

# कोलकाता पत्तन न्यास

## KOLKATA PORT TRUST

सिविल इंजीनियरिंग विभाग/ Civil Engineering Department

वरिष्ठ कार्यकारी अभियंता, एन. एस. डॉक का कार्यालय

Office of the Senior Executive Engineer, N.S.Dock

51 ,सि. जी. आर. रोड , कोलकाता -700043

दूरभाष/ Phone: 2439-7912, विस्तार/ Extension: **354, 356**

**Tender Notice No.: 202/NSD/29**

**Dated:24.12.2014**

Sealed tenders are invited from bonafied, resourceful, experienced and reputed firms for the subject work as per following Prequalification Criteria:-

Tenderer should have successfully completed similar works like Construction / repairing of building or shed or godown or Industrial structure within last **7[seven] years** ending last day of month previous to the one in which applications are invited should be either of the following :

- a) Three similar completed works costing not less than the amount equal to 40% of the estimated cost put to tender.
- b) Two similar completed works costing not less than the amount equal to 50% of the estimated cost put to tender.
- c) One similar completed work costing not less than the amount equal to 80% of the estimated cost put to tender.

B) The intending tenderer should have average Annual Financial turnover during the last **3 years** ending **31<sup>st</sup> March** of the previous financial year should be at least 30% of the estimated amount put to tender.

**Similar works means Civil Engineering Construction/maintenance works.**

Name of Work : **Tender for Misc. petty repairs at Subhas Bhavan complex,Hydraulic Model Centre, GCD area, Loco shed & PSO Office Complex at P-65 CGR Road in NSD for one year from the date of placement of work order.**

Estimated Amount : **Rs. 4,98,780.13**

Earnest Money : **Rs. 10,000.00**

Time of Completion : **12 (twelve) months**

Tender documents can be obtained from the office of the undersigned during office hours on any working day and up to 12 noon on **19.01.15** on payment of **Rs. 300.00** only per set (non-refundable) on application in duplicate or may be downloaded from the KoPT website [www.kolkataporttrust.gov.in](http://www.kolkataporttrust.gov.in) before 12 noon on **19.01.15**

The tenders must be submitted along with copy of VAT, ESI Registration Certificate, I.T. No. and Valid Labour License No. (as applicable) and documentary evidence in support of Prequalification criteria as mentioned above by 3 P.M. on **20.01.15** fulfilling conditions of Para above or **as per Techno-commercial bid** as per KoPT website [www.kolkataporttrust.gov.in](http://www.kolkataporttrust.gov.in). Tenders will be opened shortly after 3.P.M. on the same day in presence of tenderers or their authorised representatives who may wish to be present. In the event of any unforeseen circumstances such as holidays, bandhs, strikes etc., on that day, the tenders may be submitted by 3 P.M. on the next working day, and will be opened shortly after 3 P.M. on the same day. All other conditions shall remain the same.

Sr. Executive Engineer, N. S .Dock  
वरिष्ठ कार्यकारी अभियंता ( एन. एस. डॉक )

# कोलकाता पत्तन न्यास

## KOLKATA PORT TRUST

सिविल इंजीनियरिंग विभाग/ Civil Engineering Department

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दूरभाष/ Phone: 2439-7912, विस्तार/ Extension: 354, 356

NIT No. 202/NSD/29

dt.24.12.2014

Contract No.29(2014-2015)

E.E.O. No. 29/NSD dt. 21.08.14

Messrs/ Shri.....

C.E .O. No. H/NSD/148 dt. 18.11.14

Allocation: 077/771/271-50%,536-15%,  
817-15% ,928-20%

Dear Sir/s.

Re.: Tender for **Misc. petty repairs at Subhash Bhavan complex, Hydraulic Model Centre GCD area, Loco shed & PSO office Complex at P-65 CGR Road in NSD for one year from the date of placement of work order.**

Sealed tenders are invited from resourceful, experienced and bonafide Registered Contractors of KoPT for the subject work as per following Prequalification Criteria at **Percentage Above par / At par/Below par** of estimated cost put to tender as shown in the Bill of Quantities in accordance with this Notice Inviting Tender, the General Conditions of Contract, Special Conditions of Contract, Specifications for materials and workmanship and Bill of Quantities for this particular contract.

### Essential Pre-qualification Criteria:

A) Tenderer should have experience in **Civil Engineering construction / maintenance works** and have successfully completed similar works during last 7(seven) years ending last day of month previous to the one in which applications are invited should be either the following:

- Three similar completed works costing not less than the amount equal to 40% of the estimated cost put to tender.
- Two similar completed works costing not less than the amount equal to 50% of the estimated cost put to tender.
- One similar completed work costing not less than the amount equal to 80% of the estimated cost put to tender.

B) The intending tenderer should have average Annual Financial turnover during the last **3 years** ending **31<sup>st</sup> March** of the previous financial year should be at least 30% of the estimated amount put to tender.

### **\*\*Similar works means Civil Engineering construction / maintenance works**

- The Trustees' General Conditions of contract, Schedules of rates may be inspected at this office during office hour. Rest of the documents like Special Conditions of Contract, B.O.Q. etc. are attached herewith.
- In case of a tenderer who has already deposited a Permanent Security with the KoPT under the new rules, he shall be bound by the Clauses of the General Conditions of the Contract pertaining to Earnest Money and Security Deposits for Registered Contractors.
- The tenderers, who are tendering beyond their financial limit as per their class of enlistment with KoPT, as per New Rules, are requested to deposit a sum of **Rs. 10,000.00** as Earnest Money in the form of **Bankers' cheque / Demand Draft / Pay order** in favour of **"KOLKATA PORT TRUST"** on any **Schedule Bank payable at Kolkata** before submission of the tender. The original Bankers' cheque / Demand Draft / Pay order must be attached with the tender. This amount will be refunded to the unsuccessful tenderers without **any interest**. In case of being the successful tenderer, this amount will be adjusted against the Security Deposit as per the relevant clause of the G.C.C.

5. The tenderers (Registered contractors of KoPT) may also submit the tender getting downloaded before 12 noon on **19.01.15** from the website of KoPT. In that case the bidding party shall have to pay the amount of **Rs. 300.00 (non-refundable)** towards the cost of bid document by draft or banker's cheque drawn in favour of 'Kolkata Port Trust' at the time of submission of tender documents.
6. The rates quoted by the Contractor must be valid up to **4 (four)** months after opening.
7. The rate quoted by the tenderer should be complete in all respect and should include all taxes, octroi, surcharge etc. and no extra payment, whatsoever will be entertained by the Trustees' under any circumstances.
8. While quoting the rate it should be noted that the tenderer should on no account overwrite the figures. Any correction necessary, should be made by cancelling the original figures and writing the corrected figures on the top. All such corrections should be initialled by the tenderer. If the figures are tampered with, the tender shall be liable to be rejected.
9. If there is any disparity between the quoted rate in percentage and the Tender Amount, the rate quoted in percentage shall prevail as the rate quoted by the tenderer and the Tender Amount shall be derived by adding/subtracting (as the case may be) this percentage with/from the Estimated Value put to tender. Similarly in case of disparity between the rate quoted in figures and in words, the rate quoted in words shall prevail.
10. The tender duly filled in, totalled and signed along with the following documents shall be submitted in sealed cover superscribed the above name of work so as to reach this office within 3 P.M. on **20.01.2015** The tender will be opened shortly after 3 P.M., on the same day and the intending tenderers or their authorised representatives may attend. In the event of any unforeseen circumstances such as holidays, bandhs, strikes etc., on that day, the tenders may be submitted by 3 P.M. on the next working day, and will be opened shortly after 3 P.M. on the same day.
  - a. Copy of the documents in support of Essential Prequalification Criteria as mentioned in **Clause – A** above.
  - b. Copy of Vat Registration Certificate.
  - c. Copy of ESI Regd. Certificate or copy of documents as mentioned in **Clause No.: 22** of Special Conditions of Contract.
  - d. Copy of PAN Card
  - e. Trade License
  - f. Annual Financial Turnover as mentioned in **Clause-B** above.
11. All tenderer should enclose a check list duly filled up enclosing the relevant documents as per the Proforma attached with the tender documents. In case, it is found that in spite of giving undertaking in the checklist, if any tenderer fails to quote and/ or if any particulars furnished in the checklist are found incorrect, they will also be warned.

