

SCHEDULE OF QUANTITY

Name of work:- Construction of Shed at National Institute of Homeopathy(NIH) Herbal garden, Kalyani during 2026-27.

SLN o	Description	Qty	Unit	Rate	Amount	DSR Code 2023
1	By Mechanical Transport including loading,unloading and stacking					
1.1	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 10 km for all lifts, complete as per directions of Engineer-in-charge.	10.00	cum	494.10	4941.00	1.1.18
2	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and for all lift, as directed by Engineer-in-charge.					2.6
2.1	All kinds of soil	5.50	cum	177.50	976.00	2.6.1
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :					4.1
3.1	1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	4.00	cum	7878.50	31514.00	4.1.3
3.2	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)	3.50	cum	6812.00	23842.00	4.1.8
4	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. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :					5.2
4.1	1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	3.00	cum	10852.95	32559.00	5.2.2
5	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.					5.22A
5.1	Thermo-Mechanically Treated bars of grade Fe-500D or more.	120.00	Kg	107.85	12942.00	5.22A.6
6	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 :					6.4
6.1	Cement mortar 1:6 (1 cement : 6 coarse sand)	9.50	cum	9105.95	86507.00	6.4.2
7	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.					10.16
7	Hot finished welded type tubes	700.00	Kg	194.40	136080.00	10.16.1
8	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.					12.41
8.1	110 mm diameter	9.50	metre	377.40	3585.00	12.41.2
9	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete.					12.43
9.1	110 mm	6.00	each	371.30	2228.00	12.43.2

10.0	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-Charge) of total coated thickness 0.50mm (base metal of minimum 0.45mm thickness with total coating thickness of 0.05mm) with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	90.00	Sqm	738.65	66479.00	12.50
11	Providing and fixing precoated galvanised steel sheet roofing accessories of total coated thickness 0.50mm (base metal of minimum 0.45mm thickness with total coating thickness of 0.05mm) with Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete :					12.51
11.1	Gutter (600 mm over all girth)	25.00	Mtr	1313.70	32843.00	12.51.6
12	12 mm cement plaster of mix :					13.4
12.1	1:6 (1 cement: 6 coarse sand)	32.00	sqm	343.65	10997.00	13.4.2
13	15 mm cement plaster on rough side of single or half brick wall of mix:					13.5
13.1	1:6 (1 cement: 6 coarse sand)	32.00	sqm	395.35	12651.00	13.5.2
14	Finishing walls with ready mixed Premium acrylic emulsion paint (Company Depot Tinted) having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade with silicon additives.					13.48A
14.1	New work (Two or more coats applied @ 1.43 litre/ 10 sqm over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm.	72.00	sqm	181.25	13050.00	13.48A.1
15	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :					13.61
15.1	Two or more coats on new work	38.88	sqm	155.90	6061.00	13.61.1
	TOTAL				477255.00	
	Modified etimated cost after using correction factor on DSR'23 on account of GST @ 0.973	477255.00			464369.00	
	Add Cost Index @ 23.00% on DPAR'2023 items (As approved Cost index of Kolkata is 123 on DPAR-2023 (Base100) as on 01.10.2025 vide letter No.34 (1) /SDG(Kol) / Cost Index /2026/915 dated 19.05.2026)	464369.00			106805.00	
					571174.00	

SD/-

Assistant Engineer-II
KCSD-II/KCD-III
CPWD, CGO Complex, Salt Lake, Kol-064