

**MAULANA ABUL KALAM AZAD UNIVERSITY OF
TECHNOLOGY,
WEST BENGAL**

No : ENGG(Civil)/Tender-04/2015

Date : 29/12/2015

Sealed tenders are invited for special repairing of civil work (including S & P) from bonafide & resourceful ,agency who have experienced in handling such type of job in CPWD / PWD / WB Govt undertaking /PSU /reputed organization at the campus of MAKAUT, BF-142, Sec-I, Salt lake Kolkata : 700064

Name of the work : special repairing & renovation of toilet block in MAKAUT,WB, BF-142, Sec-I, Saltlake Kolkata : 700064.

Estimated Cost : **Rs -17,10,606/-**

Issue of Tender documents: 28/12/2015 to 6/1/2016 upto 2.30 PM

Last date of submission of complete tender: 12/1/2016 upto 2.30 PM

Opening of tender: - **13/1/2016** at 3.30 PM

Earnest money deposit: **Rs-34,212/-**

Time of completion : 30 days from the date of handing over the site.

1. Qualifications required for participating in the tender.

- a) The bidder must have IT, ST, VAT, PT,PAN etc. clearance certificates.
- b) The bidder must have credential of completion of similar type of Job/ civil & Interior work ,Electrical work.
of minimum amount of Rs 10.00 Lac executed within 05 years from the date of publication of
the NIT.
- c) The bidder should submit the audited balance sheet for the last three financial years.
- d) the participated bidder should furnish completion certificate from E-I-C/E.E of department where he has executed such type of job .

2. The bidder shall submit the 2% earnest money of tender value in the form of DD/Pay Order of any nationalized bank payable in favour of 'Maulana Abul Kalam Azad University of Technology, West Bengal', payable at Kolkata. The EMD of successful bidder shall be converted as initial Security deposit. The EMD shall remain valid for
three months from the date of opening of tender.

3. Security deposit

The Security deposit along with the initial security deposit shall be 10% of the ordered

amount which shall be realized from first and final bill. The security deposit shall be released 06 months after the completion of the job being certified by controlling officer/E-I-C and within such period the contractor shall be liable for maintaining/repairing of the defects .

4. Engineer-in -Charge/Controlling Officer

The Engineer(Civil),MAKAUT.WB

5. Paying Authority

The Finance Officer, MAKAUT.WB

6. Penalty :

The university shall impose penalty in the event of failure of the contractor to complete the work in the stipulated time or abandonment of the work at his own fault.. The penalty shall be deducted @ 10% Of the ordered amount with forfeiture of the EMD.

7. Mode of Work/measurement.

The work must be executed strictly as per the enclosed schedule of works and as per Specification and rates of PWD S.O.R. (Bldg) w.e.f July' 2014.& PWD (Electrical)

8. Variation of work

The rates shall be inclusive of all taxes and duties and Service tax. However the rate shall remain effective until total executed amount exceeds 5% of the tender amount.

9. The bidders must quote rate in the price bid as enclosed in annexure-I as % above or below. The rate should be quoted both in figure & words.

10. No quotation shall be entertained if EMD is not submitted. The university authority reserves the right to reject offer of any bidder or cancelled the tender without assigning any reasons.

11. The tender must be submitted to the Engineer(Civil), MAKAUT, WB in sealed envelop, mentioning the name of firm ,name of work &Tender no.

12. Agency would submit the bill of three copies in it own letter head after completion of work with satisfaction of university Authority for payment.