In case the same enlisted contractors repeat such mistake on second occasion, his fixed Security Deposit would be forfeited and he will be debarred in participating in future tenders

Proforma of Check list (**Marked Annexure – B**) should be attached as a covering letter alongwith sealed envelop containing the offer.

The undersigned does not bind himself to accept the lowest or any tender or to assign any reason there for and also reserve the right to accept or reject any or all the tenders in part or whole.

Enclose: All papers as stated above.

Yours faithfully,

वरिष्ठ कार्यकारी अभियंता ( एन. एस. डी.)  
(Sr. Executive Engineer, N. S .Dock)

Tender for **Misc. petty repairs at Subhash Bhavan complex, Hydraulic Model Centre GCD area, Loco shed & PSO office Complex at P-65 CGR Road in NSD for one year from the date of placement of work order.**

### Scope of the Work :

The work comprises of “Tender for **Misc. petty repairs at Subhash Bhavan complex, Hydraulic Model Centre GCD area, Loco shed & PSO office Complex at P-65 CGR Road in NSD for one year from the date of placement of work order.**” at NSD as per the items described and set forth in the particular Bill of Quantities & Specifications all in accordance with the Trustees’ General conditions and Special Conditions of Contract.

### SPECIAL CONDITIONS OF CONTRACT

#### 1. **General :**

These conditions are part of the tender documents, which must be read as a whole, the various sections being complimentary to one another, and are to be taken as mutually explanatory. These conditions shall be read in conjunction with the other parts of the tender documents viz. Trustees’ General Conditions of Contract, Drawings if any, and other documents forming part of the Contract.

Unless otherwise specified the work to be provided for by the contractor shall include but not be limited to the following:

- a) Provide all materials, supervision, testing, services, scaffolding, formwork, reinforcements, temporary drainage, temporary fencing and temporary lighting as required for safety and work purposes etc, for the execution of the work.
- b) To take all the safety measures like using safety belt, helmet etc. required for such type of work and if required, insures the labourers against any accident, which may occur in the course of execution of the job.
- c) Any damage to KoPT property should be made good by the tenderer at their own cost as per satisfaction of KoPT’s Engineer

#### 2. **Work Site :**

The Work site is located **at Subhash Bhavan complex, Hydraulic Model Centre GCD area, Loco shed & PSO office Complex at P-65 CGR Road in NSD**

and as described in the name of the work. The tenderer shall visit the site of work and acquaint himself with the exact nature, scope and site of work before quoting his rates. No claims for any extra payment will be entertained under any circumstances after opening of the tender on this account. The contractor shall bear in mind that least possible inconvenience are to be created for users of essential facilities located within or in the vicinity of the works site during the tenure of his work. Shifting of office furniture is to be done as per requirement without any extra cost.

#### 3. **Working Period :**

Normally the work will be carried out between 8 A.M. to 5 P.M. on the Trustees’ working days only. In case of any deviation from this the contractor shall have to take prior permission from the Engineer-in-Charge. However, the tenderer should note that he might be required to carry out the job on Sundays, holidays and after normal working hours and at night in addition to the normal working hours to expedite the progress of the work. The tenderer should include in his rates the cost, if any, involved on these accounts.

#### 4. **Time of Completion :**

The work will be completed within **12 (twelve) months** from the date of placement of order.

## **5. Site Godown and Watching :**

The contractor shall have to make his own arrangements for construction of site godown (if any) for storage of materials and security thereof during day and night at his own cost. The godown and other temporary structures, if erected, are to be dismantled by the contractor before leaving the site after completion of the work at his own cost. The Trustees' will, however, allow the construction of godown on the Trustees' land free of rent during execution of the work.

## **6. Forwarding of Materials :**

The contractor shall have to arrange transport for forwarding any usable/ saleable materials that may be found during the process of execution of the work to the Trustees' Sales Yard or any other Site/ Godown including labourers, transportations, loading, unloading all complete as per the direction of the Engineer-In-Charge. No separate payment will be made to the contractor on this account unless specifically mentioned in the B.O.Q.

## **7. Workmanship :**

The contractor shall maintain workmanship of different items with an idea of providing a trouble-free service to the users of different facilities. For this, it is expected that different fittings/ fixtures after installation should not need attendance for a period up to three months and throughout the contract period the same has to be attended by the contractor at no extra cost to the Trustees'. All cement works shall have to be adequately cured as per relevant codes with no extra cost to the Trustees'.

## **8. Materials and Transport :**

All materials including cement, except mentioned otherwise in the items of the attached bill of quantities, for successful completion of work shall have to be procured and supplied by the successful tenderer at his own cost. The cement if used shall be of 43/ 53 Grades OPC or Slag cement as per the direction of the Engineer-In-Charge. The materials supplied by the contractor shall be of approved quality and approval also shall have to be taken from the Engineer at site before using the materials to the work. Rejected materials, if any, shall have to be removed by the contractor with his own labour and transport at his own cost immediately on receipt of the instruction.

## **9. Testing of materials :**

Testing of any materials including cement (if required) shall have to be carried out at the Laboratories to be recommended by the Engineer-in-Charge. No payment will however be made to the contractor towards charges for testing. which are not mentioned in the BOQ but to be done as per the codes and specifications.

## **10. Supervision :**

The contractor shall have to engage sufficient number of qualified and skilled persons to supervise and execute the work. The contractor shall solely be responsible for any defective construction/ rectification as a result of poor supervision.

## **11. Escalation/ variation in Prices :**

No escalation/ variation on prices of labour as well as materials will be entertained.

## **12. Discrepancies in the contract documents :**

The several documents forming the contract shall be taken, as mutually explanatory of one another and in case of one and in case of discrepancies the **Specifications and Bill of Quantities** shall prevail over **signed drawings, Bill of Quantities** over the **Specifications, Technical Specifications and other particulars** over **Standard Specifications** and **Special Conditions** over the **General Conditions**. The Engineer's decision on this matter however, shall be final and binding and the tenderer's attention is drawn to clause 4.3 of the General Conditions of Contract in this respect. The execution of work shall conform minutely to the approved and assigned drawings and specification and any other details drawings which shall be provided/duly approved by the Engineer during the progress of the work as to such other drawings those have formed part of the contract documents.

### **13. Specifications/ Codes and Standards :**

All works under this Contract will be executed according to the spirit of the Trustees' Specification for works. Whenever the details are not specifically covered in the specifications, relevant provisions in the latest revision and/ or replacements of the Indian Standard Specifications (IS) or any other Inter-national Code of Practice/ CPWD specifications will be followed. The Contractor shall have to procure copies of such codes/ standards for ready reference of his own personnel as well as the Trustees' Engineers at site at his own cost and without any additional reimbursement.

### **14 . Plants and Equipments :**

All constructional plants and equipments shall have to be supplied by the successful tenderer for completion of the job at his own cost. However any plant, if available, with the Trustees' may be supplied to the contractor on rental basis as per Trustees' rate. Intending tenderers should note that the resulting delay due to late deployment (if any) as well as deployment of improper and/ or inadequate plant(s) and equipment(s) in the work will not be considered while considering the extension of time of the contractor.

### **15. Errors in the B.O.Q. :**

In case rate of particular item is printed erroneously in BOQ, the rate stated in the Schedule of rates will prevail over the rate misprinted in BOQ.

