Kolkata Port Trust

Office of The Senior Executive Engineer (River Training)
Engineering Department
51, Circular Garden Reach Road, Kolkata: 43.
Phone No: 2439 5778

Tender Notice No.: RT/TN/27 Dated: 29.01.2016

Sealed tenders are invited from experienced and bonafide contractors of KoPT for the following work.

Name of Work: Tender for "Estimate for "Petty Miscellaneous repairs works including plumbing & Sanitary works at KoPT Campus at Sagar Island and Frazergunj in the district 24 Pgs (south) for the period of one year.

Estimated Amount: Rs. 4,17,806.10
Time of Completion: Periodic.

Earnest Money: Rs. 8,356/-

Tender documents will be issued to only those contractors satisfying the following eligibility criterion as mentioned below: -

"Tenderer should have experience in completing similar works during last 7 years ending at the last day of the month previous to the one in which applications are invited which should be either of the following: -

01. (a) Three similar completed works each costing not less than the amount equal to 40% of the estimated value.

(b) Two similar completed works each costing not less than the amount equal to 50% of the estimated value.

(c) One similar completed works each costing not less than the amount equal to 80% of the estimated value.

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

(b) 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.

(c) 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 on Non-Judicial Stamp paper of Rs. 10.00 as per enclosed proforma in ANNEXURE-"B" to that effect.

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(d) In case they are not covered under ESI Act, they must additionally indemnify KoPT against all damages and accident occurring to his labour in non-judicial stamp-paper worth Rs. 50.00 in the enclosed format ANNEXURE-"A".

Tenderers are required to furnish relevant documentary evidence in the above regard. In case of any non-conformity to the same, the concerned tenders would be liable to be rejected".

3 (a) 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 rules framed there under.

(b) 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.

Tender documents can be obtained from the office of the undersigned during office hours on any working day and up to 12-noon on 17.02..2016 on payment of Rs. 300/= only per set (non-refundable) on production of valid Permanent Account No., VAT Registration Certificates /valid Labour License No. / ESI Act Registration, if necessary.

The tenders must be submitted by 3 P.M. on 18.02.2016 and 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.

Senior Executive Engineer
(River Training)

KOLKATA PORT TRUST

RIVER TRAINING WING

Office of the Dy. Chief Engineer (RT).

No. RT/TN/27 Dated, the 29.01.2016

Messrs/Sri……
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E.E.O. No. RT/ES/M/37 dt 19.08.2015
E.E.O. No. H/RT/32 dt 08.02.2015

Dear Sir(s),

Re: - Tender for "Estimate for "Petty Miscellaneous repairs works including plumbing & Sanitary works at Kopf Campus at Sagar Island and Frazergunj in the district 24 Pgs (south) for the period of one year.

You are invited to tender for the above in accordance with the Trustees' General Conditions of Contract, Special Conditions of the Contract and Specification for materials & workmanship for this particular contract, drawing and preamble to the Bill of Quantities.

2. The Trustees' General Conditions of Contract for the said tender (rest of the documents like Special Conditions of Contract, Technical Specifications, Bill of Quantities etc. are attached herewith) may be inspected at this office during office hours.

3. The tenderers, who are tendering beyond their financial limit as per their class of enlistment with KoPT, as per Rules, are requested to deposit with KoPT's Financial Advisor & Chief Accounts Officer a sum of Rs. 8,356/- as Earnest Money before submission of the tender. The original receipt must be attached with the tender without which the tender may be disqualified. This amount will be refunded to the unsuccessful tenderers without any interest. In case of being successful tenderer, this amount will be adjusted against the Security Deposit as per the relevant clause of the G.C.C.

4. In case of the tenderer who has already deposited a permanent security with the KoPT as per the rules, he shall be bound by the Clauses of General Conditions of Contract pertaining to Earnest Money and Security Deposits for Registered Contractors.

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5. The rates quoted by the Contractor must be valid upto 120 days from the date of opening of the tender.

6. 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.

7. While quoting the rate it should be noted that the tenderer should on no account overwrite the figures. Any necessary correction 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 rejected.

8. 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/substracting (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.

9. The tender duly filled in, totalled and signed shall be submitted in sealed cover superscribed the above name of work so as to reach this office within 3 P.M. on 18.02.2016 at 51, Circular Garden Reach Road, Kolkata-43. The tender will be opened shortly after 3P.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, bundhs, 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.

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

10 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

11 The Average Annual Financial turn over of the intending Tenderer during the last 03 (three) years ending 31ST March of the previous financial Year should be at least 30% of the estimated amount put to tender.

12 All intending Tenderers shall furnish the details of P.F. Registration filing which their tender would be liable to be cancelled Certified copy of P.F. Registration is to be submitted along with the tender

Yours faithfully,

Enclo: - All papers as stated above.

Senior Executive Engineer,
River Training

KOLKATA PORT TRUST
RIVER TRAINING WING

Tender for "Estimate for "Petty Miscellaneous repairs works including plumbing & Sanitary works at KoPT Campus at Sagar Island and Frazergunj in the district 24 Pgs (south) for the period of one year.

SPECIAL CONDITION

1. Contractors eligibility for participation in the tender:

(A) "Tenderer should have experience in completing similar works during last 7 years ending at the last day of the month previous to the one in which applications are invited which should be either of the following: -

(a) Three similar completed works each costing not less than the amount equal to 40% of the estimated value.

(b) Two similar completed works each costing not less than the amount equal to 50% of the estimated value.

(c) One similar completed works each costing not less than the amount equal to 80% of the estimated value.

(B) Registration under Employees Stated Insurance Corporation Act.

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

(b) 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.

(c) 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 on Non-Judicial Stamp paper of Rs. 10.00 as per enclosed proforma in ANNEXURE-"B" **to that effect**.

(d) In case they are not covered under ESI Act, they must additionally indemnify KoPT against all damages and accident occurring to his labour in non-judicial stamp-paper worth Rs. 50.00 in the enclosed format ANNEXURE "A".

Tenderers are required to furnish relevant documentary evidence in the above regard during submission of his tender. In case of any non-conformity to the same, the concerned tenders would be liable to be rejected".

(C) (a) 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 rules framed there under.

(b) 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.

2. **Scope of work**

The work mainly comprises of petty miscellaneous repairing works including plumbing & sanitary woks at KoPT Campus at Frazerganj Syledis Station & Sagar Island as required time to time and contained in the Bill Of Quantities and as directed by the Engineer-in-Charge.

3. Location of work.
The work site is located at Frazerganj Syledis Station and Sagar Island KoPT Campus under the Dist. of 24 Parganas (South).

4. (a) Materials and Testing.

The Tenderer shall make his own arrangement for supplying all materials at site. Materials supplied by the Contractor shall essentially conform the relevant Indian Standards. Testing of any materials including cement (if required) have to be carried out at the laboratory 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 Bill of Quantities but to be done as per the codes and specification.

(b) Tenderer's' responsibility for material & workmanship.

The tenderer shall arrange for control of quality of materials and workmanship through running supervision by sufficiently experienced/qualified supervisors engaged by him. The Contractor shall not be relieved from the responsibility for quality and workmanship of any executed work even if it is supervised by KoPT personnel during execution. All executed works are subjected for testing, if considered necessary by the Engineer-in-Charge.

