

UNIVERSITY OF KERALA

ENGINEERING UNIT, KARIAVATTOM

TENDER SCHEDULE FOR RECONSTRUCTION OF COLLAPSED AND DAMAGED PORTION OF NORTHERN BOUNDARY WALL BEHIND FACULTY GUEST HOUSE AT SH
CAMPUS

Sl no	Qty		Specification	Unit	Rate	Rate in Words	Amount
1	15	m ³	Demolishing stone rubble masonry manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge : In lime mortar	m ³	622.39	Rs.Six hundred & twenty two & ps. Thirty nine only	9335.85
2	1.6	m ³	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar	m ³	1106.03	Rs.One thousand one hundred & six & ps. three only	1769.648
3	15	m ³	Removing mortar from and cleaning stones and concrete articles (net quantity of stacks of cleaned materials will be measured) : In lime mortar	m ³	259.75	Rs.Two hundred & fifty nine & ps. Seventy five only	3896.25
4	17	m ³	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5 m in width as well as 10 sqm on plan) including disposal of lead upto 50m and lift upto 1.5m, disposed earth to be levelled and excavated earth, neatly dressed. All kinds of soil	m ³	228.22	Rs.Two hundred & twenty eight & ps. Twenty two only	3879.74

5	1.7	m ³	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size)	m ³	6308.50	Rs.Six thousand three hundred & eight & ps. Fifty only	10724.45
6	3	m ³	Coveyance of departmental rubble from available site within one KM including 100m carriage by mannual means etc. complete: additional quantity required	m ³	361.04	Rs.Three hundred & sixty one & ps. Four only	1083.12
7	6	m ³	Random rubble masonry with hard stone in foundation and plinth Cement mortar 1:6 (1 cement : 6 coarse sand) using departmental rubble.	m ³	3374.67	Rs.Three thousand three hundred & seventy four & ps. Sixty seven only	20248.02
8	11	m ³	Random rubble masonry with hard stone in superstructure above plinthlevel and upto floor five level, including Cement mortar 1:6 (1 cement : 6 coarse sand) using departmental rubble, superstructure lift foundation.	m ³	4289.48	Rs.Four thousand two hundred & eighty nine & ps. Forty eight only	47184.28
9	3	m ³	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)		9636.22	Rs.Nine thousand six hundred & thirty six & ps. Twenty two only	28908.66
10	8	m ²	Centering and shuttering including strutting, propping etc. and removal of form for : Lintels, beams, plinth beams, girders, bressumers and cantilevers	E	487.16	Rs.Four hundred & eighty seven & ps. Sixteen only	3897.28

11	300	Kg	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars	Kg	99.88	Rs.Ninety nine & ps. Eighty eight only	29964
12	2	m ³	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand)	m ³	7958.53	Rs.Seven thousand nine hundred & fifty eight & ps. Fifty three only	15917.06
13	15	m ²	Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand) : Flush/ Ruled pointing	m ²	224.19	Rs.Two hundred & twenty four & ps. Nineteen only	3362.85
14	20	m ²	Plastering with 12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	m ²	239.59	Rs.Two hundred & thirty nine & ps. Fifty nine only	4791.8
15	10	Nos	Providing and fixing 110mm PVC pipe 6 kgf/cm ² for weep holes plave inside the rubble wall fixed to steel work. Pipe length 50cm	E	239.20	Rs.Two hundred & thirty nine & ps. Twenty only	2392
16	23	Kg	Supplying at site Angle iron post & strut of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia. etc. complete.	Kg	103.98	Rs. One hundred & three & ps. Ninety eight only	2391.54

17	50	m	Fencing with angle iron post placed at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only and provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 m (minimum), between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete. (Cost of posts, struts, earth work and concrete work to be paid for separately). Payment to be made per metre cost of total length of barbed wire used. With G.I. barbed wire	m	19.00	Rs.Nineteen only	950
18	6	m ²	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete. On steel work	m ²	170.94	Rs.One hundred & seventy & ps. Ninety four only	1025.64

19	20	m ³	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50m and lift upto 1.5m cum 112.40	m ³	164.85	Rs.One hundred & sixty four & ps. Eighty five only	3297
			TOTAL				195019.19

PAC Rs.1.95,019/- (Rs.One lakh ninety five thousand & nineteen only)

I/We agreed to execute the work.

1.% below the estimate rate.

2. % above the estimate rate.

3. At the estimate rate.

Sd/-

CONTRACTOR

UNIVERSITY ENGINEER