### **16. Safety:**

The contractor shall follow all safety precautions for prevention of injury or accidents and safeguarding human lives and property. Dock safety regulations shall be strictly observed and safety officers of the KoPT accorded all facilities for inspection of the Works, Plants & Equipments etc, whenever so required. The contractor shall further comply with any instruction issued by the Engineer in respect of safety, which may relate to temporary or permanent works, working of tools, plants & equipments, means of access or any other aspect. The contractor shall provide all necessary first aid measures, rescue and life saving equipment, etc in proper condition, which shall be readily available for use at all times. The contractor shall adopt all the above safety measures at his own cost.

### **17. Protection of existing services:**

The contractor must pay full attention to the fact that the existing service facilities for users are not disturbed at any time due to storing of materials and rubbish and take every precaution to keep the entrance passage clear if the same are being used by the labourers.

### **18. Cleaning during execution and after completion:**

During execution of work the existing furniture, almirah etc. should be well protected and covered with polythene sheet and if required same may be shifted and repositioned after completion of the work as per direction of Engineer at the contractor's own cost.

On completion of the works the contractor shall reinstate and make good at his own expense any property or land which might have been disturbed and/or damaged by his works. He should also clean the site as required during execution and fully clear the site after completion of all the works.

The contractor shall clean out all parts of the work and leave everything clean and tidy to the entire satisfaction of the engineer.

### **19. Water:**

Water required for drinking and other purposes and for works will have to be arranged by the Tenderer at their own cost. However, KoPT will arrange to provide a source of supply for drinking water at one point free of charge from where the Contractor may draw a line for the purpose of drinking water only.

### **20. Power Supply:**

If possible a supply of power shall be made available at required points at free of cost. However, it is to be noted that in the event of KoPT fails to make available supply of powers, the Contractor shall have to make his own arrangement for the supply of power at no extra cost to the Trustees'.

## **21. Compliance to the Labour Laws and Contract Labour Regulation and Abolition Act, 1970:**

The contractor shall be required to comply with the Minimum wages Acts 1948, Employees Liability Act, 1938, Industrial Disputes Act, 1938, Industrial Dispute Act, 1940 and The Contract Labour (Regulation and Abolition) Act, 1970, or statutory amendments and the modifications thereof, any other laws relating thereto and the rules made there under from time to time.

It will be the duty of the contractor to abide by the provisions of the Act. Ordinances, Rules, Regulations, Byelaws and Procedures as are lawfully necessary in the execution of the works. The contractor will be fully responsible for any delay/damage etc. and keep the Engineer indemnified against all penalties and liabilities of any kind for noncompliance or infringement of such Acts, Ordinances, Rules, Regulations By-laws and Procedures.

The contractor shall indemnify the KoPT against payment to be made under or for the observance of the laws aforesaid without prejudice to his right to claim indemnity from his subcontractor.

The aforesaid regulations shall be deemed to be a part of this contract and any breach thereof shall be deemed to be a Breach of Contract. It will be obligatory on the part of Contractor to obtain necessary Labour License from the Competent Authority for deploying requisite Nos. of labours in the work and submit to the Engineer-In-Charge prior to commencement of the work.

## **22. Compliance of ESI Act - 1948**

All intending tenderer at the time of tender shall disclose all necessary documents as to whether they are covered under ESI Act or not.

- i) In case they are covered under ESI Act, they have to furnish the details of registration, failing which their tender would be liable to be cancelled.
- ii) In case they are not covered under ESI Act or exempted, they would furnish necessary documents along with an affidavit affirmed before a first class Judicial Magistrate to that effect as per enclosed Proforma **(Marked Annexure-A)**
- iii) In case they are not covered under ESI Act, they must additionally indemnify KoPT against all damages and accident occurring to his labour in a Non – Judicial Stamp Paper worth Rs. 50.00. The same should be submitted by the L -1 tenderer after opening of the tender. The Proforma Indemnity Bond shall have to be collected by the L – 1 tenderer from the office of the Senior Executive Engineer, N.S.Dock after opening of the tender.
- iv) The stamp paper for Affidavit & Indemnity Bond may be purchased before the date of N.I.T. but the affidavit should be sweared after the date of N.I.T. The same should be purchased in the name of tenderer or with the name of Advocate who has signed in the affidavit.

## **23. Compliance of Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 1996 and Other Construction Workers' Welfare Cess Act, 1996.**

- i) The successful tenderer will be required to comply with the relevant provisions of Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 1996 and West Bengal Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 2004 as well as Building and Other Construction Workers' Welfare Cess Act, 1996 and the rules framed thereunder.
- ii) An amount of Cess calculated at the rate of 1% of the billed amount shall be progressively recovered from each running bill as well as from the final bill of the Contractor for onward transmission of the same to the appropriate authority.

## **24. i) Dock permit:**

The Contractor will be issued permits, if required free of cost, for their men, materials carrying transport, equipment, etc. When they are executing work awarded by KoPT inside the prohibited areas. Such free permits will be issued to the contractors on the basis of application indicating the specific number of free permits to be required, for men, materials carrying transport, equipment etc. However, token charge of **Rs. 5 per Person per Occasion** will be levied for creation of new I.D. in the Permit system.

ii) Necessary permission from Competent Authority to executed the works within the restricted area is required to be obtained.

**25.** Tenderers attention is drawn to clause 3.4, 3.5 and 3.6 of the general condition of contract regarding Earnest Money and Security Deposit prescribed in the tender and clause 8.0 regarding Delay / Extension of time / Liquidated Damage / Termination of Contract.

**26. Service Tax**

As KoPT is not a Registered Body Corporate , it is not liable to pay service tax under "Reverse Charge Mechanism" as per Service Tax Law . The service provider is liable to recover service tax as applicable.

**27.** Terms of payment will be guided by G.C.C. **Clause No. 6.**

**28.** Income Tax and other Taxes as applicable will be deducted as per rule.



## **PREAMBLE TO THE BILL OF QUANTITIES**

Tender for: **Misc. petty repairs at Subhash Bhavan complex, Hydraulic Model Centre GCD area, Loco shed & PSO office Complex at P-65 CGR Road in NSD for one year from the date of placement of work order.**

1. The contractor shall bear in mind that the work is purely petty in nature and have to be carried out according to the necessity / requisition of the users, as and when required, during the period of the contract. The work relates to the day – to - day maintenance work for which the successful tenderer shall have to keep contract with the Site-in-Charge daily for taking instructions / requestions for the works to be attended.
  
2. The quantities as given in the Bill of Quantities are notional and the actual execution of the work may vary considerably according to the actual requirements at sites. It may so happen that some of the items of the Bill of Quantities may not be required at all when some of the items of the B.O.Q. may be required to be executed in excess.



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## KOLKATA PORT TRUST

सिविल इंजीनियरिंग विभाग/ Civil Engineering Department

वरिष्ठ कार्यकारी अभियंता, एन. एस. डी. का कार्यालय

Office of the Senior Executive Engineer, N.S.Dock

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दूरभाष/ Phone: 2439-7912, विस्तार/ Extension: 354, 35

**E.E.O. No. 29/NSD dt-21.08.14**

**Allocation: 077/771/271, 50%-536-15%,  
817-15%, 928-20%**

Name of Work: -Misc. petty repairs at Subhas Bhavan complex, Hydraulic Model Centre, GCD area, Loco shed & PSO Office Complex at P-65 CGR Road in NSD for 1 year from the date of work order.

