

NAME OF WORK : CONSTRUCTION OF PHASE A LEFT OVER WORKS AT JNV DODA (J&K)**SUMMARY OF COST**

S.N.	Description	Amount as per Detailed Estimate		Remarks
		DSR-2023	Market Rate	
1	Construction of Boundary Wall with 1.8m height masonry work with 600mm dia concertina coil on top (Total length is 1546.39 m)	28807766.75	0	
2	Main Entry Gate along with Sentry Booth/ Guard Room	1315254.89	25030	
3	Mini Integrated Sports Complex	3781965.14	1563056	
4	Play field including Running Track of 200m	1157250	0	
5	Open Gym with 11 nos exercise equipment i.e. Multi Station Gym (Dip Station, Monkey Bars, Pull-up station, Push up Bar, Horse Rider, shoulder press, leg press, chest press), Elliptical Exerciser, Double cross walker, Triple Twister standing, Air Walker, Arm Wheel (shoulder wheel), Air Swing, Rowing Machine, Balance Beam, Weight assisted chest press, parallel bar along with Base of the area & all around CC Paver Block	0	3000000	
	SUB TOTAL	35,062,236.78	4,588,086.00	
	GRAND TOTAL		39,650,322.78	

**NAME OF WORK : PROPOSED JAWAHAR NAVODAYA VIDYALAYA ADDITIONAL/LEFT OVER
WORKS AT JNV DODA (J&K)**

SUMMARY OF COST BOUNDARY WALL WITH ENTRANCE GATE

S.N.	Description	DSR Amount	MR Amount
1	C/o Boundry Wall (1.80 mtr Height compound wall+ Concertina Coil fencing over compound wall with RCC Column 0.30x0.30). Boundary Wall Length = 1546.39 Meter.	28,807,766.75	
2	C/o Main Gate (RCC Frame Structure)	1,315,254.89	25,030.00
3	SUB - TOTAL(A)	30,123,021.64	25,030.00

**NAME OF WORK : PROPOSED JAWAHAR NAVODAYA VIDYALAYA ADDITIONAL/LEFT
OVER WORKS AT JNV DODA (J&K)**

ABSTRACT OF COST

(RCC Frame Structure Boundary Wall)

S.N.	DSR-23	Description	Quantity	Unit	Rate	DSR Amount
1	15.9	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 :				
	15.9.2	In cement mortar	229.28	Cum	2,458.95	563,788.00
2	15.34	Dismantling and stacking within 50 metres lead, fencing posts or struts including all earth work and dismantling of concrete etc. in base of:				
	15.34.1	T' or 'L' iron or pipe	516.00	Each	230.90	119,144.00
3	2.8	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.				
	2.8.1	All kinds of soil.	60.00	Cum	260.30	15,618.00
4	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 up to 1.5 m.	36.00	Cum	196.00	7,056.00
5	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:				
	4.1.10	1:5:10 (1 Cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size).	27.75	Cum	6,518.60	180,891.00
6	5.9	Centering and shuttering including strutting, propping				
	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete.	75.00	Sqm	392.15	29,411.00
7	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts.	1,719.69	Sqm	961.30	1,653,138.00
8	5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers.	1,192.60	Sqm	736.40	878,231.00
9	5.9.16	Edges of slabs and breaks in floors and walls.				
	5.9.16.1	Under 20 cm wide	3,092.78	Rmt	208.55	644,999.00

