

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

No : ENGG(Civil)/Tender-05/2016(R)

Date : 27/01/2015

Sealed tenders are invited for special repairing & renovation related work 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 repair & renovation & face lifting work of university site Building , MAKAUT,WB, BF-142, Sec-I, Saltlake Kolkata : 700064.

Estimated Cost : **Rs -60,91,860.13/-**

**(a) Application for Tender document 27/01/16 to 12/02/16**

(b) Issue of Tender documents to the qualified bidder : 29/01/2016 to 15/02/2016 up to 2.30 PM

(c) Last date of submission of complete tender: 17/2/2016 up to 2.30 PM

(d) Opening of tender: - **19/02/2016** at 3.30 PM

(e) Earnest money deposit: **Rs1,21,837/-**

(f) Time of completion : 60 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 ,

of minimum amount of Rs 18.00 Lac(app 30%of tender value) 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.

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 percentage 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 .

14. The tender accepting authority may reject any tender/bid whatsoever without assigning any reason to the bidder .

15. In any case if a holiday declared in the date of dropping the complete tender the same would be received on next working day within the schedule time limit .

SL NO	DESCRIPTION OF ITEM	QTY	UNIT	RATE(RS)	AMOUNT(RS)
1.	Dismantling all types of masonry excepting cement concrete plan or reinforced ,stacking serviceable materials at site and removing rubbish as directed a lead of 75m in ground floor including roof.	115.85	M <sup>3</sup>	451.00	52,249.47
2.	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.	1577.45	M <sup>2</sup>	19.00	29,971.41
3.	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.	1577.45	M <sup>2</sup>	206.00	3,24,954.70
4.	Scraping and removing greasy soot from wall or ceiling of kitchen or similar smoke affected room and preparing the surface .	34.5	M <sup>2</sup>	11.00	379.50
5.	18mmto 22mm thick ,kota stone slab set in 20mm thick (avg)cement mortar (1:4) in floor ,stair &lobby including pointing in cement slurry with admixture of pigment matching the stone shade ,including grinding &polishing as per direction of Engineer -in - charge to match with the existing work . (slurry for bedding @4.4 kg /sq.m and pointing @2.0 kg/sq.m)	707.94	M <sup>2</sup>	1151.00	8,14,838.94
6.	Extra cost of labor for prefinished and premoulded nosing to treads of steps ,railing ,window sill etc of kota stone .	24.012	M <sup>2</sup>	211.00	5,066.53
7.	Supplying ,fitting &fixing granite slab 15mm to 18mm thick with uniform texture &without decorative veins in Coolum ,wall facial etc .with 15mm thick (avg)cement mortar (1:2)(1 white cement :2 marble dust )with admixture of pigment matching the stone shades all complete as per direction of the Engineer -in -charge including cost of all materials labours scaffolding ,staging ,curing and roughening of concrete surface complete . (Using cement slurry at back side of granite @4.4 kg /sq .m &white cement slurry for	5	M <sup>2</sup>	2685.00	13,425.00

joint filing @1.8 kg /s.q m )

8.	Removing old scales, blister etc of interior surface of wall ,calling by scraping etc ,and preparing smooth and even surface with rendering or cement mortar (1:2)(as necessary ),make the surface suitable for receiving distemper (payment against this item will be made only when this has been done on the specific direction of the Engineering in charge).	817.88	M <sup>2</sup>	1047.00 % Sq .m	8593.00
9.	Washing and cleaning old painted surface and oiling with linseed oil .	2278.72	M <sup>2</sup>	7.00	15,951.00
10	Rendering the surface of walls and ceiling with white cement based walls putt of approved make and brand .(15mm thick)	9479.98	M <sup>2</sup>	122.00	11,56,557.86
11	Synthetic distemper to interior wall , celling with a coat of solvent based interior grade acrylic primer (as per manufacturers specification) including cleaning and smoothening of surface . Two cote	34.5	M <sup>2</sup>	73.00	2518.50
12	Acrylic distemper to interior wall , calling with a coat fo solvent based interior grade acrylic primer (as per manufacturers specification ) including cleaning and smoothening of surface .	3096.61	M <sup>2</sup>	76.00	2,35,342.24
13	Scraping of moss ,blisters etc. thoroughly from exterior surface of wall necessitation the use of scraper wire brush etc (payment against this item will made only when this has been done on the specific direction of the Engineer -in -charge )	6336.55	M <sup>2</sup>	7.00	44,355.90
14	Protective and decorative Acrylic exterior emulsion paint of approved quality ,as per manufacturers specification & as per direction of EIC to be application over acrylic primer as required .The rate includes cost of material ,labour ,scaffolding and all incidental charges but excluding the cost of primer . (A)Super protective 100 % Acrylic Emulsion .	6336.55	M <sup>2</sup>	108.00	6,64,348.21
15	Removing old point from blistered paint surface of steel of other metal by chipping including scraping &cleaning.	524.40	M <sup>2</sup>	48.00	25,171.20
16	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 .	917.70	M <sup>2</sup>	53.00	48,638.10
17	Priming One coat on timber or plaster surface	917.70	M <sup>2</sup>	41.00	37,625.70