### BILL OF QUANTITIES

Item No	Description of Item	Unit	Qty	Rate Rs. P	Amount Rs. P
1	Dismantle all types of masonry excepting cement concrete plain or reinforced, stacking serviceable materials at site & removing the rubbish as directed.				
	a) In ground floor including roof	Cum	2.00	276.64 (Rupees two hundred seventy-six and paise sixty-four only)	553.28
	b) In 1st floor	Cum	1.00	306.64 (Rupees three hundred six and paise sixty-four only)	306.64
	c) In 3 <sup>rd</sup> floor.	Cum	1.00	366.64 (Rupees three hundred sixty-six and paise sixty-four only)	366.64
2	Strip off worn out plaster & raking out joints of walls ceilings etc. up to any height and in any floor including, removing rubbish and stacking any where within the compound as directed.	Sqm	250.00	11.60 (Rupees eleven and paise sixty only)	2,900.00
3	Cutting chase up to 125 x 150 mm and subsequent mending of damages.				
	a) In brick wall.	Mtrs.	10.00	70.33 (Rupees	703.30

				seventy and paise thirty- three only)	
	b) In concrete wall.	Mtrs.	10.00	82.23 (Rupees eighty-two and paise twenty-three only)	822.30
4	Dismantling R.C. floor, roof, beams etc. including cutting rods and removing rubbish as directed including stacking of steel bars.				
	a) In ground floor including roof.	Cum	1.00	1210.99 (Rupees one thousand two hundred ten and paise ninty-nine only)	1,210.99
	b) In 1 <sup>st</sup> floor including roof	Cum	1.00	1240.99 (Rupees one thousand two hundred forty and paise ninty-nine only)	1,240.99
	c) In 3 <sup>rd</sup> floor including roof	Cum	1.00	1300.99 (Rupees one thousand three hundred and paise ninty-nine only)	1,300.99
5	Dismantle artificial stone flooring up to 50 mm thick carefully chiselling without damaging base and removing rubbish as directed. In ground floor including roof.	Sqm	5.00	30.94 (Rupees thirty and paise ninty- four only)	154.70
6	Dismantle all types of plain cement concrete works up to 150 mm thick stacking serviceable materials at site and removing rubbish as directed. a) In ground floor including roof.	Cum	1.00	582.16 (Rupees five hundred eighty-two and paise sixteen only)	582.16
	b) In 1 <sup>st</sup> floor including roof.	Cu. M.	1.00	612.16 (Rupees six hundred twleve and paise sixteen only)	612.16
	c) In 3 <sup>rd</sup> floor including roof.	Cu. M.	1.00	672.16 (Rupees six hundred seventy-two and paise sixteen only)	672.16
7	Ordinary cement concrete with graded stone chips (20mm size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS code.				

	Pakur / Chandil variety, as per IS:456-2000				
	i) Mix 4:2:1 a) In ground floor.	Cum	2.00	5001.28 (Rupees five thousand one and paisa twenty-eight only)	10,002.56
	b) In 1 <sup>st</sup> floor.	Cum	0.50	5060.16 (Rupees five thousand sixty and paisa sixteen only)	2,530.08
	c) In 3 <sup>rd</sup> floor.	Cum	0.50	5177.92 (Rupees five thousand one hundred seventy-seven and paisa nienty-two only)	2,588.96
	ii) Mix 1:1 ½ :3) a) In ground floor	Cu. M,	0.50	5675.32 (Rupees five thousand six hundred seventy-five and paisa thirty-two only)	2,837.66
	b) In 1 <sup>st</sup> floor.	Cu. M.	0.50	5734.20 (Rupees five thousand seven hundred thrity-four and paisa twenty only)	2,867.10
	c) In 3 <sup>rd</sup> floor.	Cu. M.	0.50	5851.96 (Rupees five thousand eight hundred fifty-one and paisa nienty-six only)	2,925.98
8.	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. including the supply of rods, initial straightening and removal of loose rust (if necessary cutting to requisite length, Hooking and bending to correct shape, placing in proper position and handing with 16 gauge black annealed wire at every inter section, complete as per drawing and direction. For works in foundation, basement and up to roof of ground floor/ up to 4m. Tor steel/mild steel.	M.T.	0.10	69334.00 (Rupees sixty-nine thousand three hundred thirty-four only)	6,933.40
9	Brick work with 1 <sup>st</sup> class bricks in cement mortar (6:1)				
	a) In foundation & plinth.	Cu. M.	2.00	4999.00	9,998.00

				(Rupees four thousand nine hundred nienty-nine only)	
	b) In ground floor in superstructure.	Cum	1.00	5147.00 (Rupees five thousand one hundred forty-seven only)	5,147.00
	c) In 1 <sup>st</sup> . floor	Cum	0.50	5213.99 (Rupees five thousand two hundred thirteen and paisa nienty-nine only)	2,607.00
	d) In 3 <sup>rd</sup> floor.	Cum	0.50	5347.97 (Rupees five thousand three hundred forty-seven and paisa nienty-seven only)	2,673.99
10	125 mm. thick bricks work with 1 <sup>st</sup> class brick in cement mortar (4:1)				
	a) In ground floor.	Sqm	5.00	677.00 (Rupees six hundred seventy-seven only)	3,385.00
	b) In 1 <sup>st</sup> floor	Sqm	3.00	684.14 (Rupees six hundred eighty-four and paisa fourteen only)	2,052.42
	c) In 3 <sup>rd</sup> floor.	Sqm	3.00	698.42 (Rupees six hundred nienty-eight and paisa forty-two only)	2,095.26
11.	75 mm thick brick work with 1st class bricks set in sand cement mortar (3:1) including H.B. netting in every alternate layer.				
	a) In ground floor	Sqm	3.00	505.00 (Rupees five hundred five only)	1,515.00
	b) In 1 <sup>st</sup> floor.	Sqm	3.00	512.14 (Rupees five hundred twelve and paisa fourteen only)	1,536.42
	d) In 3 <sup>rd</sup> floor.	Sqm	3.00	526.42 (Rupees five hundred twenty-six and paisa forty-	1,579.26

				two only)	
12	Applying epoxy based reactive jointing agent for jointing the old concrete with fresh concrete to be applied within manufacturer's specified time as per manufacturer's specification. (Note: Applicable only when the full diameter of reinforcing steel is exposed)	Sqm	5.00	331.41 (Rupees three hundred thirty-one and paisa forty-one only)	1,657.05
13.	Artificial stone flooring in floor, dado, staircase etc. with cement concrete (4:2:1) with stone chips laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (2:1) including smooth finishing and rounding off corners and including application of cement slurry before flooring works, using cement @ 1.75 kgs / sqm all complete including all materials and labour in ground floor. 3mm thick topping (high polishing, grinding on this item is not permitted) with ordinary cement. 25 mm thick.	Sq. m.	5.00	219.04 (Rupees two hundred nineteen and paisa four only)	1,095.20
14	Supplying, fitting and fixing 1 <sup>st</sup> quality ceramic tiles in walls and floors to match with the existing work & 4 nos. of key stones (10 mm) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc. i) Floor With sand cement mortar (1:4) 20 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 kg/sq. m. & joint filling using white cement slurry @ 0.20kg/sq. m. Area of each tile up to 0.09 Sq. m Coloured decorative.	Sqm	5.00	711.71 (Rupees seven hundred eleven and paisa seventy-one only)	3,558.55
	ii) Wall With sand & cement mortar (1:3) etc. Area of each tile up to 0.09 sq. m. Coloured directive	Sq. m.	5.00	724.93 (Rupees seven hundred twenty-four and paisa ninety-three only)	3,624.65
15.	Plaster to wall, floor, ceiling with sand and cement mortar (6:1) including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface by chipping, etc., including throating, nosing and drip course where necessary in ground floor. In ground floor plaster with 6:1 cement mortar. (Internal plaster)				
	a) In ground floor.				
	(i) 20 mm thick plaster with 6:1 cement Mortar.	Sqm	150.00	124.75 (Rupees one hundred twenty-four and paisa seventy-five only)	18,712.50
	b) In 1 <sup>st</sup> floor – (Internal plaster)				