5. Cement.

The tenderer shall procure the cement from approved Dealers/Stockists and the same shall be to ACC, Altratech, Lafarge or equivalent approved brand. The Contractor must produce appropriate documents/vouchers in support of the quantity as also of quality of the cement procured.

6. Water/Lighting arrangement.

Water supply for drinking and construction purpose and electrical connection for construction purpose may be available from the Trustees' source at near the site. The tenderer shall have to make his own arrangement and at his cost to draw water/electricity from the available source up to the work point. In case of non-availability of such supply, the Contractor will have to make his own arrangement for such supply at no extra cost to the Trustees,

7. Temporary works for storage of materials and labourers' shed.

The tenderer shall make his own arrangement for constructing temporary shed for labourers and storage of materials at his own cost taking proper care of guarding the environmental pollution as approved by the Engineer.

8. Protection of existing service.

The work site is within the campus of an existing Office-cum-Residential complex. The existing work facilities and service shall be duly protected by the contractor. Any damage to the existing structure or service done in the process of new construction shall be made good at the cost of the contractor immediately on intimation from the Engineer-in-Charge.

9. Clearing site after completion.

On completion of works the Contractor shall remove all the debris and surplus unserviceable materials from the site and reinstate the original condition at his own expense. Any serviceable surplus dismantled materials shall be stacked at the Light House Compound in a suitable place as directed by the Engineer's representative.

10. Method of measurement and payment.

The tenderer shall be paid on actual measurement of the finished work on the basis of quoted rates in the priced Bill of Quantities. It is to be clearly understood that this is not a lump sum tender.
All payments including on-account payments shall be arranged as and when required at the discretion of the Engineer and as provided for in Clause No. 6 of the General Conditions of Contract.

11. Escalation of price.

No escalation on prices of labour, material and P.O.L. will be allowed for the work.

12. Time of completion.

The work is of periodical in nature and the same is extendable at the discretion of Engineer-in-Charge at the accepted rate of the successful tenderer, up to a suitable period upon mutual consent.

13. Working period.

Normally the work will be carried out between 8 A.M. to 5 P.M. on the Trustees' working day only. In case of any deviation from this the Contractor shall have to take prior permission from the Engineer-in-Charge.

14. Discrepancies in contract documents.

In case of any discrepancies in the tender, the relevant Clause of General Conditions of Contract shall apply and the decision of the Engineer-in-Charge is final and binding on the tenderer regarding interpretation of any Clauses.

15. Employment of Local Resources.

The tenderer shall pay special attention to engage the maximum possible number of Engineers, other technical personnel, other workers and labourers from amongst the local people.

16. Labour Regulation & Abolition Act.

The tenderer shall be required to comply with the Minimum Wages Act 1948, Employees Liability Act 1938, Industrial Act 1947 and the Contract Labour (Regulation & Abolition) Act 1970 or Statutory amendment and the modification thereof or any other laws relating thereto and the rules made there under from time to time. . All payments to the workmen covered under M. W. Act, to be paid in presence of Official representative of KoPT.

It will be the duty of the tenderer abide by the provisions of the Acts, Ordinances, Rules, Byelaws, Procedures as are lawfully necessary in the execution of the works. The tenderer will be fully responsible for any delay, damage etc. and shall keep the Trustees' Engineer Indemnified against all penalties and liabilities of any kind for non-compliance or infringement of any such Acts, Ordinances, Rules, Regulations, Bye-laws and Procedures.

The tenderer shall indemnify the Trustees against payment to be made under or for the observance of the laws aforesaid without prejudice to his right to claim indemnity from his business associates.

17. Specifications/Codes & Standards.

All works under the 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 replacement of the Indian Standard Specifications (I.S.) or any other International Code of Practice/CPWD Specification will be followed. The tenderer shall have to procure copies of such Codes/Standards for ready reference of his own Technical personnel as well as the Trustees' Engineer at site at his own cost and without any additional reimbursement.

18. Plants & Equipment.

All constructional plants and equipment 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' rate. Intending tenderer should note that resulting delay due to late deployment as well as deployment of improper/and in adequate plants and equipments in the work will not be considered while considering the extension of time of the tenderer.

19. (a) Bidder shall not use white ink for correction at any place of the tender paper.

(b) Non-conformation to the instruction at point No. (a) shall be treated as non-responsive and hence, may disqualify the Tenderer

20 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

21 The Average Annual Financial turn over of the intending Tenderer during the last 03 (three) years ending 31ST March of the previous financial Year should be at least 30% of the estimated amount put to tender.

22 All intending Tenderers shall furnish the details of P.F. Registration filing which their tender would be liable to be cancelled Certified copy of P.F. Registration is to be submitted along with the tender

कोलकाता पत्तन न्यास

KOLKATA PORT TRUST

सिविल इंजीनियरिंग विभाग/ Civil Engineering Department

वरिष्ठ कार्यकारी अभियंता, आर. टी का कार्यालय/

Office of the Senior Executive Engineer, (R.T.)

51 ,सि. जी. आर. रोड , कोलकाता -700043

Bill of Quantities
For

Name of work:: Estimate for "Petty Miscellaneous repairs works including plumbing & Sanitary works at KoPT Campus at Sagar Island and Frazergunj in the district 24 Pgs (south) for the period of one year.

KoPT Campus at Sagar Island

(PART-A – BUILDINGS)

Sl. No.	Description of Works	Quantity	Rate Rs. P	Unit	Amount Rs. P.
1.	Dismantling all types of masonry excepting cement concrete, plain or reinforced, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m. in ground floor including roof.	1.00 Cum.	586.30 [Rs. Five hundred eighty six & paise thirty only]	Cum.	586.30
2.	Dismantling all types of plain cement concrete works, stacking serviceable materials at site and removing rubbish as directed with in a lead of 75 m. in ground floor including roof up to 150 mm. thick concrete.	1.00 Cum	1233.70 [Rs. One thousand two hundred thirty three & paise seventy only]	Cum.	1233.70
3.	Stripping off worn out plaster and racking out joints of walls, ceiling etc. upto any height and any floor including removing rubbish within a lead at 75m as directed.	30.00 Sqm	24.70 [Rs. Twenty four & paise seventy only]	Sq m.	741.00
4.	Earthwork in excavation in foundation trenches or drains in all sorts of soils (including mixed soil but excluding laterite or sand stone) including removing, spreading or stacking the spoils within a lead of 75m. as directed . the item including necessary trimming of sides of trenches leveling , dressing and ramming the bottom, bailing out water etc. as required complete. Depth of excavation not exceeding 1.5 m.	5.00 Cum.	12047.00 [Rs. Twelve thousand forty seven only]	%Cum.	602.35
5.	Earth work in filling in foundation trenches or				

