

**BOQ for Restoration of damaged boundry wall of SMVDIME at Kakryal - Katra.**

S.No.	DSR Item No.	Description of item	Unit	Qty.	Rate to be Quoted by Contractor	
					Rate	Amt.
1	2.6.1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed. All kinds of soil	cum	4.83		
2	2.1.1	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including disposal of excavated earth upto 50 m and lift upto 1.5 m, disposed soil to be levelled and neatly dressed: All kinds of soil	sqm	84		
3	2.8.1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.	cum	96.19		
4	4.1.8	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 40 mm nominal size). Complete.	cum	24.61		
5	4.1.5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size). Complete.	cum	19.94		
6	4.2.5	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc. up to floor five level, excluding the cost of centering, shuttering and finishing: 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size). complete.	cum	99.48		
7	NS	Supplying, stacking & placing of hard stone (for plum concrete of R/wall) 22.5 cm thick at site including placing in position.	cum	29.84		
8	2.25	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 50 m and lift upto 1.5 m.	cum	14.34		
9	5.2.2	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. 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) a) Footing / foundation.	cum	1.51		
		b) Beam / column.	cum	2.91		
11	5.9.1	Centering and shuttering including strutting, propping etc. And removal of form for : Foundations, footings, bases of columns, etc. For mass concrete.	sqm	110.88		
12	5.9.2	Centering and shuttering including strutting, propping etc. And removal of form for : Walls (any thickness) including attached pilasters, butteresses, plinth and string courses etc	sqm	322.5		
13	5.9.16.1	Edges of slabs and breaks in floors and walls. Under 20 cm wide	mts	510		
14	4.3.2	Centering and shuttering including strutting, propping etc. And removal of form work for : Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, beams and columns, plinth and string courses fillets etc.	sqm	20.79		
15	5.22.1	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete. Mild steel and Medium Tensile steel bars.	kg	534.66		

16	10.2	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete:	kg	226		
17	11.3.1	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete. 40mm thick with 20mm nominal size stone aggregate.	sqm	84		
18	6.4.2	Brick work with F.P.S. bricks of class designation 75 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)	cum	57.71		
19	NS	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level and above: 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), 75mm thick coping with embeded broken glass.	cum	4.39		
20	13.5.2	15 mm cement plaster on rough side of single or half brick wall of mix : 1:6 (1 cement: 6 coarse sand)	sqm	250.94		
21	NS	Providing, laying & fixing of PVC pipe 100mm dia for perforation	rm	170		