	(i) 20 mm thick plaster with 6:1 cement mortar	Sqm	100.00	126.98 (Rupees one hundred twenty-six and paisa nienty-eight only)	12,698.00
	c) In 3 <sup>rd</sup> floor. (Internal plaster)				
	i) 20 mm thick plaster with 6:1 cement mortar	Sqm	100.00	131.44 (Rupees one hundred thirty-one and paisa forty-four only)	13,144.00
	d) 4 <sup>th</sup> floor. (Internal plaster) i) 20 mm thick plaster with 6:1 cement mortar	Sq. m.	25.00	133.67 (Rupees one hundred thirty-three and paisa sixty-seven only)	3,341.75
16	Neat cement punning about 1.5 mm thick in wall, dado, window, sills, floor, drain etc. Note: Cement 0.152 Cum. per 100 Sqm	Sqm	30.00	28.51 (Rupees twenty-eight and paisa fifty-one only)	855.30
17	MS or WI ornamental grill of approved design, joints continuously welded with MS, WI flats & bars for windows, railings, etc. fitted & fixed with necessary screws and lugs in ground floor: Grill weighing above 16 Kg./Sqm. and above. (N.B. No shop priming will be allowed to facilitate inspection of workmanship. Weight of grill is to be taken after final grinding and finishing the weld.)	Qntl.	0.50	6238.77 (Rupees six thousand two hundred thirty-eight and paisa seventy-seven only)	3,119.38
18	Renewing bottom rail or top runners of collapsible gate including mending good all damages.	Kgs	20.00	72.64 (Rupees seventy-two and paisa sixty-four only)	1,452.80
19	Repairing collapsible gate by cutting out all rivets as necessary, re-assembling all members including welding pieces of channels. Straightening bent bars and riveting with new rivets and fitting in position and painting two coats.	Sqm	2.50	343.15 (Rupees three hundred forty-three and paisa fifteen only)	857.87
20	Renewing M.S. members of steel shutters by welding including taking out the old, mending good damages complete, including taking out and refixing the glass panes.	Mtrs.	10.00	208.46 (Rupees two hundred eight and paisa forty-six only)	2,084.60
21	Renewing steel plated or oxidised casement stay or peg stay of steel window frames including painting two coats with approved paint complete.	Each	10	54.14 (Rupees fifty-four and paisa fourteen only)	541.40
22	Renewing one point steel (oxidised) handle of steel doors and windows as directed including painting complete.	Each	10	44.50 (Rupees forty-four and paisa fifty only)	445.00
23	Renewing hinge of steel shutter including taking out old one by cutting and fixing new hinges by welding and mending good damages complete	Each	10	197.86 (Rupees one hundred nienty-seven	1,978.60

				and paisa eighty-six only)	
24.	Taking out M.S. or W.I. grills from wooden frame including cutting lugs from Masonry wall and refitting the same and mending good damages after repairs (excluding the cost of necessary repairs of damages) or doing any other necessary works.	Each	15	61.91 (Rupees sixty-one and paisa nienty-one only)	928.65
25	Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contract surface of the frame excluding cost of concrete, iron butt hinges and M.S. clamps. (The quantum should be corrected up to three decimals). Sal: Malayasian	Cum	0.25	69527.00 (Rupees sixty-nine thousand five hundred twenty-seven only)	17,381.75
26	Supplying, fitting and fixing M.S. clamp for door and window frame made of flat bent bar, end bifurcated, with necessary screws etc. by cement concrete (1:2:4) as per direction. (Cost of concrete will be paid separately). 40 mm x 6 mm, 125 mm length.	Each	12	23.13 (Rupees twenty-three and paisa thirteen only)	277.56
27	Iron butt hinges of approved quality fitted and fixed with steel screws with I.S.I. mark.				
	a) 100 mm x 58 mm x 1.90 mm	Each	40	45.73 (Rupees forty-five and paisa seventy-three only)	1,829.20
	b) 75 mm x 47 mm x 1.70 m	Each	40	28.43 (Rupees twenty-eight and paisa forty-three only)	1,137.20
28	Taking out old iron hinges and fitting, fixing the same with new steel screws.				
	a) 100 mm long butt hinge.	Each	12	11.88 (Rupees eleven and paisa eighty-eight only)	142.56
	b) 75 mm long butt hinge.	Each	20	7.08 (Rupees seven and paisa eight only)	141.60
29	Iron catch hook of approved quality fitted and fixed to shutter and chowkat. 6 mm dia x 225 mm	Each	30	69.45 (Rupees sixty-nine and paisa forty-five only)	2,083.50
30	Renewing iron mortice lock (local best approved quality) 6 lever size with handle, connecting rods and keys consisting a complete set. With chromium plated handle.	Each	5	904.31 (Rupees nine hundred four and paisa thrity-one only)	4,521.55
31	Supplying 'Godrej' mortice lock chromium plated with keys 6 levers including fitting & fixing complete.	Each	2	1407.04 (Rupees one thousand four hundred seven and paisa four only)	2,814.08



32	Hydraulic door closer of approved quality as per I.S.I. standard fitted and fixed complete. Medium (I.S.I. size-2)	Each	8	715.41 (Rupees seven hundred fifteen and paisa forty-one only)	5,723.28
33.	Anodised aluminium floor doorstopper.	Each	10	67.91 (Rupees sixty-seven and paisa nienty-one only)	679.10
34	Repairs to automatic door closer including replacement of damaged main spring, oiling and adjusting as necessary including taking out and refitting the same.	Each	5	342.09 (Rupees three hundred forty-two and paisa nine only)	1,710.45
35	Anodised aluminium barrel/tower/socket bolt (full covered) of approved manufactured from extruded section conforming to IS: 204/74 fitted and fixed with cadmium plated screws.				
	a) 150 mm long x 10 mm dia bolt	Each	20	66.86 (Rupees sixty-six and paisa eighty-six only)	1,337.20
	b) 225 mm long x 10 mm dia bolt	Each	10	92.29 (Rupees nienty-two and paisa twenty-nine only)	922.90
36	Anodised aluminium D-Type handle of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 230/72) fitted and fixed complete. With continuous plate base (hexagonal/round rod. 125 mm grip x 10 mm dia rod.	Each	10	94.87 (Rupees nienty-four and paisa eighty-seven only)	948.70
37	Supplying fitting and fixing 4 mm thick acrylic ornamental finger plate made of transparent acrylic sheet including providing holes of knobs and keys as per existing shutter and chamfering the edges of the plastic sheet.	Sqm	0.50	568.17 (Rupees five hundred sixty-eight and paisa seventeen only)	284.09
38	Labour for taking out door and window frame including shutter for repair or replacement of different parts of the frame and refixing the same including mending good all damages complete: Area up to 2.50 Sq. m.	Sq. m.	10.00	79.15 (Rupees seventy-nine and paisa fifteen only)	791.50
39	Taking out shutters of door and window dismantling by parts (for repair or replacement of damaged parts) reassembling and refitting and rehangng the same with old fittings, but with new screws as necessary. (Where different parts of same shutter are renewed under different item, payment under item 52 will be made once only)	Sqm	20.00	86.67 (Rupees eighty-six and paisa sixty-seven only)	1,733.40
40	Easing door and windows	Each	50	10.56 (Rupees	528.00

