100.00	5652.32		Cum. (Rupees five thousand six hundred fifty two & paise thirty two only)	62,17,552.00	
6.	Ordinary cement concrete (1:1.5:3) with graded stone chips (12 mm nominal size) excluding shuttering & reinforcement if any, in ground floor as per relevant IS codes. i) Pakur variety.	15.00	5532.12		Cum. (Rupees five thousand five hundred thirty two & paise twelve only)	82,981.80	
7.	Providing and applying tack coat using Cationic Bitumen Emulsion of approved grade conforming to IS: 8887-1978 @ 3 Kg / 10 Sq.Mtr over prepared surface by manual means , including cleaning of surface with broom , moistening the surface , applying tack coat including cost and carriage of emulsion , hire charges of machineries and labour , cost of fuel and lubricants all complete as per specification and direction of Engineer's representative.	10000.00	13.15		Sqm. (Rupees thirteen & paise fifteen only)	1,31,500.00	
8.	Laying Bituminous Macadam of specified grade by MOBILE HOT MIX PLANT (LIGHT DUTY) using approved aggregates conforming to specified grading and 60/70 (VG-30) grade bitumen on prepared surface , screening and cleaning the aggregates and preparing a uniform and quality mix, carrying the hot premixed materials by means of approved and suitable arrangements, spreading the mixed material at specified laying temperature over the surface by means of a suitable arrangements, tamping and finishing the mix to specified grade, line and cross section, thorough rolling with suitable power roller, for break down, inter-mediate and finished rolling , hand packing and pinning to give an even surface including cost and carriage of bitumen, and hire charges and fuel & lubricant of MOBILE HOT MIX PLANT (LIGHT DUTY) and all other machines and equipments & quality control as per IRC specification excluding cost of applying tack coat - In Profile Corrective Course using 3 % binder content by weight of total mix.	150.00	4927.86		Cum. (Rupees four thousand nine hundred twenty seven & paise eighty six only)	7,39,179.00	

T.I. No.	Description of works	Quantity	Rate Rs.	Unit P.	Amount Rs. P.
9.	Manufacturing, supplying and laying pre-cast concrete heavy duty Concrete blocks of grade M-50 and size 200 mm x 100 mm x100 mm thick including providing 50 mm to 80 mm thick bedding layer of sand as per required grading and specification over prepared base, compacted by heavy duty vibrator cum plate compactor, joint filled with sand of required grade, all as per specification. Rate includes cost of approved grade and type of cement and all lead, lifts, materials, labours etc. complete in all respect.	8400.00	917.63 (Rupees nine hundred seventeen & paise sixty three only)	Sqm.	77,08,092.00
10.	Providing & laying a single layer Mastic Asphalt wearing course in road pavement/bridge decks using approved coarse aggregate, fine aggregate, filler material and bitumen including cost and carriage of all ingredients, cost of heating aggregates and binder, mixing in specified proportion conforming to approved job mix formula, laying the mix, compacting, sealing the construction joints and surface finishing conforming to specification , construction procedure and quality control vide section 515 of specification of Road & Bridge works (4th revision) published by IRC, including the hire charges of all tool , plants and machineries, payof operators, cost of fuel and lubricants and all other incidental charges and quality control complete. Without tack coat & antiskid treatment. (a) 25 mm. thick	6900.00	447.00 (Rupees four hundred forty seven only)	Sqm.	30,84,300.00
11.	Supplying reinforcement for reinforced concrete works in all sorts of structures including distribution bars, stirrups, binders etc. including supply of re-bars, initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with black annealed wire of approved gauge at every intersection, complete as per drawing and/ or direction. - For works in foundation , basement and upto roof of ground floor with Tor steel.	1.50	69,334.00 (Rupees sixty nine thousand three hundred thirty four only)	M.T.	1,04,001.00
12.	Provide and build brick work with first class bricks in cement mortar (1:6) in foundation and plinth , all complete as per specification and direction .	10.00	4999.00 (Rupees four thousand nine hundred ninety nine only)	Cum.	49,990.00
13.	Plaster(to wall, floor,ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary (ground floor)- with 1:6 cement mortar- 15mm thk.	200.00	105.72 (Rupees one hundred five & paise seventy two only)	Sqm.	21,144.00

