

**SCHEDULE-A**

**Name of Work: A/R & M/O CPRI Office Campus at Sadashivanagar, Bengaluru 2025-26.  
SH: Providing and laying Reinforced Cement Concrete for 300kA test bay and creation of Storm Water Drain with cattle grill cover across the southern side gate of test bay and allied civil works in High Power Laboratory.**

Item .No.	Description of Item	Unit	Quantity	Rate (Rs.)		Amount (Rs.)
				In fig.	In words	
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.					
a	All kinds of soil	Cum	8.00			
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :					
a	1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	Cum	3.00			
3	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with :					
a	Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	4.00			
4	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, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing:					

a	1:2:4 (1 Cement : 2 coarse sand derived from natural sources: 4 graded stone aggregate 20 mm nominal size derived from natural sources)	Cum	4.00			
5	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	Cum	55.00			
6	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead	kg	4000.00			
7	Disposal of moorum/ building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10km for all lifts, complete as per directions of Engineer-in-charge.					
	Note - item to be applicable in urban areas having directions for restricted hours for movement/ plying of load carrying motor vehicle of 3.5 cum or more	Cum	80.00			
8	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.					
a	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	4500.00			
9	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources and using recycled concrete aggregate (RCA) as coarse aggregate and fine aggregate within permissible utilization of 20% each, Portland Pozzolana /Ordinary Portland/Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for					

	all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. All works upto plinth level					
a	Concrete of M25 grade with minimum cement content of 330 kg /cum	Cum	55.00			
10	Centering and shuttering including strutting, propping etc. and removal of form work for :					
a	Foundations, footings, bases for columns	Sqm	4.00			
11	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	9000.00			
	<b>CIVIL TOTAL</b>					
	( Rupees <span style="float: right;">Only )</span>					
					SIGNATURE OF THE CONTRACTOR	
	Joint Director					