13. NO conditional tender will be accepted .

SL N O	DESCRIPTION OF ITEM	QTY	UNI T	RATE(RS)	AMOUNT(R S)
1.	Dismantling all types of masonry excepting cement concrete plain or reinforced ,stacking serviceable materials at site and removing rubbish as directed a lead of 75m in ground floor including roof.	15	M ³	415.00	6,225.00
2.	Dismantling all types of plain cement concrete work ,stacking serviceable materials at site and removing rubbish as directed within a lead of 75m	62.235	M ³	949.00	59,061.00
3.	Stripping off worn out plaster and raking out joints of walls , ceiling etc. up to any height and in any floor including removing rubbish within a led of 75m as directed.	397.57	M ²	19.00	7,553.38
4.	Plaster (to wall ,floor ,ceiling etc)with sand and cement mortar including rounded off or chamfering corners as directed and raking out joints including threading nosing and drip course scaffolding/staging where necessary (ground floor).[Excluding cost of chipping over concrete surface with 1:4 Cement mortar.20 mm thick plaster.	397.57	M ²	206.00	81,899.42
5.	Rendering the surface of walls and ceiling with white cement based walls putt of approved make and brand .	322.57	M ²	122.00	39,353.54

(15mm thick)

6.	Acrylic distemper to interior wall , calling with a coat fo solvent based interior grade acrylic primer (as per manufacturers specification) including cleaning and smoothing of surface .	322.57	M ²	76.00	24,515.52
7.	Removing old point from blistered paint surface of steel of other metal by chipping including scraping &cleaning.	135.00	M ²	48.00	6,480.00
8.	Removing thick layers of paint from heavily cracked and blistered painted surface of timber by careful burning with blow lamp including smoothening exposed surface of timber with pumice stone or glass and preparing the same for treatment .	150.00	M ²	53.00	7950.00
9.	Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	135.00	M ²	31.00	4,185.00
10	Priming One coat on timber or plaster surface with synthetic oil primer of approved quality including smoothening surfaces by sand preparing etc .	150.00	M ²	41.00	6,150.00
11	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 surface if necessary. (A)On timber surface - One coat (with any shade except white)	135.00	M ²	59.00	7,965.00
12	(B)on steel other metal surface -one coat (with any shade except white)	150.00	M ²	55.00	8,250.00

13	Taking out shutter of door and window -dismantling by part for repair or replacement of damage part)reassembling and refitting and remaining same with old fitting but with new screws as necessary	70.00	M ²	128.00	8,960.00
14	Supplying & laying true to line & level vitrified tiles of approved brand (size not less than 600mmx600mmx10mm thick) in floor ,skirting etc .set in 20mm sand cement mortar (1:4)& 2mm thick cement slurry back side of tiles using etc .side of tiles using @2.9kg/m ² or using polymerized adhesive (6mm thick layer directly over finished artificial stone flooring/mosaic etc without & backing course)laid after application slurry using 1.75 kg of cement per m ² below mortar only ,joints grouted with admixture of white cement & coloring pigment to match with color of tiles /epoxy grout material of approved make as directed & removal of wax coating of top surface of tiles with warm water & polishing the tiles using soft & dry cloth up to mirror finish complete including the cost of materials ,labor & incidental charge complete true to the manufactures specification & direction of Engineer-in -charge. (white cement ,synthetic adhesive & grout material to be supplied by the contractor)	149.55	M ²	1970.00	2,94,613.50

(1)with application slurry @1.75kg/sq.m,20mm sand cement mortar (1:4)& 2mm thick cement slurry at back side of side of tiles , 0.2kg/sq. m white cement for joint filling with pigment .deep colour & white.

15	Supplying ,fitting ,fixing 1 st quality ceramic tiles in wall &floor to match the existing work &4nos.of key stones (10mm)fixed with araldite at the back of each tile &finishing the joint with white cement mixed with coloring oxide if required to match the color of tiles including of roughening of concrete surface ,if necessary or by synthetic adhesive &grout material etc. Wall : with sand cement mortar (1:3) 15mm thick 2mmthick cement slurry at side of tiles using cement @2.91kg/sq. m & joint filling using white cement slurry @0.20kg/sq .m. Area of each tiles above 0.09sq.m- coloured decorative	507.60	M ²	851.00	4,31,976.60
16	Supplying , fitting ,fixing ,Flat back urinal (half stall urinal)in white vitreous chinaware of approved make in position with brass screws on 75mmx75mmx75mm wooden black complete. (1)590mmx390mmx380mm.	20.00	NOS	2990.00	59,800.00
17	Supplying &fixing marble slab/tile of15to 18mm thickness	5.532	M ²	1662.00	9,194.184
18	Labour &material charge fabrication &installation of composite door ,window ,partition made from anodized extruded alloy aluminium section for glazed aluminium window made of extruded &anodized alloy aluminium section ,fabrication ,including cutting to proper shape &size ,drilling &aligning of window shutter frame fitted in built locking arrangement ,rollers &other necessary fitting ,fixture adhesive	7.06	M ²	4842.00	34,184.52