				ten and paisa fifty-six only)	
41	Glazed shutters of doors, windows, fan, light, clearstory windows etc as per design (with ordinary glass of 7.4 kg/Sqm 3 mm thick) fitted with putty bed and teak wood bead and nails including fitting and fixing shutter in position but excluding the cost of hinges and other fittings, cost of glass, putty, wooded beads etc. which will be paid separately. In all floor. 35 mm thick shutters. Sishu, Gamar, Champ, Badam, Bhola, Mogra, Hallak.	Sqm	8.00	2155.44 (Rupees two thousand one hundred fifty-five and paisa forty-four only)	17,243.52
42.	Supplying solid flush type doors of commercial quality, the timber frame consisting of top and bottom rails and side styles of well seasoned timber 65 mm wide each and entire frame fitted with 37.5 mm. wide battens placed both ways in order to make the door of solid core and internal lipping with Garjan or similar wood veneers using phenol formaldehydes as glue etc complete, including fitting, fixing shutters in position but excluding the cost of hinges and other fittings in all floor: 35 mm thick shutters, single leaf.	Sqm	5.00	2447.64 (Rupees two thousand four hundred forty-seven and paisa sixty-four only)	12,238.20
43	Partition of commercial ply as per design fitted and fixed complete (excluding the supporting framework but including necessary teak wood battens of size 40 mm x 25 mm). In all floor.				
	a) 6 mm thick	Sqm	5.00	760.42 (Rupees seven hundred sixty and paisa forty-two only)	3,802.10
	b) 12 mm thick.	Sqm	5.00	995.67 (Rupees nine hundred nienty-five and paisa sixty-seven only)	4,978.35
44	Woodwork in posts, post plates, rafters, battens, truss members, purlins etc fitted and fixed complete (excluding the cost of bolts only, but including the cost of nails screw etc.) (The quantum should be corrected up to three decimals)- Malaysian Sal.	Cum	0.05	69385.21 (Rupees sixty-nine thousand three hundred eighty-five and paisa twenty-one only)	3,469.26
45.	Anodised aluminium Aldrop/sliding bolts of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 2681/66) fitted and fixed complete. i) 250 mm x 16 mm dia bolt.	Each	3	246.34 (Rupees two hundred forty-six and paisa thrity-four only)	739.02
	ii) 300 mm x 16 mm dia bolt.	Each	2	254.37	508.74

				(Rupees two hundred fifty-four and paisa thrity-seven only)	
46	Iron door ring of approved quality fitted and fixed with nut and washer complete 50 mm dia.	Each	20	17.02 (Rupees seventeen and paisa two only)	340.40
47	Strengthening corners of shutters with M.S. corner plate (150 mm x 37.5 mm) fitted with screws: With 3.0 mm thick plate.	Each	20	19.20 (Rupees nienteen and paisa twenty only)	384.00
48	Panel shutter of door and window, as per design (each panel consisting of single plank without joint), including fitting and fixing the same in position but excluding the cost of hinge and other fittings. In all floor: 35 mm thick shutter with 19 mm thick panel of size 30 to 45 cm. Sishu, Gamar, Champ, Badam, Bhola, Mogra, Hallak	Sqm	4.00	2455.12 (Rupees two thousand four hundred fifty-five and paisa twelve only)	9,820.48
49	Styles and rails of wooden shutters fitted and completed. (Payment to be made on area of new work only). In all floor. 35 mm thick shutter. Sishu, Gamar, Champ, Badam, Bhola, Mogra, Hallak	Sq. m.	1.50	1872.61 (Rupees one thousand eight hundred seventy-two and paisa sixty-one only)	2,808.91
50.	Panel (made of single plank) of door and window shutter to design as directed. In all floor (Payment to be made on area of exposed new work). (In case of non-supply of single plank panel rate of reduction to a maximum of 30% will be made). 19 mm thick panel of 30 cm to 45 cm width. Sishu, Gamar, Champ, Badam, Bhola, Mogra, Hallak	Sq. m.	0.50	909.07 (Rupees nine hundred nine and paisa seven only)	454.53
51.	Z-batten shutters of doors and windows as per design having tongued and groove half lap jointed as per direction of the Engineer-In-Charge including fitting and fixing shutter in position, but excluding the cost of hinges and other fittings in ground floor: Shutter with 25 mm thick planks, 19 mm thick battens. Sishu, Gamar, Champ, Badam, Bhola, Morga, Hallak	Sqm	5.00	2239.14 (Rupees two thousand two hundred thirty-nine and paisa fourteen only)	11,195.70
52	Renewing worn out putty of glass panes. a) Panes not exceeding 0.2 Sqm.	Each	50	23.44 (Rupees twenty-three and paisa forty-four only)	1,172.00
53	Supplying best Indian sheet glass panes set in putty and fitted and fixed with nails and putty complete in all floors. 3 mm thick (weighing 7.4 kg/Sqm)	Sqm	5.00	492.58 (Rupees four hundred nienty-two and paisa fifty-eight only)	2,462.90
54	Cleaning and removing paint mark from glass panes with spirit and removing stains, etc	Sqm	15.00	11.31 (Rupees eleven and paisa thirty-	169.65

				one only)	
55	Taking out carefully G.C.I. or C.I. or asbestos sheets (including ridges etc) from roof or wall after unscrewing bolts, nuts, screws etc. and stacking the materials at site as directed. (Payment to be made on measurement of portion of roof or wall removed.)	Sqm	25.00	25.59 (Rupees twenty-five and paisa fifty-nine only)	639.75
56	Uprooting and removing plants from the surface of walls, parapet etc. and making good damages. Repairing of damages to be paid separately. a) Small plant of girth of exposed stem upto 75 mm i) Lift up to 6 mtr.	Each	150	38.22 (Rupees thirty-eight and paisa twenty-two only)	5,733.00
	ii) Lift beyond 6 mtr to 12 mtrs.	Each	100	7.64 (Rupees seven and paisa sixty-four only)	764.00
57	Painting block letters or digits in Black Japan or any approved paint as per direction.				
	a) Size 2 cm to 2.5 cm	Each	500	5.06 (Rupees five and paisa six only)	2,530.00
58	White washing including cleaning and smoothening surface thoroughly All floors.				
	Two coats (to be done on specific instruction)	%Sqm	1000.00	1163.52 (Rupees one thousand one hundred sixty-three and paisa fifty-two only)	11,635.20
59	Colour washing with any shade with stainers, as required including cleaning and smoothening surface thoroughly. Other than yellow, pink Internal (all floors) one coat. One coat.	%Sqm	200.00	1005.96 (Rupees one thousand five and paisa ninety-six only)	2,011.92
60	Acrylic Distemper to interior wall, ceiling with a coat of solvent based interior grade acrylic primer (as per manufacturer's specification) including cleaning and smoothening of surface. Two coats.	Sqm	1200.00	57.53 (Rupees fifty-seven and paisa fifty-three only)	69,036.00
61	Applying decorative cement based paint of approved quality after preparing the surface including scraping the same thoroughly (Plastered or concrete surface) as per manufacturer's specification. All floors. Two coats.	Sq. m.	100.00	39.74 (Rupees thirty-nine and paisa seventy-four only)	3,974.00
62	Applying interior grade Acrylic Primer of approved quality and brand on plastered or concrete surface old or new surface to receive Distemper / acrylic emulsion paint including scraping and preparing the surface thoroughly, complete as per manufacturer's specification and as per direction of the EIC. (In all floors). One coat. Water based interior grade Acrylic Primer.	% Sq. m.	100.00	2545.20 (Rupees two thousand five hundred forty-five and paisa twenty only)	2,545.20

63	Applying Acrylic emulsion paint of approved make and brand on walls and ceiling including sand papering in intermediate coats including pully (to be done under specific instruction of Superintending Engineer):. Two coats. Luxury Quality	Sqm	100.00	56.26 (Rupees fifty-six and paisa twenty-six only)	5,626.00
64	Painting with ready mixed red lead paint of approved make and brand. One coat.	Sqm	25.00	24.95 (Rupees twenty-four and paisa nienty-five only)	623.75
65	Painting with ready mixed Black Japan of approved make and brand including smoothening surface. Two coats.	Sqm	30.00	44.54 (Rupees forty-four and paisa fifty-four only)	1,336.20
66	a) Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	Sq. m.	150.00	28.38 (Rupees twenty-eight and paisa thrity-eitht only)	4,257.00
	b) Priming one coat of steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	Sq. m.	150.00	23.13 (Rupees twenty-three and paisa thirteen only)	3,469.50
67	Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc including using of approved putty etc on the surface if necessary.				
	a) On timber or plastered surface. With super gloss (hi-gloss)				
	i) Two coats (with any shade except white)	Sqm	200.00	62.62 (Rupees sixty-two and paisa sixty-two only)	12,524.00
	a) On steel or other metal surface: With super gloss hi-gloss of approved quality. i)Two coats (with any shade except White)	Sqm	150.00	59.99 (Rupees fifty-nine and paisa neinty-nine only)	8,998.50
68	French polishing to wood work including preparing surface (ordinary gloss)				
	a) On new woodwork	Sqm	10.00	342.69 (Rupees three hundred forty-two and paisa sixty-nine only)	3,426.90
	b) On old French polished surface including complete removal of the old polish.	Sqm	10.00	385.52 (Rupees three hundred eighty-five and paisa fifty-two only)	3,855.20
69	Rendering the surface of walls and ceiling with plaster of Paris (thickness not less than 1.5 mm.)	Sqm	150.00	55.25 (Rupees fifty-five and paisa twenty-five only)	8,287.50
70	Cutting, cleaning removing jungles including	Sqm	10000.00	1.10 (Rupees	1,100.00