	plinth with good earth, in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete. (Payment to be made on the basis of measurement of finished quantity of work)			
	a) With earth obtained from excavation of foundation.	2.00 Cum	7831.00 % Cum [Rs. Seven thousand eight hundred thirty one only]	156.62
6.	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand material and labour complete.	3.00 Sqm	490.10 Sqm [Rs. Four hundred ninety & paise ten only]	1470.30
7.	Cement concrete with graded jhama khoa (30mm size) excluding shuttering in ground floor and foundation with proportion (6:3:1) material and labour complete.	0.50 Cum	7543.90 Cum [Rs. Seven thousand five hundred forty three & paise ninety only]	3771.95
8.	Brickwork with 1st. class bricks in cement sand mortar (6:1) material and labour complete.			
	(a) In foundation plinth.	0.50 cum	7434.70 Cum [Rs. Seven thousand four hundred thirty four & paise seventy only]	3717.35
	(b) In superstructure G.F.	0.50 Cum	7725.90 Cum [Rs. Seven thousand seven hundred twenty five & ninety paise only]	3862.95
9.	125 mm. thick brickwork with 1st class bricks in cement sand mortar (4:1) in ground floor material and labour complete.	1.00 Sqm.	1017.90 Sqm. [Rs. One thousand seventeen & paise ninety only]	1017.90
10.	Dismantling artificial stone flooring up to 50 mm thick by carefully chiseling without damaging the base and removing rubbish as directed within a lead of 75 m in ground floor including roof.	5.00 Sqm	65.00 Sqm [Rs. Sixty five only]	325.00

11.	Artificial stone 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 raking out joints or roughening of concrete surface and application of cement slurry before flooring works, using cement @ 1.75 kg/Sqm, all complete including all materials and labour. In ground floor, 3 mm thick topping (High polishing grinding on this item is not permitted) with grey cement, 25 mm thick material and labour all complete.	5.00 Sqm	393.90 Sqm [Rs. Three hundred ninety three & paise ninety only]	1969.50
12.	Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame excluding cost of concrete, Iron Butt Hinges and M.S clamps. (The quantum should be corrected upto three decimals). (i) Sal: Malayasin	0.05 Cum	124667.40 Cum [Rs. One lakh twenty four thousand six hundred sixty seven & paise forty only]	6,233.37
13.	Supplying, fitting and fixing M.S. clamps 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) (a) 40mm X 6mm x 125mm Length	10 Nos.	28.60 Each [Rs. Twenty eight & paise sixty only]	286.00
14.	Iron butt hinges of approved quality supply fitted & fixed with steel screws with IS mark.			
	(i) 50 mm. x 37mm x 1.50 mm.	5 Nos.	23.40 Each [Rs. Twenty three & paise forty only]	117.00
	(ii) 75 mm x 40mm. x 1.12 mm.	10 Nos.	40.30 Each [Rs. Forty and paise thirty only]	403.00
	(iii) 100mm. x 50mm. x 1.25 mm	10 Nos.	62.40 Each [Rs. Sixty two & paise forty only]	624.00
15.	Anodized aluminum barrel/tower/socket bolt (full covered) of approved manufactured from extruded section conforming to IS: 204/74 supplied fitted and fixed with cadmium plated screws.			
	(a) 150mm. long x 10mm. dia bolt.	5 Nos.	94.90 Each [Rs. Ninety four & paise ninety only]	474.50
	(a) 225mm long x 10mm. dia bolt.	5 Nos.	127.40 Each [Rs. One hundred twenty seven & paise forty only]	637.00
16.	Anodized aluminum Aldrop / sliding bolts of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 2681/66) fitted and fixed complete. 250 mm x 16 mm dia bolt.	1 Nos.	351.00 Each [Rs. Three hundred fifty one only]	351.00

17.	Anodized alluminium D-type handle of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 230 / 72) supply fitted and fixed complete. (a) With continuous plate base (hexagonal / round rod)			
	(i) 125 mm. grip x 12 mm. dia rod.	2 Nos.	153.40 Each [Rs. One hundred fifty three & paise forty only]	306.80
18.	Taking out door & window shutters and rehanging the same with old fittings and with new iron screws.	3.00 Sqm	101.40 Sqm. [Rs. One hundred one & paise forty only]	304.20
19.	Easing doors and windows.	20.00 Nos.	22.10 Each [Rs. Twenty two & paise ten only]	442.00
20.	Styles and rails of wooden shutters supplied fitted and fixed complete. (Payment to be made on area of new work only). In Ground Floor: (i) 35mm Thick shutter (a) Sishu, Gamar, Champ, Badam, Bhola, Mogra, Hallak.	0.50 Sqm	3339.70 Sqm [Rs. Three thousand three hundred thirty nine & paise seventy only]	1669.85
21.	Supply, fit and fix Panel (made of single plank) of door and window shutter to design as directed. In ground 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 at 30cm to 45 cm width with Champ, Gamar, Bhola, Mogra Hollock, Sishu, and Badam.	0.50 Sqm	1661.40 Sqm. [Rs. One thousand six hundred sixty one and paise forty only]	830.70
22.	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface, including throating, nosing and drip course scaffolding/staging where necessary. Ground Floor (excluding cost of chipping over concrete surface) material and labour complete.			
	(a) With 6:1 Cement sand mortar			
	(i) 20mm. thick plaster	20.00 Sqm	235.30 Sqm [Rs. Two hundred thirty five & paise thirty only]	4706.00
	(ii) 15 mm. thick plaster.	15.00 Sqm	202.80 Sqm [Rs. Two hundred two & paise eighty only]	3042.00
	(b) With 4:1 cement plaster.			
	(i) 10 mm thick plaster	5.00 Sqm	182.00 Sqm [Rs. One hundred eighty two only]	910.00
23.	Neat cement punning average 1.5 mm thick in walls dado, window sill floor drains etc. (cement 0.152 cum per 100 Sqm) material and labour complete.	5.00 Sqm	49.40 Sqm. [Rs. Forty nine & paise forty only]	247.00