S.N.	DSR-23	Description	Quantity	Unit	Rate	DSR Amount
10	5.33	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. (Note :- Cement content considered in this item is @ 330 kg/cum. Excess/less cement used as per design mix is payable/recoverable separately).				
	5.33.1	All works up to plinth level.	238.11	Cum	9,504.75	2,263,176.00
11	5.33.2	All works above plinth level up to floor V level.	177.52	Cum	9,860.40	1,750,418.00
12	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete up to plinth level.				
	5.22.6	Thermo-Mechanically Treated bars.	62,344.50	Kg	107.85	6,723,854.00
13	7.1	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 :				
	7.1.1	Cement mortar 1:6 (1 cement : 6 coarse sand)	549.35	Cum	7,311.25	4,016,403.75
14	7.2	Random rubble masonry with hard stone in superstructure above plinth level and upto floor five level, including leveling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) at window sills, ceiling level and the like.				
	7.2.1	Cement mortar 1:6 (1 cement : 6 coarse sand)	576.12	Cum	9,275.45	5,343,772.00
15	13.33	Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand) :				
	13.33.2	Raised and cut pointing	5,009.72	Sqm	701.05	3,512,064.00
16	13.50	Applying priming coat :				
	13.50.3	With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/steel works	248.71	Sqm	67.40	16,763.00
17	13.61	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				
	13.61.1	Two or more coats on new work.	248.71	Sqm	155.90	38,774.00

S.N.	DSR-23	Description	Quantity	Unit	Rate	DSR Amount
18	16.53	Providing and fixing concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre openable length (total length 90 m) having 50 no rounds per 6 metre length, upto 3m height of wall with existing angle iron 'Y' shaped placed 2.4m or 3.00m apart and with 9 horizontal R.B.T. reinforced barbed wire, stud tied with G.I. staples and G.I. clips to retain horizontal including necessary bolts or G.I. barbed wire tied to angle iron, all complete as per direction of Engineer-in-charge, with reinforced barbed tape(R.B.T.) /Spring core (2.5mm thick) wire of high tensile strength of 165 kg/sq.mm with tape (0.52 mm thick) and weight 43.478gm/ metre (cost of M.S. angle, C.C. blocks shall be paid separately)	1,546.39	Rmt	375.80	581,133.00
19	16.19	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.	3,730.68	Kg	125.75	469,133.00
		SUB TOTAL CARRIED OVER TO SUMMARY				28,807,766.75
		SAY			Lacs	288.08

NAME OF WORK : PROPOSED JAWAHAR NAVODAYA VIDYALAYA ADDITIONAL/LEFT OVER WORKS AT JNV DODA (J&K)

Abstract

S.No.	DSR-23	Description	Quantity	Unit	Rate	DSR-23 Amount	MR Amount
1	2.8.1	Earth work in excavation by mechanical means (Hydraulic excavator) /	72.05	Cum	260.30	18,754.62	
2	2.25	Backfilling of Excavated Earth	43.23	Cum	196.00	8,473.08	
3	4.1.10	PCC 1:5:10 below Footings	3.77	Cum	6,518.60	24,575.12	
4	4.2.3	Coping 1:1.5:3	0.24	Cum	9,895.20	2,374.85	
5	5.33.1	Providing and laying design mix M-25 upto PL	9.86	Cum	9,504.75	93,716.84	
6	5.33.2	Providing and laying design mix M-25 above PL	12.95	Cum	9,860.40	127,692.18	
7	5.9.1	C/S for Mass concrete	25.81	Sqm	392.15	10,121.39	
8	5.9.6	C/S for Column	68.88	Sqm	961.30	66,214.34	
9	5.11.1	C&S of Extra for additional height over 3.5m	60.62	Sqm	384.30	23,296.27	
10	5.9.16.1	C/S for Edges	55.51	Sqm	208.55	11,576.61	
11	5.9.20	C/s for Slab	44.57	Sqm	1,028.40	45,835.79	
12	5.9.21	C/S for Beam	34.49	Sqm	841.95	29,038.86	
13	5.22.6	Reinforcement for RCC work	4,476.47	Kg	107.85	482,787.29	
14	6.4.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	2.99	Cum	9,105.95	27,226.79	
15	6.13.2	Half brick masonry 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.Cement mortar 1:4 (1 cement :4 coarse sand)	23.67	Sqm	1,123.80	26,600.35	
16	6.15	Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry.	23.67	Sqm	104.80	2,480.62	
17	10.13	Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee-sections, joints mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer.					
	10.13.1	Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	19.60	Kg	141.70	2,777.32	
18	10.11	Providing and fixing factory made ISI marked steel glazed doors, windows and ventilators, side /top /centre hung, with beading and all members such as F7D, F4B, K11 B and K12 B etc. complete of standard rolled steel sections, joints mitred and flash butt welded and sash bars tenoned and riveted, including providing and fixing of hinges, pivots, including priming coat of approved steel primer, but excluding the cost of other fittings, complete all as per approved design, (sectional weight of only steel members shall be measured for payment).					

