



No.UEV/ 20 / 1730 of 2020

Mumbai – 400 098

Date: 15th Dec. 2020

TENDER NOTICE

Wax sealed tenders are invited by the University Engineer, University of Mumbai for the following work :

- 1 Name of work : Window replacement, toilet renovation and other renovation works of 12B-2 reader's quarter at Vidyanagari Campus, University of Mumbai, Mumbai-98
- 2 Cost put to tender : 2,57,919/-
- 3 Cost of Tender form : Rs. 224/- (200 + GST) only
- 4 Issuing of tender form : **15th December 2020 From 11:00 AM**
- 5 Last date for submission of tender form : **22nd December 2020 before 3:00 PM**
- 6 Place and time for payment of tender form fees : University cash counter, Examination House, 2nd floor, Room no-45 Vidyanagari Campus
OR
University cash counter, Room No. 12, Gr. Floor, Fort Campus Building, University of Mumbai, Fort, Churchgate.
- 7 Place and time of availability of 'Tender' : Office of University Engineer, Dr. Ambedkar Bhavan, 1st floor, Vidyanagari Campus.
- 8 Place for submission of 'Tender' : Office of University Engineer, Dr. Ambedkar Bhavan, 1st floor, Vidyanagari Campus.
- 9 Mode of payment of R.M.D. : R.M.D. will be 4% of work will be deducted in bill and return after defect liability period expired
- 10 Period within which work is to be done : 1 Month after issue of work order
- 11 Defect liability period : 1 Year

The blank tender form (Schedule "B") must be submitted and details such as (i) Tender Fee Receipt No. & Date must invariably be written on it.

The contractor in the field should be PWD registered. The rates are excluding all the taxes like GST. Any over writing in tender document leads to rejection of tender.

Please note that, if any damages are done to electrical wiring, cabling etc. and internal, external pipeline during the repairing work shall be rectified /replaced by the contractor immediately at his own expense.

The selected contractor will have to execute an agreement on Rs. 500/- Stamp paper. University of Mumbai will not be responsible for any postal delay/loss in transit.

University Engineer, University of Mumbai reserves the right to reject all the tenders or any tender without assigning any reasons therefore and to relax or waive any of the condition stipulated in any of the tender that may be issued wherever necessary.


University Engineer
University of Mumbai



Estimate

Name of work : Window replacement, toilet renovation and other renovation works of 12B-2 reader's quarter at Vidyanagari Campus, University of Mumbai, Mumbai-98

Sr. No.	Item No.	Description	Unit	Rate	Add 5% in rate For Corporation Areas	Quantity	Amount
1	21.01	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m. beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 3.00 m.) By Manual Means	Cubic Meter	217	227.85	2.988	680.82
2	21.38	Providing dry/ trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm to 20 cm thick including hand packing and compacting etc. complete.	Cubic Meter	1108	1163.4	12.796	14886.87
3	24.16	Providing and laying Cast in situ/Ready Mix cement concrete M 15 of trap/granite/quartzite/gneiss metal for coping to plinth or parapet, moulded or chamfered as per drawing or as directed including steel centering, plywood/ steel formwork compacting, roughening them if special finish is to be provided, finishing uneven and honeycombed surface and curing etc. complete. The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed.) With fine aggregate (Crushed sand VSI Grade)	Cubic Meter	5845	6137.25	2.858	17540.26
4	27.06	Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:4 in half brick thick wall including mild steel longitudinal reinforcement of 2 bars of 6 mm diameter / 2 hoop iron strips 25 mm X 1.6 mm placed at every third course, properly bent and bonded at ends scaffolding, racking out joints and watering etc. complete.	Square Metre	926	972.3	22.66	22032.32
5	32.11	Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm thick in cement mortar 1:4 using waterproofing compound at 1Kilogramper cement bag curing the same for not less than 2 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in cement mortar 1:4 finishing the surface by taking out grains and curing for fourteen days scaffolding etc.complete.	Square Metre	599	628.95	32.62	20516.35
6	36.11	Providing and applying washable oil-bound distemper of approved colour and shade to old and new surfaces in two coats including scaffolding, preparing the surfaces. (excluding the primer coat.) etc. complete.	Square Metre	43	45.15	19.92	899.39
7	33.48	Providing and fixing green marble of 18 to 20 mm thick for door frame/ dado/ window boxing etc. On C.M. 1:6 including filling joints with polymer base filler nosing / moulding the sharp edges wherever necessary, curing, etc. complete.	Square Metre	2242	2354.1	1.245	2930.85
8	21.37	Filling in plinth and floors with contractors material/brought from outside and approved by Engineer incharge in layers of 15 cm to 20 cm including watering and compaction etc. complete.	Cubic Metre	446	468.3	3.816	1787.03
9	33.51	Providing and fixing heavy duty inter locking concrete Coloured paving blocks of 60 mm thickness of having a strength of 300 Kilogram/Sq.cm. of approved quality and shape on a bed of crushed sand of 25 to 30 mm thick including skirting joints and cleaning etc. complete	Square Metre	825	866.25	6.36	5509.35