24.	Provide and apply White washing including cleaning and smoothening surface thoroughly to all floors. Two coats.	50.00 Sqm	2453.10 %Sqm [Rs. Two thousand four hundred fifty three & paise ten only]	1226.55
25.	(a) Providing and Priming one coat on timber, plaster surface with synthetic oil bound primer of approved quality including smoothening surface by sand papering etc.	20.00 Sqm	53.30 Sqm [Rs. Fifty three & paise thirty only]	1066.00
	(b) Provide and apply Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	10.00 Sqm	40.30 Sqm [Rs. Forty & paise thirty only]	403.00
26.	Painting two coats (with any shade except white) on timber or plastered surface with super gloss (Hi-gloss) of best quality synthetic enamel paint of approved make & brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface if necessary.	20.00 Sqm	115.70 Sqm [Rs. One hundred fifteen & paise seventy only]	2,314.00
27.	Two coats painting with any shade except white on steel or other metal surface with super gloss (hi-gloss) of best quality synthetic enamel paint of approved make & brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface if necessary.	10.00 Sqm	111.80 Sqm [Rs. One hundred eleven & paise eighty only]	1118.00
28.	Supplying best Indian sheet glass panes set in putty and fitted and fixed with nails and putty complete. (In all floors for internal wall & upto 6 m height for external wall) (i) 3 mm thick (weighing 7.4 kg/Sq.m).	2.00 Sqm	707.20 Sqm [Rs. Seven hundred seven & paise twenty only]	1414.40
29.	Renewing worn out putty of glass panes not exceeding 0.2 Sqm.	10 Nos.	45.50 Each [Rs. Forty five & paise fifty only]	455.00
30.	Taking out rain water down pipes, removing chokages and refixing the same in position including mending good damages (of taking out and refixing).	10.00 Mtr.	15.60 Mtr. [Rs. Fifteen & paise sixty only]	156.00
31.	Cleaning compound premises of shrubs plants jungles etc. by cutting and removing as directed.	500.00 Sqm	14.30 Sqm [Rs. Fourteen & paise thirty only]	7150.00
32.	Providing 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. In ground floor. - Two coats.	50.00 Sqm	68.90 Sqm [Rs. Sixty eight & paise ninety only]	3445.00
33.	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. lift upto 6 mtr.	50 Nos.	66.30 Each [Rs. Sixty six & paise thirty only]	3315.00
34.	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 outlets, cutting as and where necessary and refilling with sand and Cement mortar (4:1) or Cement Concrete (1:2:4) 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 labours and incidental charges but excluding the cost of Cement Mortar or concrete required for levelling and grading. (In sloped roof Course sand of approved varieties is to be used in place of Pea size gravels as fourth and final course.) i) 1st and 3rd Course with bonding materials of hot applied industrial blown type bitumen of grade 85/25 or 90/15 conforming to I.S.702 - 1988 @ 12Kg/10Sqm on each layer. ii) 2nd course with Hessian base self finished bitumen type-3 Gr.-I conforming to I.S. 1322-1993 (weighing 23kg/10Sqm gross with bitumen content 12.10kg/10Sqm) tested under the provision of I.S. 13826 - 1993 part VII. iii) 4th course with washed and clean pea sized gravel or grit @ 0.006 cum/Sqm.			
	A. Over Flat Roof.	15.00 Sqm	477.10 Sqm [Rs. Four hundred seventy seven & paise ten only]	7156.50
35.	Taking out old damaged tarfelt from the roof, parapet etc. preparing the roof surfaces by removing all spoils, blisters, moss etc. from the working site and disposal of the same beyond the compound and cleaning the site in all respect as per direction of Engineer-in- Charge. All floors.	15.00 Sqm	16.90 Sqm [Rs. Sixteen & paise ninety only]	253.50
36.	Ordinary cement concrete (Mix 1:2:4) with graded stone chips (6 mm nominal size) excluding shuttering and reinforcement, if any in ground floor as per relevant IS codes. Pakur variety.	0.50 Cum	8206.90 Cum [Rs. Eight thousand two hundred six & paise ninety only]	4,103.45
			PART-A TOTAL:	**Rs. 74,615.74**

	[PART-B]PLUMBING & SANAITARY WORKS]				
1.	Supplying , fitting and fixing G.I pipes of TATA make with all necessary accessories , specials viz. socket, bend ,tee, union, cross, elbow, nipple, long screw, reducing socket, reducing tee, short piece etc. fitted with holder bat clamps, including cutting pipes, making threads, fitting ,fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint in any position above ground.(payment will be made on center line measurements of total pipe line including all specials. No separate payment will be made for accessories, specials) Payment for painting will be separately. For Exposed work.				
	(a) 15 mm dia medium quality.	10.00 Mtr.	286.00 Mtr. [Rs. Two hundred eighty six only]		2860.00
	(b) 20 mm dia medium quality	10.00 Mtr.	338.00 Mtr. [Rs. Three hundred thirty eight only]		3380.00
	© 25 mm dia medium quality	5.00 Mtr.	460.20 Mtr. [Rs. Four hundred sixty & paise twenty only]		2301.00
2.	Supplying, fitting & fixing polythene overhead 15mm x 125mm. shower of approved make.	2 Nos.	230.10 Each [Rs. Two hundred Thirty & paise Ten only]		460.20
3.	Supplying fittings & fixing C.P. bib cock/ short body (Equivalent to code o.511 & model – Troprical/sumthing special of Essco or similar brand.	5 Nos.	895.70 Each [Rs. Eight hundred ninety five & paise seventy only]		4478.50
4.	Supplying, fitting and fixing gunmetal wheel valve of approved brand and make tested to 21 kg per sq. cm. (for water lines only).				
	(i) 20 mm dia.	2 Nos.	959.40 Ea. [Rs. Nine hundred fifty nine and paise forty only]		1918.80
	(ii) 25 mm dia	2 Nos.	1251.90 Ea. [Rs. One thousand two hundred fifty one & paise ninety only]		2503.80
5.	Renewing PVC clip with necessary screws for 15 mm dia pipe.	10 Nos.	13.00 Each [Rs. Thirteen only]		130.00
6.	Renewing C.I. clamp for pipe including cutting hole in wall etc. and mending good all damages with cement concrete (4:2:1) with jhama chips and cement plaster (6:1) to match with and curing.				
	(a) For 20mm. pipe.	10 Nos.	42.90 Each [Rs. Forty two & paise ninety only]		429.00
	(b) For 25 mm pipe.	10 Nos.	46.80 Each [Rs. Forty six & paise		468.00

			eighty only]	
	© For 32 mm. pipe.	5 Nos.	67.60 Each [Rs. Sixty seven & paise sixty only]	338.00
	(d) For 50 mm pipe.	5 Nos.	87.10 Each [Rs. Eighty seven & paise ten only]	435.50
7.	Renewing brass spindle and valve of 15 mm of stop cock/bib cock/pillar cock/push cock.	5 Nos.	109.20 Each [Rs. One hundred nine & paise twenty only]	546.00
8.	Supplying, fitting and fixing white vitreous china best quality approved make wash basin with C.I. brackets on 75 mm X 75 mm wooden blocks, C.P. waste fittings of 32 mm dia., one approved quality brass C.P. pillar cock of 15 mm dia., C.P. chain with rubber plug of 30 mm dia., approved quality P.V.C. waste pipe with C.P. nut 32 mm dia., 900 mm long approved quality P.V.C. connection pipe with heavy brass C.P. nut including mending good all damages and painting the brackets with two coats of approved paint. 550 mm X 400 mm size	2No.	3255.20 Each [Rs. Three thousand two hundred fifty five & paise twenty only]	6510.40
9.	Supplying, fitting & fixing approved brand 300 mm. long PVC connector white flexible with both end coupling with heavy brass CP nut 15 mm dia.	5 Nos.	87.10 Each [Rs. Eighty seven & paise ten only]	435.50
10.	Supplying, fitting and fixing pillar cock of approved make. (i) CP Pillar Cock - 15 mm. (Equivalent to Code No. 507 & Model - Tropical / Sumthing Special of ESSCO or similar brand).	2 No.	926.90 Each [Rs. Nine hundred twenty six & paise ninety only]	1853.80
11.	Dismantling & refixing wash basin with or without waste fittings with brackets.	2 Nos.	45.50 Each [Rs. Forty five & paise fifty only]	91.00
12.	Supplying, fitting & fixing Cast iron soil pipe only conforming to I.S. 3989 / 1970 and I.S. 1729/1964 with bobbins, nails etc. including making holes in the wall, floor etc. and cutting trenches etc. in any floor through masonry Concrete, if necessary and mending good damages with necessary jointing materials and painting two coats to the exposed surface with approved paint complete. (Measurement will be made along the center line of the total pipe line in fitted condition including specials, payment for specials & Painting will however be paid separately).	5.00 Mtr.	1115.40 Mtr. [Rs. One thousand one hundred fifteen and paise forty only]	5577.00
	(a) With lead caulked joints.			
	(i) 100 mm dia. (internal)			
13.	450 mm long shallow water closer Indian Pattern (IPWC) of approved make in white vitreous china ware of approved make supplied, fitted & fixed in position (excluding cost of concrete for fixing).	1 Nos.	1380.60 Each [Rs. One thousand three hundred eighty & paise sixty only]	1380.60