&joineries along with extruded neoprene or EPDM gusseting in between window frame &masonry work(walls ,column ,beam ,lintel etc)as well as between glass &shutter frame for fixing glass &poly shipmate sealant &in between shutter &window frame where necessary including cutting to requisite size &fixing glass as per drawing ,specification &direction of EIC .The rate include the hire charge of all tools &plant, including all incidental charges ,adhesive ,joineries such a

s screw, cleat angle etc. and including the cost of extruded aluminium section ,glass ,neoprene /EPDM gusseting ,locking arrangement &rollers.

(a)Aluminium bathroom lobber colour anodizes frosted glass.

	b) Aluminium sliding window natural anodize clear glass.	5.26	M ²	2152.00	11,319.00
19	Cement with graded jacamar khoa (30mm size) excluding shuttering 1:3:6 proportion.	5.00	M ³	5803.00	29,015.00
20	125mm thick work 1 st class brick in cement mortar (1:4)in ground floor.	35.00	M ³	783.00	27,405.00
21	Brick work 1 st class brick in cement mortar (1:4)-in superstructure ,ground floor	7.00	M ²	6293.00	44,051.00
22	Wood work in door &window frame fitted &fixing in position complete including a protective cost of painting at the contact surface of the frame excluding cost of concrete .iron Butt Hinges & Ms clamps.(The quantum	0.20	M ³	1,73836	34,767.20

should be corrected up to three decimals).

- 23 Supplying ,fitting ,fixing G.I Pipes of TATA make with all necessary accessories s, special viz .socket ,bent, tee ,union ,cross ,elbow ,nipple long screw ,reducing, socket ,reducing tee, short piece etc. complete in all respect including cost of all necessary fitting and required ,jointing materials &two cote of panting with approved painting with approved paint in any position above the ground .(payment will be made on the centre line measurements of total pipe line including all specials .No separate payment will be made for accessories ,special. Patent for painting will be made separately)for exposed work .

	(a)15mm				
	dia medium quality	77.00	M	202.00	15554.00
	(b)20				
	mm dia medium quality	74.55	M	260.00	19,383.00
	(c)25mm				
	dia medium quality	37.00	M	384.00	14,208.00
34	Supplying ,fitting &fixing bib cock or stop cock. Chromium plated Bib cock with wall flange (Equivalent to code no-5047 &model-Florentine of jaguar or similar brand.)	30	NOS	1105.00	33,150.00
35	Supplying ,fitting ,&fixing PVC pipes of approved of (medium	40.00	M	314.00	12,560.00

duty)conforming to ASTMD-1785 & threaded to match with G.I pipes as per IS:1239 (part-1)with all necessary accessories ,special viz. socket ,bend ,tee, union, cross, elbow ,nipple ,long screw ,reducing socket ,reducing ,short piece etc .fitted with holder bat s ,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 the centre line measurements of total pipe line including all specials .No separate payment will be made for accessories ,special. Payment for painting will be made separately) For exposed work -pvc pipes