Sr. No.	Item No.	Description	Unit	Rate	Add 5% in rate For Corporation Areas	Quantity	Amount
10	Additional item for DSR 2017- 18. Sr.no. - 4	Breaking/ Chipping carefully the loose concrete/ plaster of distressed member without damaging existing strong concrete by means of sharp chissel which should tempered regularly or high frequency low impact hammers used, cleaning the surface by water jet pressure pump at 4 to 5 kg/sqcm pressure to remove chlorides and loose particles, air drying the surface etc. The Work should be carried out with all safety measures like helmet,safety belt and adequate labour insurance under the supervision of qualified supervisor.(The damaged area of member / concrete will be measured)etc..... complete(Excluding all taxes) (As directed by Superintending Engineer in Charge)	Square Metre	86	90.3	0.72	65.02
11	52.21	Removing loose rust from the reinforcement bars by wire brushing, light hammering etc. and applying sulphate and chloride free inorganic single component rust remover Rusticide as approved by Engineer in charge conforming to IS 9077. The rusted surface shall become blackish non rusted colour. After 24 hours of application of rust remover, loose particles shall be removed by brush. Apply one more coat of Rusticide. Apply bonding coat slurry of high performance acrylic polymer - Methyl 2-methylpropenoate copolymer with another enoate as approved by Engineer in charge on entire surface. Mix 1Kilogramof acrylic polymer with 0.5Kilogramof cement. Finish it with ready to use repair polymer modified mortar based on special cements, aldehyde based polymers with thixotropy modifying agents as approved by Engineer in charge (The Polymer Modified Mortar (PMM) should attain min. compressive strength of 20 N/mm2 in 1 day and 30 N/mm2 in 7 days) by adding 13 - 16% water by weight of polymer modified mortar for treatment to the damaged RCC members. Add 1Kilogramof Migrating Corrosion Inhibiting Admixture as approved by Engineer in charge per 25Kilogrambag of polymer modified mortar. After mixing polymer modified mortar, it can be trowel applied or sprayed. When applying by hand, polymer modified mortar must be forced tightly into the substrate to ensure complete contact with the substrate.	Square Metre	2113	2218.65	0.72	1597.43
12	39.01	Providing and fixing frame with / without ventilator of size as specified with Country cut teak wood for doors and windows including chamfering, rounding, rebating, iron holdfast of size 300mm x 40mm x 5mm with oil painting, etc. complete	Cubic Meter	174746	183483.3	0.095	17430.91
13	39.10	Providing and fixing solid core flush door shutter commercial in single leaf 32 mm thick without ventilator commercial type of exterior grade as per detailed drawings with wrought iron hold fast, stainless steel fixtures and fastenings and handles on both sides and finishing with oil painting 3 coats complete.	Square Metre	2500	2625	6.3	16537.50
14	33.40	Providing and laying vitrified mirror / glossy finish tiles decorative type having size 590 mm to 605 mm x 590 mm to 605 mm of 8 to 10 mm thickness and confirming to IS. 15622-2006 (group Bla) of approved make, shade and pattern for flooring in required position laid on a bed of 1:4 cement mortar including neat cement float, filling joints, curing and clearing etc. complete.	Square Metre	1098	1152.9	12.66	14595.71
15	33.41	Providing and laying vitrified mirror / glossy finish tiles having size 590 mm to 605 mm x590 mm to 605 mm of 8 to 10 mm thickness and confirming to IS. 15622-2006 (group Bla) of approved make, shade and pattern for dado and skirting in required position fixed in 1:4 cement mortar including neat cement float, filling joints, curing and clearing etc. complete	Square Metre	1167	1225.35	7.2	8822.52