14.	Supplying, fitting & fixing 10 Ltrs. PVC low down cistern conforming to IS: specification with PVC fittings complete, C.I. brackets including two coats of painting to bracket etc.	2 Nos.	1535.30 Each [Rs. One thousand five hundred thirty five & paise thirty only]	3070.60
15.	Supplying, fitting & fixing C.P. over brass towel rail with two brackets (25 mm dia and 600 mm. long).	2 Nos.	720.20 Each [Rs. Seven hundred twenty & paise twenty only]	1440.40
16.	Dismantling Indian WC including taking out base concrete as necessary.	2 Nos.	58.50 Each [Rs. Fifty eight & paise fifty only]	117.00
17.	Cleaning silting of inspection pit, dismantling & refixing the cover.	5 Nos.	201.50 Each [Rs. Two hundred one & paise fifty only]	1007.50
18.	Cleaning and disinfecting upto 2000 litre Water Tank including masonry reservoir.	20.00 Cum	115.70 Cum [Rs. One hundred fifteen & paise seventy only]	2314.00
19.	Supplying, fitting and fixing glass shelf with aluminum guard rails			
	(a) Ordinary type with 5.5 mm sheet glass. (i) 600 mm x 125 mm	2 Nos.	630.50 Ea. [Rs. Six hundred thirty & paise fifty only]	1261.00
20.	Supplying fitting and fixing beveled edged mirror 5.5 mm thick silver red as per I.S. 3438 / 1965 together with brass C.P. hinges.			
	(i) 600 mm x 450 mm.	2 Nos.	804.70 Each [Rs. Eight hundred four & paise seventy only]	1609.40
21.	Removing sludge from septic tank, soak well etc. by methor labour including disposal of the same outside the compound as directed. Upto 50 users:-			
	(i) Beyond a lead of 150 Mtr. And outside the Municipal limit.	2.00 No.	4336.80 Each. [Rs. Four thousand three hundred thirty six & paise eighty only]	8673.60
22.	Supplying fitting and fixing chromium plat ed stop cock (Equivalent to code No.-513 (A) & 513 (B) & Model Tropical/sumthing special of ESSCOR similar brand).	2 Nos.	817.70 Ea. [Rs. Eight hundred seventeen & paise seventy only]	1635.40
23.	Supplying, fitting and fixing shower of approved brand and make.			
	Chromium plated round shower with revolving joint (Equivalent to Code No. 541(N) & Model - Tropical / Sumthing Special of ESSCO or similar brand).	2 Nos.	594.10 Ea. [Rs. Five hundred ninety four & paise ten only]	1188.20
24.	Supplying, fitting and fixing shower of approved brand and make.			
	Chromium plated shower arm 240 mm long (Equivalent to Code No.536 (A) & Model - Tropical / Sumthing Special of ESSCO or similar brand).	2 Nos.	508.30 Ea. [Rs. Five hundred eight & paise thirty only]	1016.60

25.	Supplying, fitting and fixing E.W.C. with p-trap in white glazed vitreous chinaware of approved make complete in position with necessary bolts, nuts etc.	2 Nos	2308.80 Ea. [Rs. Two thousand three hundred eight & paise eighty only]	4617.60
26.	Taking out 100mm dia pipes of existing tube well upto 20 metre below G.L.- 100mm dia. Including strainer etc. complete.	40.00 Mtr.	105.30 Mtr. [Rs. One hundred five & paise thirty only]	4212.00
27.	Taking out 100mm dia pipes of existing tube well beyond 20 metre below G.L. Including strainer etc. complete.	20.00 Mtr.	127.40 Mtr. [One hundred twenty seven & paise forty only]	2548.00
28.	Repairing chocked up tube well by cleaning and washing with chemical, above 50mm to 100mm dia tube well upto 100 mtr. deep.	2 Set	6125.60 Set. [Rs. Six thousand one hundred twenty five & paise sixty only]	12,251.20
			PART-B TOTAL:	**Rs. 83,059.60**

[PART-C] [Bank Protection Work]

Sl. No.	Description of Works	Quantity	Rate Rs. P	Unit	Amount Rs. P.
1.	Supplying Eucalyptus-bullah piles at work site, including dressing and making one end pointed. Diameter of pile to be measured at a distance of 1.5m from the thicker end.				
	(i) 100mm diameter.	500 Mtr.	96.00 [Rs. Ninety six only]	Mtr.	48,000.00
2.	Labour for driving Sal-bullah / Eucalyptus bullah piles by monkey in sorts of soil including hoisting and placing piles in position, protecting the pile head with iron ring and cutting and shaping heads before and after driving and including hire and labour for necessary driving appliances and all tackles. (Payment to be made on the length driven into the ground, diameter of the measured at 1.50m. from the thicker end.)				
	(i) 100 mm diameter.	300.00 mtr.	86.74 [Rs. Eighty six & paise seventy four only]	Mtr.	26,022.00
3.	Walling or roofing fitted and fixed complete with cut drum sheets including the cost of drums, cost of cutting drums and flattening the sheets and cost of necessary nails and screws.	50.00 Sqm	478.19 [Rs. Four hundred seventy eight & paise nineteen only]	Sqm	23,909.50
4.	Supplying, delivery and stacking silver sand filled bags as per direction of the Engineer or his representative at site all complete.- In polythene bags.	2000 Bags	24.05 [Rs. Twenty four & paise five only]	bags	48,100.00
5.	Removing loading and Cary the sad filled bags as in item No.4 from the stack and dumping the same on the alignment of spurs spur holes, bank / embankment protection etc. including dressing in proper alignment, level and slope as dir ected all complete y head load. [Spl. Rate sanctioned by CE vide CE's regr. No. 48/C.Cell dt. 15.12.09 + 4.5% tidal surcharge]	2000 Bags	4.96 [Rs. Four & paise ninety six only]	bags	9,920.00
			PART-C TOTAL:		**Rs. 1,55,951.50**

KoPT Campus at Frazergunj
(PART-A –BUILDING)