T.I. No.	Description of works	Quantity	Rate Rs.	Unit P.	Amount Rs. P.
14.	Neat cement punning about 1.5 mm. thick in wall,dado, window, sills, floor, drain etc. Note: Cement 0.152 cu.m. per 100 sq.m.	100.00	28.51	Sqm.	2851.00
15.	Labour for lowering and stacking after dismantling in parts R.S. joists, channels, angles, tees, plates etc. complete as directed, from 1st. Floor level	10.00	127.36	Qntl.	1273.60
16.	Labour for hoisting and placing in proper position (upto 1st. Floor level) departmental R.S. joists, channels, angles, tees, plates etc. including fitting and fixing same with bolts and nuts, if necessary(but by excluding cost of such bolts and nuts)	10.00	260.98	Qntl.	2609.80
17.	M.S. works in brackets made from flats, angles, tees etc. to sizes specially bent, twisted, forged; making holes drilled and fitted to rafter of trusses with necessary bolts, nuts, washer or screws etc.(length of straight not less than 230mm)	2.00	6887.19	Qntl.	13,774.38
18.	Chipping carefully and stripping off worn out concrete, cleaning the existing surface to depth of sound concrete by removing loose materials by wire brush, making the surface dust-free and thoroughly cleaning the rusted reinforcement bars on the concrete and finally removing all unserviceable materials beyond a lead of 150 mtr. From the site, complete as per instruction of the EIC.	500.00	33.30	Sqm.	16,650.00
19.	(b) Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	50.00	23.13	Sqm.	1,156.50
20.	Bituminous filler of approved type in expansion joints of dummy joints including finishing the top surface as directed.	1.00	51498.18	Cum.	51,498.18
21.	Cleaning silt from kuccha- pucca surface drain upto 2 mt. depth including taking and replacing steel or RCC cover in position and disposal of spoil within 50 mt. as directed.	200.00	30.20	Cum.	6,040.00
22.	Providing services of removal of silt from one manhole pit etc. after removing of the pit cover, stacking of the silt to the nearest designated bins and placement of the cover in its original position on the frame without any damage to both the frame and the cover all complete.	18.00	184.08	Operation.	3,313.44

Total Amount = **Rs. 2,23,86,423.40**

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Tenderer to fill up the following [score out which is not applicable]

(a).....%	}	Below par (-) Rs.
(in figures)		
.....Percent	}	Above par (+) Rs.
(in words)		
(b).....	At par	NIL
(c).....%	}	Above par (+) Rs.
(in figures)		
.....Percent	}	
(in words)		

Total Tendered Amount: Rs. _____

Total tendered amount (in words.....
.....

Maximum number of workmen likely to be engaged in a days work..... numbers

Permanent Income Tax A/C.No... ..

Date:

(Signature of Tenderer)

[Total amount of tender, completion time and preliminary time
as quoted / stated above are to be carried over to Form of
Tender attached]

कोलकाता पत्तन न्यास के न्यासी बोर्ड
THE BOARD OF TRUSTEES FOR THE PORT OF KOLKATA

निविदा फार्म / FORM OF TENDER

CONTRACT NO. _____.

The Chief Engineer,
Kolkata Port Trust,
Kolkata- 700001.

I/We

of

having examined the site of works, inspected the Drawings and read the Specifications, General & Special Conditions of Contract and Conditions of Tender, hereby tender and undertake to execute and complete all the works required to be performed in accordance with the Specification, Bill of Quantities, General & Special Conditions of Contract and Drawings prepared by or on behalf of the Trustees and at the rates & prices set out in the annexed Bill of Quantities within **10 (Ten) months** (including preliminary time) from the date of order to commence the work and in the event of our tender being accepted in full or in part, I/We also undertake to enter into a Contract Agreement in the Form hereto annexed with such alterations or additions there to which may be necessary to give effect to the acceptance of the Tender and incorporating such specification, Bill of Quantities, Drawings and Special & General Conditions of Contract and I/We hereby agree that until such Contract Agreement is executed the said Specifications, Bill of Quantities, Conditions of Contract and the Tender, together with the acceptance thereof in writing by or on behalf of the Trustees shall be the contract.

*THE TOTAL AMOUNT OF TENDER **Rs.***

(Rupees in words).....
.....

I/We require days preliminary time to arrange and procure the materials required by the work from date of acceptance of tender before I/We could commence the work.

I/We have deposited with KOLKATA PORT TRUST, a sum ofvide Pay Order/Demand Draft No.....dt.....of.....(name of Bank) as Earnest Money.

I/We agree that the period for which the tender shall remain open for acceptance shall not be less than four months.

Signature of Tenderer
(Seal of the Tenderer)

Witness :

Signature _____

Name _____
(In Block Letters)

Address: _____

Occupation: _____

Name of the
Tenderer : _____

Dated: _____

Address: _____