	uprooting removing of rank vegetation, grass, brush wood, cutting / removal small trees saplings or branches of trees falling under area at different area of done and removing spoil up to a distance of 50 m outside the periphery of the area cleaned as per direction including all lead lift cutting instrument, labour etc. complete in all respect.			one and paisa ten only)	
71	Surface dressing of the ground in any kind of soil including removing vegetation inequalities not exceeding 15 cm depth and disposal of the rubbish within a lead up to 75 m as directed.	Sq. m.	200.00	6.45 (Rupees six and paisa forty-five only)	1,290.00
72	Taking out and refixing after oiling and cleaning including adjusting spring of different type of automatic door closer with necessary screw complete.	Each	10	49.83 (Rupees forty-nine and paisa eighty-three only)	498.30
73	Easing and oiling, cleaning rolling shutters excluding repair to inside locks.	Sq. m.	30.00	8.00 (Rupees eight only)	240.00
74	Easing and oiling, cleaning collapsible gate and repairs to locking arrangements.	Sqm	20.00	11.62 (Rupees eleven and paisa sixty-two only)	232.40
75.	Single brick flat soling of picked Jhama bricks including ramming and dressing bed to proper level and filling joints with or local sand.	Sq. m.	10.00	340.00 (Rupees three hundred forty only)	3,400.00
76.	Cement concrete with graded jhama khoa (30 mm size) excluding shuttering. In ground floor and foundation with 6:3:1 proportion.	Cu. M.	1.00	4766.00 (Rupees four thousand seven hundred sixty-six only)	4,766.00
77	Asbestos corrugated (Trafford or similar approved quality) sheet (6 mm thick) work (excluding the supporting frame work) fitted and fixed with 9.5 mm dia 'J' or 'L' hook-bolt & nuts, limpet and bitumen washers and putty with 150 mm end lap & one corrugation minimum side lap complete. (Payment should be made on area of finished work) a) In roof.	Sq. m.	25.00	515.98 (Rupees five hundred fifteen and paisa nienty-eight only)	12,899.50
78.	Galvanised corrugated iron sheet work (excluding the supporting frame work) fitted and fixed with 10 mm dia J or L hook bolts and nuts, limpet and bitumen washers and putty complete with 150 mm end lap and one corrugation minimum side lap. (Payment to be made on area of finished work) (GCI sheet to be supplied by contractor. In roof. With 0.80 mm thick sheet.	Sq. m.	5.00	681.63 (Rupees six hudnred eighty-one and paisa sixty-three only)	3,408.15

79.	Stopping roof leakages in CI/GCI/Asbestos roofing: i) With putty & paint.	% Sq. m.	150	765.00 (Rupees seven hundred sixty-five only)	1,147.50
	ii) Closing holes in C.I. or G.C.I. or asbestos roofing with sheet, bolt, limpet and bitumen washers putty etc.	Each	150	12.48 (Rupees twleve and paisa forty-eight only)	1,872.00
80	M.S. works in brackets made from flats, angles, tees, etc. to sizes specially bent, twisted, forged, making holes, drilled and fitted to rafter to trusses with necessary bolts, nuts, washers or screws etc. (length of straight not less than 230 mm)	Qntl.	0.10	6887.19 (Rupees six thousand eight hundred eighty-seven and paisa nineteen only)	688.71
81.	M.S. Structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, flat, plate / sheet steel channel sections conforming to IS 226, IS 808 & SP (6)- 1964 connected to one another with bracket, gusset, cleats as per design & direction of Engineer-In-Charge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS 816-1956 & IS 1995 using electrodes of approved make and brand conforming to IS 814-1957 haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charges of all tools and plants and labour required for the work including all incidental charges such as electricity charges labour insurance charges etc. Payment to be made on the basis of calculated weight of structural members only in finished work as per IS specified weight. Payment for Gusset, bracket, cleat, rivets, bolts and nuts may be made by adding the actual weight of such items with the weight of finished structural members or 7% of weight for finished structural members weighing not less than 22.5 kg/m. or 15% of weight for finished structural members weighing less than 22.5 kg/m. may be increased to allow for brackets, cleats, rivets, bolts and nuts etc. and no separate payment being made for these items, as per direction of Engineer-In-Charge. The rates are considered for a height of erection 8m. / 2nd. Floor level from the ground. Using structural member of specified section weight us than 22.5 kg / m.	M.T.	0.10	65450.02 (Rupees sixty-five thousand four hundred fifty and paisa two only)	6,545.00
82.	Partition of teak veneer (1mm) as per design fitted and fixed complete (excluding the supporting frame work & necessary teak wood battens): In all floor. 4mm thick commercial quality.	Sq. m.	5.00	442.40 (Rupees four hundred forty-two and paisa forty only)	2,212.00
83.	Provide fit and fix rexin cloth of approved quality and shade over table with nails and paste as required including taking out old owes.	Sq. m.	10.00	144.50 (Rupees one hundred forty-	1,445.00

				four and paisa fifty only)	
84.	Provide fit and fix baize cloth of approved quality and shade over table with nails and paste after taking out old owes.	Sq. m.	5.00	218.80 (Rupees two hundred eighteen and paisa eight only)	1,094.00
85	Provide and fix 5 mm thick planing glass panes for tables, shutters etc. including rounding off edges where necessary.	Sq. m.	3.00	571.40 (Rupees five hundred seventy-one and paisa forty only)	1,714.20
86.	Provide, fit and fix drawer lock (50 mm) with key in table after taking out old owe where necessary.	Each	10	72.00 (Rupees seventy-two only)	720.00
87.	Cleaning and sweeping roof, cornice, drain and box drain etc. in any floor including removing dust, sweeping materials to the ground floor vat of the building.	Sq. m.	1000.00	2.40 (Rupees two and paisa forty only)	2,400.00
88.	Supply fitting fixing cast iron down pipes conforming to IS:3989-1970 and IS: 1729-1964 in position with necessary clamps, nails including making hole in wall, floor etc. and cutting trenches in any soil through masonry concrete structures etc. if necessary and mending good damages including joining with jointing materials complete. [Payment will be made on centre line measurement of the total pipe line including specials. Payment for specials will however be paid separately]. 150 mm dia (Internal).	Metre	4.00	1113.41 (Rupees one thousand one hundred thirteen and paisa forty-one only)	4,453.64
89.	Taking out rain water down pipe.	% Metre	4.00	559.54 (Rupees five hundred fifty-nine and paisa fifty-four only)	22.38
90.	Renewing chokage of rain water pipes with split bamboo.	% Metre	70.00	469.65 (Rupees four hundred sixty-nine and paisa sixty-five only)	328.75
91.	Renewing cemented joint of down pipe.	Each joint	15	10.86 (Rupees ten and paisa eighty-six only)	162.90
92.	Taking out rain water down pipes, removing chokags and refixing the same in position including mending good damages (of taking out and refixing).	Metre	50.00	7.91 (Rupees seven and paisa nienty-one only)	395.50