Sl. No.	Description of Works	Quantity	Rate Rs. P	Unit	Amount Rs. P.
1.	Dismantling all types of masonry excepting cement concrete, plain or reinforced, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m. in ground floor including roof.	1.00 Cum.	518.65 [Rs. Five hundred eighteen & paise sixty five only]	Cum.	518.65
2.	Dismantling all types of plain cement concrete works, stacking serviceable materials at site and removing rubbish as directed with in a lead of 75 m. in ground floor including roof up to 150 mm. thick concrete.	1.00 Cum	1091.35 [Rs. One thousand ninety one & paise thirty five only]	Cum.	1091.35
3.	Stripping off worn out plaster and racking out joints of walls, ceiling etc. upto any height and any floor including removing rubbish within a lead at 75m as directed.	20.00 Sqm	21.85 [Rs. Twenty one & paise eighty five only]	Sq m.	437.00
4.	Earthwork in excavation in foundation trenches or drains in all sorts of soils (including mixed soil but excluding laterite or sand stone) including removing, spreading or stacking the spoils within a lead of 75m. as directed . the item including necessary trimming of sides of trenches leveling , dressing and ramming the bottom, bailing out water etc. as required complete. Depth of excavation not exceeding 1.5 m.	5.00 Cum.	12047.00 [Rs. Twelve thousand forty seven only]	%Cum.	602.35
5.	Earth work in filling in foundation trenches or plinth with good earth, in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete. (Payment to be made on the basis of measurement of finished quantity of work)				
	a) With earth obtained from excavation of foundation.	2.00 Cum	7831.00 [Rs. Seven thousand eight hundred thirty one only]	% Cum	156.62
6.	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand material and labour all complete.	3.00 Sqm	433.55 [Rs. Four hundred thirty three & paise fifty five only]	Sqm	1300.65
7.	Cement concrete with graded jhama khoa (30mm size) excluding shuttering in ground floor and foundation with proportion (6:3:1) material and labour all complete.	0.50 Cum	6673.45 [Rs. Six thousand six hundred seventy three & paise forty five only]	Cum	3336.72
8.	Brickwork with 1st. class bricks in cement sand mortar (6:1) material and labour all complete.				
	(a) In foundation plinth.	0.50 cum	6576.85 [Rs. Six thousand five hundred seventy six & paise eighty five only]	Cum	3,288.42
	(b) In superstructure G.F.	0.25	6834.45	Cum	1708.61

		Cum	[Rs. Six thousand eight hundred thirty four & paise forty five only]	
9.	125 mm. thick brickwork with 1st class bricks in cement sand mortar (4:1) in ground floor material and labour all complete.	1.00 Sqm.	900.45 Sqm. [Rs. Nine hundred & paise forty five only]	900.45
10.	Dismantling artificial stone flooring up to 50 mm thick by carefully chiseling without damaging the base and removing rubbish as directed within a lead of 75 m in ground floor including roof.	5.00 Sqm	57.50 Sqm [Rs. Fifty seven & paise fifty only]	287.50
11.	Artificial stone 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 raking out joints or roughening of concrete surface and application of cement slurry before flooring works, using cement @ 1.75 kg/Sqm, all complete including all materials and labour. In ground floor, 3 mm thick topping (High polishing grinding on this item is not permitted) with grey cement, 25 mm thick materials and labour all complete.	5.00 Sqm	348.45 Sqm [Rs. Three hundred forty eight & paise forty five only]	1742.25
12.	Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame excluding cost of concrete, Iron Butt Hinges and M.S clamps. (The quantum should be corrected upto three decimals). (i) Sal: Malayasin.	0.03 Cum	110282.70 Cum [Rs. One lakh ten thousand two hundred eighty two & paise seventy only]	3308.48
13.	Supplying, fitting and fixing M.S. clamps 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) (a) 40mm X 6mm x 125mm Length	5 Nos.	25.30 Each [Rs. Twenty five & paise thirty only]	126.50
14.	Iron butt hinges of approved quality Supplied fitted & fixed with steel screws with IS mark.			
	(i) 50 mm. x 37mm x 1.50 mm.	5 Nos.	20.70 Each [Rs. Twenty and paise seventy only]	103.50
	(ii) 75 mm x 40mm. x 1.12 mm.	5 Nos.	35.65 Each [Rs. Thirty five & paise sixty five only]	178.25
	(iii) 100mm. x 50mm. x 1.25 mm	5 Nos.	55.20 Each [Rs. Fifty five & paise twenty only]	276.00
15.	Supply anodized aluminum 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) 150mm. long x 10mm. dia bolt.	5 Nos.	83.95 Each [Rs. Eighty three & paise ninety five	419.75

			only]	
	(b) 225mm long x 10mm. dia bolt.	5 Nos.	112.70 Each [Rs. One hundred twelve & paise seventy only]	563.50
16.	Supply anodized aluminum Aldrop / sliding bolts of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 2681/66) fitted and fixed complete. 250 mm x 16 mm dia bolt.	1 Nos.	310.50 Each [Rs. Three hundred ten & paise fifty only]	310.50
17.	Anodized alluminium D-type handle of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 230 / 72) supply, fitted and fixed complete. (a) With continuous plate base (hexagonal / round rod)			
	(ii) 125 mm. grip x 12 mm. dia rod.	3 Nos.	135.70 Each [Rs. One hundred thirty five & paise seventy only]	407.10
18.	Supplying anodized aluminum catch hook with eye fitted & fixed to shutter and chowkat complete of best quality. (i) 150 mm long.	5 Nos.	48.30 Each [Rs. Forty eight & paise thirty only]	241.50
19.	Easing doors and windows.	10.00 Nos.	19.55 Each [Rs. Nineteen & paise fifty five only]	195.50
20.	Styles and rails of wooden shutters supplied fitted and fixed complete. (Payment to be made on area of new work only). In Ground Floor: (i) 35mm Thick shutter (a) Sishu, Gamar, Champ, Badam, Bhola, Mogra, Hallak.	0.50 Sqm	2954.35 Sqm [Rs. Two thousand nine hundred fifty four & paise thirty five only]	1477.18
21.	Supply fit and fix Panel (made of single plank) of door and window shutter to design as directed. In ground 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 at 30cm to 45 cm width with Bhola, Gammar, mogra, Champ, Hollock, Sishu, and Badam.	0.50 Sqm	1469.70 Sqm. [Rs. One thousand four hundred sixty nine & paise seventy only]	734.85
22.	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface, including throating, nosing and drip course scaffolding / staging where necessary. Ground Floor (excluding cost of chipping over concrete surface) materials and labour complete.			
	(a) With 6:1 Cement sand mortar			
	(i) 20mm. thick plaster	20.00 Sqm	208.15 Sqm [Rs. Two hundred eight & paise fifteen only]	4163.00
	(iii) 15 mm. thick plaster.	20.00 Sqm	179.40 Sqm [Rs. One hundred seventy nine & paise forty only]	3588.00