S.No.	DSR-23	Description	Quantity	Unit	Rate	DSR-23 Amount	MR Amount
	10.11.1	Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	55.44	Kg	131.05	7,265.41	
19	10.30	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with :					
	10.30.1	4.0 mm thick glass panes	2.52	Sqm	1,064.65	2,682.92	
20	9.21	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters:					
	9.21.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	5.60	Sqm	2,392.65	13,398.84	
21	9.48	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.					
	9.48.1	Fixed to steel windows by welding	37.80	Kg	219.10	8,281.98	
22	9.96	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete :					
	9.96.2	200x10 mm	2.00	Each	260.60	521.20	
23	9.97	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :					
	9.97.3	200x10 mm	2.00	Each	99.70	199.40	
24	9.101	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.					
	9.101.2	Twin rubber stopper	2.00	Each	72.35	144.70	
25	10.15.1	Fixing with 15x3 mm lugs 10 cm. long.	623.42	Kg	195.20	121,691.58	
26	10.28	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	33.00	Kg	772.40	25,489.20	
27	12.41.2	PVC Rain Water Pipe	8.75	Rmt	377.40	3,302.25	
28	13.4	12 mm cement plaster of mix					
	13.4.2	1:6 (1 cement: 6 coarse sand)	17.28	Sqm	343.65	5,938.27	
29	13.5	15 mm cement plaster on rough side of single or half brick wall of mix:					

S.No.	DSR-23	Description	Quantity	Unit	Rate	DSR-23 Amount	MR Amount
	13.5.2	1:6 (1 cement: 6 coarse sand)	47.55	Sqm	395.35	18,798.89	
30	13.80	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	127.58	Sqm	156.05	19,908.86	
31	13.16.1	6mm Ceiling Plaster 1:3	62.75	Sqm	300.45	18,853.24	
32	13.41.1	Oil Bound Distemper	80.03	Sqm	185.65	14,857.57	
33	13.47.1	Preimum Acrylic Smooth Exterior Paint	47.55	Sqm	171.10	8,135.81	
34	13.50.2	With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)	11.20	Sqm	74.65	836.08	
35	13.50.3	With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/steel works	51.48	Sqm	67.40	3,469.75	
36	13.62.1	Synthetic Enamel Paint	62.68	Sqm	226.25	14,181.35	
37	11.26	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) :					
	11.26.1	25 mm thick.	5.09	Sqm	1,948.25	9,916.59	
38	16.3.9+ 2.25	Supply & Filling Good Earth Carriage 10Km	0.49	Cum	971.50	476.04	
39	2.27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	0.49	Cum	2,123.75	1,040.64	
40	1.8.3	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class pvc conduit, with piano type switch, phenolic laminated sheet, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.	9.00	Sqm	966.00	8,694.00	
41	1.14	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class pvc conduit as required.					
	1.14.1	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire.	20.00	Rm	146.00	2,920.00	
42	MR	Supply of 15W SURFACE MOUNTED LED with all accessories as per standard item..(Such as Panasonic ADL04R156 or Equivalent).	4.00	Rm	1,840.00		7,360.00
43	1.25	Supply and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	1.00	each	369.00	369.00	
44	MR	Supply of AC 230/250 volts, 50 HZ ceiling fan with standard down rod, blades, 2 nos. caps & regulator etc. ISI with 5 star marked & energy efficient complete as required. (Such as Havells Velocity/Velocitv HS or Equivalent).					
		1200 mm sweep	1.00	each	2,470.00		2,470.00

S.No.	DSR-23	Description	Quantity	Unit	Rate	DSR-23 Amount	MR Amount
45	1.45	Installation, testing and commissioning of ceiling fan including wiring the down rod of standard length (upto 30 cm.) with 1.5 sq. mm. FRLS PVC insulated, copper conductor, single core cable, including providing and fixing phenolic laminated sheet cover on the fan box etc. as required.	1.00	each	339.00	339.00	
46	MR	Supply, Installation, testing and commissioning Wipro Garnet 100W Cool Day White Square LED Flood Light, D910065 (Focus Light)	4.00	each	3,800.00		15,200.00
		Total				1,315,254.89	25,030.00