93.	<p>Supplying and laying standard four course bituminous water proofing treatment as per specification laid down in I.S. 1346-1991 to be finished with Pea size gravel including necessary preparatory works such as shaping mouth of out lets, cutting as and where necessary and refilling with sand and Cement mortar (4:1) or cement concrete (4:2:1) with graded stone chips before undertaking the treatment including cutting grooves in parapet and inserting edge of felt and mending good damage complete in all respect as per direction of Engineer-in-Charge including cost of all materials and labour and incidental charges but regarding. (In sloped roof, course sand of approved varieties is to be used in place of Pea size gravels as fourth and final course).</p> <p>i) 1<sup>st</sup> and 3<sup>rd</sup> course with bonding materials of hot applied industrial below type bitumen of grade 85/25 or 90/15 confirming to I.S. 702-1988 @ 1.20/Sq. mt on each layer.</p> <p>ii) 2<sup>nd</sup> course with Hessian base self finished bitumen type-3 gr-I confirming to I.S. – 1322 – 1993 (weighing 23 kg / 10 Sq. m. Gross with bitumen content 12.10/10 Sq. m.) tested under the provision of I.S. 13826 part) : 1993.</p> <p>iii) 4<sup>th</sup> course with washed and clean pea sized gravel or gut @ 0.006 Cu. Mt/ sq. mt.</p> <p>A) Over sloped roof.</p>	Sq. m.	25.00	275.38 (Rupees two hundred seventy-five and paise thirty-eight only)	6,884.50
94.	<p>Brick soling with picked jhama bricks including preparation of bed as necessary with brick joints properly filled in and packed with powdered earth and including necessary cushion of similar material below the soling (and in between layers when more than one layer is used) completes as per direction. Soling or dry pavement with one brick-on-edge (thickness 125 mm.)</p>	Sq. m.	4.00	548.00 (Rupees five hundred forty-eight only)	2,192.00
95.	<p>Galvanised iron sheet eaves gutter fitted and fixed with necessary 50 mm x 6 mm M.S. flat bar clamps bent to design, bolts, nuts, washers etc. complete. Eaves gutter made of 0.63 mm sheets (300 mm End lapping). 300 mm wide gutter.</p>	Mtrs	10.00	324.03 (Rupees three hundred twenty-four and paise three only)	3,240.30
96.	<p>Supplying fitting and fixing in position approved PVC door frame (matt finish) made of extruded PVC</p>	Mtr.	10.00	252.70 (Rupees two	2,527.00

	multichamber hollow section having dimensions 60 mm x 50 mm x 2 mm (+0.2 mm) horizontal section will be joined with vertical section by galvanised steel screws after inserting two number steel brackets as reinforcement making suitable space for placing hinges, one steel tube 40 mm x 20 mm x 1.20 mm will be inserted on one full vertical side of the frame (hinge side) as reinforcement, the frame will then be fixed in the opening with the help of PVC expandable fastner wooden gutties and galvanised steel screws including cost of all materials and labour, hire charges of tools and appliances, carriage of all materials, taxes and all other incidental charges complete.			hundred fifty-two and paisa seventy only)	
97.	<p>PVC door shutter-37 mm thick:</p> <p>Supplying fitting and fixing PVC door shutter of approved quality &amp; shade in position, the style &amp; rail of the PVC door shutter will be made of rigid PVC multicavity hollow chamber of suitable size and section with 2.0 mm (+0.2 mm) wall thickness, the section will have 2 nos. built in beads, horizontal &amp; vertical section shall be fixed to each other by self tapping screws and 2 nos. of solid plastic of M.S. tubular galvanised brackets of length 200 mm x 80 mm and other 100 mm x 100 mm both 1.20 mm in each corner of the shutter fame for placing hinges. Polymer based multicavity hollow section of 105 mm x 37 mm with 2.00 mm (+0.2mm) wall thickness will be fitted in the middle as lock rail reinforced by solid polymer bar of 200 mm long at both ends &amp; screws for both sides. The section frame will then be fitted in by prepanels of size 100 mm x 20 mm with wall thickness 1.2 mm (+0.2 mm) and 2 nos. of 6 mm dia bright rod will be inserted horizontally with both side check and nut system and stretches where fixing of hinges / hasp bolt / tower bolt / door ring are required to be strong enough to with stand wear and tear. The rate is inclusive of cost of all materials, labour and hire of tools and plants and appliances. Carriage of all materials taxes and all other incidental charges complete. The rate is exclusive of cost of hinges, hasp bolt, tower bolt, door ring etc. In ground floor.</p>	Sq. m.	4.00	2038.67 (Rupees two thousand thirty-eight and paisa sixty-eight only)	8,154.68
<b>Total.....Rs.:</b>					<b>4,98,780.13</b>

**B.F.....Rs. 4,98,780.13**

Rate offered by me/us (Score out whichever is not applicable)

1) .....% above par ( + ) Rs.  
(in figures)

.....  
(in words)

2) At par

3) .....% below par ( - ) Rs.  
(in figures)

.....  
Rs.

**(in words)**

Total amount in words : Rupees .....

T.R. No. & Date:

Permanent Income Tax A/C.No. :

VAT clearance certifica no.:

Date, the day of

Signature of the tender

# THE BOARD OF TRUSTEES FOR THE PORT OF KOLKATA

## **FORM OF TENDER**

CONTRACT NO. ....

To

.....  
.....  
.....

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 **12 (twelve) months** 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/months 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 the Trustees' Financial Adviser & Chief Accounts Officer, a sum of Rs.....vide Receipt No.....of.....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)      Name of the Tenderer: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_ Dated: \_\_\_\_\_

Occupation: \_\_\_\_\_ Address: \_\_\_\_\_

\_\_\_\_\_

## ANNEXURE – A

**On the Rs. 10/- (Rupees Ten) Non Judicial Stamp Paper**

**BEFORE THE 1<sup>ST</sup> CLASS JUDICIAL MAGISTRATE AT \_\_\_\_\_**

### AFFIDAVIT

I \_\_\_\_\_ son of \_\_\_\_\_ aged about \_\_\_\_\_ years, by faith \_\_\_\_\_ by occupation \_\_\_\_\_, residing at \_\_\_\_\_, do hereby solemnly affirm and declare as follows:-

1. THAT I am the Proprietor / Partner of \_\_\_\_\_ having office at \_\_\_\_\_ and carrying on business on the same name and style.

(In case the above Deponent is an enlisted Contractor at Kolkata Port Trust, the same should be mentioned in the affidavit).

2. THAT my aforesaid Firm is exempted from E.S.I. Act and the said Firm has no valid E.S.I. Registration.
3. THAT the present affidavit is to be filed before the Kolkata Port Trust as per the **Clause No.** \_\_\_\_\_ of the **Tender No.** \_\_\_\_\_ issued by the Kolkata Port Trust in respect of the work (the work is to be mentioned).

THAT the statements made above are all true to the best of my knowledge and belief.

Deponent

Identified by

**ANNEXURE – B**

No.:

Dated:

**The Senior Executive Engineer  
N.S. Dock  
51, Karl Marx Sarani  
Kolkata – 700 043**

Dear Sir,

Re: NIT No. 202/NSD/

dt.

The following documents are enclosed in the sealed envelope containing our tender in connection with the above NIT. The original of the documents would be shown for verification as and when requested.

1. Treasury Receipt in original for Earnest Money / Bankers cheque for Earnest Money.
2. Proof of experience as per Essential Pre-qualification criteria
3. Copy of ESI registration Certificate, if applicable

OR

4. An affidavit in original affirmed before a first class Magistrate indicating that ESI Act is not applicable on Non – Judicial Stamp paper worth Rs. 10/- as per your given proforma.
5. Copy of the VAT registration certificate
6. Copy of IT PAN Card
7. Copy of Labour Licence (if applicable)
8. Copy of Trade Licence (if applicable)

Encl: As above

Yours faithfully,

**Signature of the tenderer**