	(b) With 4:1 cement plaster.			
	(j) 10 mm thick plaster	10.00 Sqm	161.00 Sqm [Rs. One hundred sixty one only]	1610.00
23.	Neat cement punning average 1.5 mm thick in walls dado, window seal floor drains etc. (cement 0.152 cum per 100 Sqm) materials and labour complete.	5.00 Sqm	43.70 Sqm. [Rs. Forty three & paise seventy only]	218.50
24.	Provide and apply white washing including cleaning and smoothening surface thoroughly to all floors. Two coats.	100.00 Sqm	2170.05 %Sqm [Rs. Two thousand one hundred seventy & paise five only]	2170.50
25.	(a) Providing & Priming one coat on timber, plaster surface with synthetic oil bound primer of approved quality including smoothening surface by sand papering etc.	20.00 Sqm	47.15 Sqm [Rs. Forty seven & paise fifteen only]	943.00
	(b) Providing & Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	10.00 Sqm	35.65 Sqm [Rs. Thirty five & paise sixty five only]	356.50
26.	Providing & Painting two coats (with any shade except white) on timber or plastered surface with super gloss (Hi-gloss) of best quality synthetic enamel paint of approved make & brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface if necessary.	20.00 Sqm	102.35 Sqm [Rs. One hundred two & paise thirty five only]	2,047.00
27.	Provide and apply two coats painting with any shade except white on steel or other metal surface with super gloss (hi-gloss) of best quality synthetic enamel paint of approved make & brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface if necessary.	10.00 Sqm	98.90 Sqm [Rs. Ninety eight & paise ninety only]	989.00
28.	Supplying best Indian sheet glass panes set in putty and fitted and fixed with nails and putty complete. (In all floors for internal wall & upto 6 m height for external wall) (i) 3 mm thick (weighing 7.4 kg/Sq.m).	1.00 Sqm	625.60 Sqm [Rs. Six hundred twenty five & paise sixty only]	625.60
29.	Renewing worn out putty of glass panes not exceeding 0.2 Sqm.	10 Nos.	40.25 Each [Rs. Forty & paise twenty five only]	402.50
30.	Taking out rain water down pipes, removing chokages and refixing the same in position including mending good damages (of taking out and refixing).	25.00 Mtr.	13.80 Mtr. [Rs. Thirteen & paise eighty only]	345.00
31.	Cleaning compound premises of shrubs plants jungles etc. by cutting and removing as directed.	200.00 Sqm	12.65 Sqm [Rs. Twelve & paise sixty five only]	2530.00
32.	Providing 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. In ground floor. - Two coats.	50.00 Sqm	60.95 Sqm [Rs. Sixty & paise ninety five only]	3047.50
33.	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	20	58.65 Each	1173.00

	mm. lift upto 6 mtr.	Nos.	[Rs. Fifty eight & paise sixty five only]	
34.	Ordinary cement concrete (mix 1:2:4) with graded stone chips (6mm nominal size) excluding shuttering and reinforcement if any in ground floor as per relevant IS codes pakur variety.	0.50 Cum	7259.95 Cum [Rs. Seven thousand two hundred fifty nine & paise ninety five only]	3,629.98 ----------
			PART-A TOTAL:	**Rs. 51,551.81**
	[PART-B]PLUMBING & SANAITARY WORKS]			
1.	Supplying , fitting and fixing G.I pipes of TATA make with all necessary accessories , specials viz. socket, bend ,tee, union, cross, elbow, nipple, long screw, reducing socket, reducing tee, short piece etc. fitted with holder bat clamps, including cutting pipes, making threads, fitting ,fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint in any position above ground.(payment will be made on center line measurements of total pipe line including all specials. No separate payment will be made for accessories, specials) Payment for painting will be separately. For exposed work.			
	(a) 15 mm dia medium quality.	5.00 Mtr.	253.00 Mtr. [Rs. Two hundred fifty three only]	1265.00
	(b) 20 mm dia medium quality	5.00 Mtr.	299.00 Mtr. [Rs. Two hundred ninety nine only]	1495.00
	© 25 mm dia medium quality	5.00 Mtr.	407.10 Mtr. [Rs. Four hundred seven & paise ten only]	2035.50
2.	Supplying fittings & fixing C.P. bib cock/ short body (Equivalent to code 511 & model – Troprical/sumthing special of ESSCO similar brand.	5 Nos.	792.35 Each [Rs. Seven hundred ninety two & paise thirty five only]	3961.75
3.	Supplying, fitting and fixing gunmetal wheel valve of approved brand and make tested to 21 kg per sq. cm. (for water lines only).			
	(i) 20 mm dia.	2 Nos.	848.70 Ea. [Rs. Eight hundred forty eight & paise seventy only]	1697.40
	(ii) 25 mm dia	2 Nos.	1107.45 Ea. [Rs. One thousand one hundred seven and paise forty five only]	2214.90
4.	Renewing PVC clip with necessary screws for 15 mm dia pipe.	10 Nos.	11.50 Each [Rs. Eleven & paise fifty only]	115.00

5.	Renewing C.I. clamp for pipe including cutting hole in wall etc. and mending good all damages with cement concrete (4:2:1) with jhama chips and cement plaster (6:1) to match with and curing.			
	(a) For 20mm. pipe.	10 Nos.	37.95 Each [Rs. Thirty seven & paise ninety five only]	379.50
	(b) For 25 mm pipe.	10 Nos.	41.40 Each [Rs. Forty one & paise forty only]	414.00
	© For 32 mm. pipe.	5 Nos.	59.80 Each [Rs. Fifty nine & paise eighty only]	299.00
6.	Renewing brass spindle and valve of 15 mm stop cock/bib cock/pillar cock/Push cock.	5 Nos.	96.60 Each [Rs. Ninety six and paise sixty only]	483.00
7.	Supplying, fitting and fixing white vitreous china best quality approved make wash basin with C.I. brackets on 75 mm X 75 mm wooden blocks, C.P. waste fittings of 32 mm dia., one approved quality brass C.P. pillar cock of 15 mm dia., C.P. chain with rubber plug of 30 mm dia., approved quality P.V.C. waste pipe with C.P. nut 32 mm dia., 900 mm long approved quality P.V.C. connection pipe with heavy brass C.P. nut including mending good all damages and painting the brackets with two coats of approved paint. 550 mm X 400 mm size.	1 Nos.	2879.60 Each [Rs. Two thousand eight hundred seventy nine & paise sixty only]	2879.60
8.	Supplying, fitting & fixing approved brand 300 mm. long PVC connector white flexible with both end coupling with heavy brass CP nut 15 mm dia.	5 Nos.	77.05 Each [Rs. Seventy seven & paise five only]	385.25
9.	Supplying, fitting and fixing pillar cock of approved make. (i) CP Pillar Cock - 15 mm. (Equivalent to Code No. 507 & Model - Tropical / Something Special of ESSCO or similar brand).	2 No.	819.95 Each [Rs. Eight hundred nineteen & paise ninety five only]	1639.90
10.	Dismantling & refixing wash basin with or without waste fittings with brackets.	3 Nos.	40.25 Each [Rs. Forty & paise twenty five only]	120.75
11.	Supplying, fitting & fixing Cast iron soil pipe only conforming to I.S. 3989 / 1970 and I.S. 1729/1964 with bobbins, nails etc. including making holes in the wall, floor etc. and cutting trenches etc. in any floor through masonry Concrete, if necessary and mending good damages with necessary jointing materials and painting two coats to the exposed surface with approved paint complete. (Measurement will be made along the center line of the total pipe line in fitted condition including specials, payment for specials & Painting will however be paid separately).			
	(a) With lead caulked joints.			
	(i) 100 mm dia. (internal)	5.00 Mtr.	986.70 Mtr. [Rs. Nine hundred	4933.50