36	Supplying ,fitting & fixing 10 liter P.V.C Low- down cistern conforming to i.s specification with P.V.C Fitting complete C.I bracket including two coats of painting to bracket etc	23.00	NOS	1181.1	27,163.00
37	Supplying ,fitting, fixing white vitreous china best quality approved make wash basin with C.I bracket on 75mmx75mm wooden blocked ,C.P chain with rubber plug of 32mm dia. One approved quality brass C.P. pillar cock of 15mm dia ,C.P. chain with rubber plug of 30mm dia ,approved quality P.V.C waste pipe with C.P. nut 32mm dia ,900mm long approved quality P.V.C . connection pipe with heavy brass C.P .nut including mending good all damages & painting the 630mmx450mm siz	24.00	NOS	3873.00	92,952.00
38	Supplying ,fitting ,fixing E.W.C.in white glazed vitreous chinaware of	22.00	NOS	1776.00	39,072.00

approved make complete in position with necessary bolts ,nuts etc. with p-trap

39	Supplying ,fitting ,fixing closet seat of approved make with lid &C.P .hinges ,rubber buffer &brass screws complete .Bestiality (solid type) white.	23.00	NOS	846.00	19,458.00
40	Supplying ,fitting ,fixing cast iron soil pipe only conforming to I.S3989/1970 &I.S1729/1964 with bobbins ,nails etc. including making holes in the ,floor etc .and cutting trenches etc. in any floor through masonry concrete ,if necessary ,&meaning good damages with necessary joining materials &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 special ,payment for special &painting will however be paid line separately)With alamode joints including sealing with sand cement mortar (4:1)up to quarter depth. 100mm dia. (internal).	37.00	M	795.00	29,415.00
41	Supplying ,fitting ,fixing cast iron single branch equal with door conforming to I.S1729/1970 including joining &painting two coats the exposed with approved paint complete.(Payment of painting will however be paid separately)with alamode joint including sealing the top with cement mortar (4:1) 100mm dia.	19.00	NOS	923.00	17,537.00

42	Supplying ,fitting ,fixing cast iron double branch equal with door conforming to I.S1729/1970 including joining &painting two coats the exposed with approved paint complete.(Payment of painting will however be paid separately)with alamode joint including sealing the top with cement mortar (4:1) 100mm dia.	16.00	NOS	1069.00	17,104.00
43	Supplying ,fitting fixing H.C.I. bend with door conforming to I.S.S including joints complete &painting two coats to the exposed surface with approved paint complete . (payment of painting will however be paid separately)with alamode joints including sealing the top with cement mortar(4:1)100mm dia.	15.00	NOS	624.00	9360.00
44	Supplying ,fitting fixing H.C.I .bend without door conforming to I.S.S including joints complete &painting two coats to the exposed surface with approved paint complete . (payment of painting will however be paid separately)with alamode joints including sealing the top with cement mortar(4:1)100mm dia.	15.00	NOS	568.00	8,520.00
45	Supplying ,fitting fixing approved patent vent cowl I.C.I . conforming to I.S.S.& painting two coats to the exposed surface with approved with paint complete.(Payment of painting will however be paid separately).100mm dia	20.00	NOS	427.00	8,540.00
46	Supplying ,fitting fixing approved patent pillar cowl I.C.I . conforming to I.S.S.& painting two coats to the exposed surface with approved with paint complete.(Payment of painting will however be paid separately).	25.00	NOS	1105.00	27,625.00

Pillar cock (jaguar).

47	Supplying fitting fixing cast iron, 'p' or 's' trap conforming to I.S. 3989/1770&1729/1964 including lead caulked & painting two coats to the exposed surface .(painting to be paid separately) p-trap 100mm	20.00	NOS	1094.00	21,880.00
48	Hydraulic door closer or approved quantity as per I.S.I standard fitted and fixed. (a)heavy type(I.S.I size3)	8.00	NOS	1919.00	15,352.00
49	Supplying fitting fixing bevelled edged mirror 5.5 mm thick silver red as per I.S 3438 /1965 together with brass c .p hinges . 600mmx450mm	20	NOS	619.00	12,380.00
50	Supplying fitting fixing towel rail with two brackets . (A)C . p .over brass -25mm dia.750mm long.	40	NOS	613.00	24,520.00

TOTAL RS-17,10,606/-

I/WE do declare our offer ----- % above/below the total amount of Rs --17,10,606/-

Signature & seal