Sr. No.	Item No.	Description	Unit	Rate	Add 5% in rate For Corporation Areas	Quantity	Amount
16	39.43	Providing and fixing in position (as per 1868 / 1982) Aluminium sliding window of three tracks with rectangular pipe 95 x 38.10 x 0.90 mm at weight 0.637 Kilogram/Running metre. with window frame bottom track section 92 x 31.75 x 1.30 mm at weight 1.070 Kilogram/Running metre.. Top and side track section 92 x 31.75 x 1.30 mm at weight 0.933 Kilogram/Running metre. The shutter should be of bearing bottom 40 x 18 x 1.25 mm at weight 0.417 Kilogram/Running metre. Inter locking section 40 x 18 x 1.10 mm at weight 0.469 Kilogram/Running metre. and handle and top section 40 x 18 x 1.25 mm at weight 0.417 Kilogram/Running metre. As per detailed drawings and as directed by Engineerincharge with all necessary Aluminium sections fixtures and fastenings such as roller bearing in nylon casting and self locking catch fitted in vertical section of shutter including 5 mm thick plain glass and aluminium mosquito net shutter with stainless steel jail with all required screws and nuts etc, complete. With powder coating with box	Square Metre	5157	5414.85	8.25	44672.51
17	Sr. no. 100 on page no. 404 of SSR 2020-21	Mosquito proof Nylone net	Square Metre	224	235.2	18.22	4285.34
18	39.74	Providing and fixing fly proof mesh shutter to ventilator / window using CCTW members of size 45 x 22 mm for frame work and 35 x 22 mm for middle support and fixing fly proof mesh on it and covering TW battens of size 20 x 10 mm including priming and two coats of oil painting to the new wood and steel work and all labour charges including all fixture and fastenings etc. complete	Square Metre	3086	3240.3	2.1	6804.63
19	42.33	Providing and fixing 1st class white glazed earthenware Orissa Type W.C. Pan 580 mm dia including P or S trap cast iron soil and vent pipe upto the outside face of the wall (1:5:10) cement concrete bedding 15 mm thick, 10 liter P.V.C. flushing cistern with all necessary pipe connection etc. complete.	Numbers	6374	6692.7	1	6692.70
20	42.8	Providing and fixing C.P. Two way BIB cock of approved make continental including necessary sockets/union nut etc. complete.	Numbers	1244	1306.2	1	1306.20
21	43.37	Providing and fixing 15 mm diameter PVC Aqua kraft type of approved make super jet spray with flange 2 in 1 faucet 1.50 metre long including all accessories etc complete	Numbers	663	696.15	1	696.15
22	42.79	Providing and fixing C.P. Angular stop clock with wall flange of approved make continental including necessary sockets/union nut etc. complete.	Numbers	2440	2562	1	2562.00
23	42.83	Providing and fixing C.P. BIB cock with wall flange of approved make including necessary sockets/ union nut etc. complete.	Numbers	983	1032.15	1	1032.15
24	Item no. 357 on Page 411	Upvc sanitary pipes all 50 mm dia.	Rmt.	850	892.5	2	1785.00
25	Sr. No. 349 on page no. 411 of SSR 2020-21	Stainless Steel sink of size 610 x 460 x 200 mm of niral or equivalent make	No.	9205	9665.25	1	9665.25
26	33.32	Providing 25 mm to 30 mm thick partition of polished black kadappa stone slab of approved quality including giving required size and shape etc. Fixing in cement mortar 1:3 curing and cement etc. complete. a) One side polish	Square Metre	920	966	9	8694.00
27	36.19	Scrapping the old plastered internal surface with sand paper and coating the entire surface with mixture of whitening or glue and linseed oil including scaffolding etc. complete as directed.	Square Metre	33	34.65	45.16	1564.79
28	35.21	Providing and applying priming coat on concrete/ masonry/ Asbestos Cement plastered surfaces including scaffolding if necessary, preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter and sand papering as required etc. complete.	Square Metre	34	35.7	65.08	2323.36
29	36.12	Providing and applying plastic emulsion paint of approved quality, colour and shade to old and new surfaces in two coats including scaffolding, preparing the surface. (excluding the primer coat)etc. complete.	Square Metre	69	72.45	45.16	3271.84



Sr. No.	Item No.	Description	Unit	Rate	Add 5% in rate For Corporation Areas	Quantity	Amount
30	23.10	Providing structural steel work of rectangular hollow steel section for steel trusses, other similar trussed items like purlin and members with all bracing, gusset plates etc. as per detailed designs and drawings or as directed including cutting, fabricating, hoisting, erecting, fixing in position making riveted/bolted/ welded connections and one coat of anticorrosive paint and over it two coats of oil painting of approved quality and shade complete. Spec. Number : As directed by Engineer-in-charge.	Metric Tonne	92550	97177.5	0.126	12244.37
31	38.04	Providing and fixing corrugated galvanised iron sheets of 0.63mm thick (24 B.W.G.) for roofing without wind tiles including fastening with galvanised iron screws and bolts, lead and bitumen washers as per drawing etc. complete.(Weight of 5.5 Kilogram/sq.m.).	Square Metre	777	815.85	3.3	2692.31
32	46.15	Removing doors and windows with frames and stacking the materials as directed with all leads, lifts etc. complete.	Numbers	142	149.1	8	1192.80
33	46.19	Removing cement tiles , or marble or polished shahabad floor or dado without bed concrete including stacking the materials as directed with all leads, lifts etc. complete	Square Metre	41	43.05	9.36	402.95
34	46.41	Removing W.C. pans including disconnecting the sanitary and water supply connections, removing and breaking flooring and bed concrete around pan removing the same carefully and stacking the serviceable materials as adn where directed including throwing the unserviceable materials out side etc. carefully and throwing out the refusal outside etc. complete.	Numbers	189	198.45	1	198.45

Total Rs 257919.12

Say Rs. 257919.00

Add 12% GST Rs 30950.28

Add 1% labour insurance 2579.19

Total Rs 291448.47

Estimate Prepared & Checked by:

(TS. JY. EUGG.)

University Engineer
(University of Mumbai)