			eighty six & paise seventy only]	
12.	450 mm long shallow water closer Indian Pattern (IPWC) of approved make in white vitreous china ware of approved make supplied, fitted & fixed in position (excluding cost of concrete for fixing).	1 Nos.	1221.30 Each [Rs. One thousand two hundred twenty one & paise thirty only]	1221.30
13.	Supplying, fitting & fixing 10 Ltrs. PVC low down cistern conforming to IS: specification with PVC fittings complete, C.I. brackets including two coats of painting to bracket etc.	2 Nos.	1358.15 Each [Rs. One thousand three hundred fifty eight & paise fifteen only]	2716.30
14.	Supplying, fitting & fixing C.P. over brass towel rail with two brackets (25 mm dia and 600 mm. long).	3 Nos.	637.10 Each [Rs. Six hundred thirty seven & paise ten only]	1911.30
15.	Dismantling Indian WC including taking out base concrete as necessary.	1 Nos.	51.75 Each [Rs. Fifty one & paise seventy five only]	51.75
16.	Cleaning silting of inspection pit.	5 Nos.	178.25 Each [Rs. One hundred seventy eight & paise twenty five only]	891.25
17.	Cleaning and disinfecting upto 2000 litre Water Tank including masonry reservoir.	2.00 Nos.	180.55 Ea. [Rs. One hundred eighty & paise fifty five only]	361.10
18.	Supplying, fitting and fixing glass shelf with aluminum guard rails			
	(b) Ordinary type with 5.5 mm sheet glass. (i) 600 mm x 125 mm	2 Nos.	557.75 Ea. [Rs. Five hundred fifty seven & paise seventy five only]	1115.50
19.	Supplying fitting and fixing beveled edged mirror 5.5 mm thick silver red as per I.S. 3438 / 1965 together with brass C.P. hinges.			
	(ii) 600 mm x 450 mm.	2 Nos.	711.85 Each [Rs. Seven hundred eleven & paise eighty five only]	1423.70
20.	Removing sludge from septic tank, soak well etc. by methor labour including disposal of the same outside the compound as directed. Upto 50 users:-			
	(i) Beyond a lead of 150 Mtr. And outside the Municipal limit.	1.00 No.	3836.40 Each. [Rs. Three thousand eight hundred thirty six & paise forty only]	3836.40
21.	Supplying fitting and fixing chromium plat ed stop cock (Equivalent to code No.-513 (A) & 513 (B) & Model Tropical/something special of ESSCOR similar brand).	2 Nos.	723.35 Ea. [Rs. Seven hundred twenty three & paise thirty five only]	1446.70
22.	Supplying, fitting and fixing shower of approved brand and make.			
	Chromium plated round shower with revolving joint (Equivalent to Code No. 541(N) & Model - Tropical / Something Special of ESSCO or similar	2 Nos.	525.55 Ea. [Rs. Five hundred twenty five & paise	1051.10

	brand).		fifty five only]	
23.	Supplying, fitting and fixing shower of approved brand and make.			
	Chromium plated shower arm 240 mm long (Equivalent to Code No.536 (A) & Model - Tropical / Something Special of ESSCO or similar brand).	2 Nos.	449.65 Ea. [Rs. Four hundred forty nine & paise sixty five only]	899.30
24.	Supplying, fitting and fixing E.W.C. with p-trap in white glazed vitreous chinaware of approved make complete in position with necessary bolts, nuts etc.	1 Nos	2042.40 Ea. [Rs. Two thousand forty two & paise forty only]	2042.40
25.	Taking out 100mm dia pipes of existing tube well upto 20 metre below G.L. including strainer complete.	30.00 Mtr.	93.15 Mtr. [Rs. Ninety three & paise fifteen only]	2794.50
26.	Taking out 100mm dia pipes of existing tube well beyond 20 metre below G.L. including strainer complete.	10.00 Mtr.	112.70 Mtr. [Rs. One hundred twelve & paise seventy only]	1127.00
27.	Repairing chocked up tube well by cleaning and washing with chemical, above 50mm to 100mm dia tube well upto 100 mtr. deep.	1 Set	5418.80 Set. [Rs. Five thousand four hundred eighteen & paise eighty only]	5418.80
			PART-B TOTAL:	**Rs. 52,627.45**

Grand Total:

Sagar Campus: Rs. 3,13,626.84

Frazergunj Campus: Rs. 1,04,179.26

Rs. 4,17,806.10

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

1) .....% above par (+) Rs.
(Both in figures & words)

2) At par..... Rs.

3) .....% below (-)
(Both in figures & words) Rs.

Total amount in words Rupees.....

.....

Time of completion.....

Signature of the Contractor.....

Name and address of the Contractor.....

.....

.....

Permanent Income Tax A/c. No.....

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..... month/week 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.....

(Repeat in words) .....
.....

Continued to P-2

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 _____ Name of the
(In Block Letters) Tenderer : _____

Address: _____ _____

_____ Dated: _____

_____ Address: _____

Occupation: _____ _____

ANNEXURE-"A"

FORMAT

INDEMNITY BOND

BY THIS BOND I, Shri / Smt. ……., son of Shri / Smt…… residing at …… By occupation ……., the Partner / Proprietor / Director ……. having office at ……., am a tenderer under Civil Engineering Department, Kolkata Port Trust (A Statutory Body under MPT Act, 1963).

2. WHEREAS, the said Kolkata Port Trust had asked the every tenderer, who is not covered under ESI Act or exempted to furnish an Indemnity Bond in favour of Civil Engineering Department, Kolkata Port Trust against all damages and accidents to the Labourer Tenderer / Contractor.

3. NOW THIS BOND OF INDEMNITY WITNESSETH THAT the Tenderer / Contractor named herein above shall indemnify the Kolkata Port Trust against all damages and accidents occurring to the Labourers of the Tenderer / Contractor as demanded by the Kolkata Port Trust and which shall be legal and / or claimed by the Kolkata Port Trust during the execution of the work stated in the NIT No…….. dt……..

4. AND the Contractor hereunder agree to indemnify and at all times keep indemnified the Kolkata Port Trust and its administrator and representative and also all such possible claim or demand for damages and accidents.

IN WITNESS WHEREOF I, ……., the Partner / Proprietor / Director ……;…… hereto set and seal this the ……. day of ……. in the year……. at……..

Signature of the Indemnifier

Surities:

1. Name:
   Address:

2. Name:
   Address:

Witness:

ANNEXURE-"B"

FORMAT

On the Rupees Ten Non-Judicial Stamp Paper

BEFORE THE 1ST 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 :-

01. THAT I am the proprietor / Partner of …… having office at……..and carrying on business on the said name and style.

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

02. THAT my aforesaid Firm is exempted from ESI Act and the said Firm has no valid ESI Registration.

03. 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 me

ANNEXURE – "C"

No: Date:

To,
The Chief Engineer / Senior Executive Engineer (River Training)
Kolkata Port Trust.

Re: NIT No: RT/TN/---------- 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.

01. Treasury Receipt in original for Earnest Money / Bankers Cheque for Earnest Money.

02. Proof of experience and turn over as per pre – qualification criteria.

03. ESI Registration Certificate, if applicable.

Or

04. 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/= and Indemnity Bond in original in favour of KoPT drawn on a non – judicial stamp worth of Rs. 50/=, both as per your given proforma.

05. The VAT Registration Certificate.

06. I. T. PAN Certificate.

07. Copy of Labour Licence (if applicable).

08. Copy of Trade Licence (if applicable)

Enclo: As above.

Yours faithfully,

Signature of the Tenderer