	with synthetic oil primer of approved quality including smoothening surfaces by sand preparing etc .				
18	Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	524.40	M <sup>2</sup>	31.00	16,256.40
19	Pointing 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 )	798.00	M <sup>2</sup>	59.00	47,082.00
20	(B)on steel other metal surface -one coat (with any shade except white)	456.00	M <sup>2</sup>	55.00	25,080.00
21	Supplying ,fitting ,fixing 1 <sup>st</sup> 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- (1)coloured decorative	229.94	M <sup>2</sup>	851.00	1,95,678.94
22	Supplying &laying true to line &level vitrified tiles of approved brand (size not less than 600mmx600mmx10mmthick)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 <sup>2</sup> 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 <sup>2</sup> bellow mortar only ,joints grouted with admixture of white cement &colorings pigment to match with color of tiles /epoxy grout material of	876.00	M <sup>2</sup>	1471.00	12,88,596.00

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)

(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 .(a)light colour.

23	Brick work with 1 <sup>st</sup> class brick in cement mortar (1:4)	4.05	M <sup>2</sup>	6293.00	25,486.00
24	Ordinary cement concrete (mix 1:2:4)with graded stone chips (20mmnominals size ) excluding shuttering and reinforcement ,if any in ground floor as per relevant is codes . (a)pakur variety	10.47	M <sup>3</sup>	4603.00	48,232.07
25	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	7	Nos	3873.00	27,111.00
26	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.)	10	Nos	1105.00	11,050.00
27	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 .

	medium quality	(a)15mm dia				
	medium quality	(b)20 mm dia	20	M	220.00	4400.00
	medium quality	(c)25mm dia	15	M	260.00	3900.00
			15	M	308.00	4620.00
28	Supplying &fixing marble slab/tile of15to 18mm thickness.		156	M <sup>2</sup>	1777.00	2,77,212.00
29	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 <sup>2</sup>	121.00	8,470.00
30	Wall panelling by 12mm thick water proof ply (ISI band)including necessary frame work by wooden batten 62mm wide x37mm thick as required in position including lamination finish by 1.5 thick (colour as per department choice )after franch polishing in all complete . (as per pwd schedule)		126.00	M <sup>2</sup>	3717.00	4,68,342.00
31	Hire and labour charges for shuttering with		23.00	M <sup>2</sup>	403.00	9,591.40

- . cantering and necessary staging upto 4mm using approved stout props and thick hard required brecing for concrete slab ,beams and colums ,lintels curved of straight including fitting ,fixing and striking out after completion of work (up to roof of ground floor).(a)steel shuttering or 9mmto12mm thick approved quality ply board shuttering in any concrete work.
- 32 Reinforcement for reinforced concrete work 0.10 MT 68508.00 9,591.12
  - . in all sorts of structures including distribution bar ,stirrups ,binders etc intial straightening and removal of loose rust (if necessary ) cutting to requisite length hooking and bending to correct shape ,placing in proper portion and binding with 16gauge black annealed wire at every intersection ,complete as per drawing and direction . (a)For work in foundation ,basement and upto roof ground floor /up to 4m(1)
- 33 Supply & laying interior designer pavement . 138.00 M<sup>2</sup> 1023.00 1,41,174.00
  - . (a)25mm thick block. (1)colour Decerative.

TOTAL RS-60,91,860.13/-

I/WE do declare our offer ----- % above/below the total amount of Rs -60,91,860.13/-

Signature & seal