200 METER RUNNING TRACK

ABSTRACT OF COST

Sl. No.	DSR-2023	Description of Item	No	L	B	H	Qty.	Unit	Rate (In Rs.)	Amount On DSR (In Rs.)	Amount On NS (In Rs.)
1	2.25A	Excavating, supplying and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete.									
			1	100.00	50.00	0.30	1,500.00				
						Total	1,500.00	Cum	700.50	1,050,750.00	
2	2.8 DSR-Horticulture	Spreading of sludge, dump manure and/or good earth in required thickness as per direction of officer-in-charge (cost of sludge, dump manure and/ or good earth to be paid separately)									
			1	100.00	50.00	0.30	1,500.00	Cum	46.15	69,225.00	
3	16.2	Extra for compaction of earth work in embankment under optimum moisture conditions to give at least 95% of the maximum dry density					1,500.00	Cum	24.85	37,275.00	
		Total Cost Rs.								1,157,250.00	-

DETAILED ESTIMATE FOR CONSTRUCTION OF OPEN GYM**Abstract of cost for providing of Open Gym**

S.No	DSR2023 /NDSR	Item Name	Unit	Quantity	Amount
		Supply, Installation with civil works, Testing & Commissioning of the following			
1	NDSR	DIP STATION (With Base, [EN 16630 : 2015 Certified], (European Standard), Made of G.I. Pipe (Pipe Brand: Jindal))	1	No.	
2	NDSR	MONKEY BAR (With Base, [EN 16630 : 2015 Certified], (European Standard), Made of G.I. Pipe (Pipe Brand: Jindal))	1	No.	
3	NDSR	PULL UP STATION (With Base (6 Ft. - 7 Ft. Height), [EN 16630 : 2015 Certified], (European Standard), Made of G.I. Pipe (Pipe Brand: Jindal))	1	No.	
4	NDSR	PUSH UP BAR (With Base, [EN 16630 : 2015 Certified], (European Standard), Made of G.I. Pipe (Pipe Brand: Jindal))	1	No.	
5	NDSR	HORSE RIDER (With Base, [EN 16630 : 2015 Certified], (European Standard), Made of G.I. Pipe (Pipe Brand: Jindal))	1	No.	
6	NDSR	SHOULDER PRESS (With Base, [EN 16630 : 2015 Certified], (European Standard), Made of G.I. Pipe (Pipe Brand: Jindal))	1	No.	
7	NDSR	LEG PRESS (With Base, [EN 16630 : 2015 Certified], (European Standard), Made of G.I. Pipe (Pipe Brand: Jindal))	1	No.	
8	NDSR	CHEST PRESS (With Base, [EN 16630 : 2015 Certified], (European Standard), Made of G.I. Pipe (Pipe Brand: Jindal))	1	No.	
9	NDSR	ELLIPTICAL EXERCISER (With Base, [EN 16630 : 2015 Certified], (European Standard), Made of G.I. Pipe (Pipe Brand: Jindal))	1	No.	
10	NDSR	DOUBLE CROSS WALKER (With Base, [EN 16630 : 2015 Certified], (European Standard), Made of G.I. Pipe (Pipe Brand: Jindal))	1	No.	
11	NDSR	TRIPPLE TWISTER STANDING (With Base, [EN 16630 : 2015 Certified], (European Standard), Made of G.I. Pipe (Pipe Brand: Jindal))	1	No.	3,000,000.00
12	NDSR	AIR WALKER (With Base, [EN 16630 : 2015 Certified], (European Standard), Made of G.I. Pipe (Pipe Brand: Jindal))	1	No.	

13	NDSR	ARM WALKER (With Base, [EN 16630 : 2015 Certified], (European Standard), Made of G.I. Pipe (Pipe Brand: Jindal))	1	No.
14	NDSR	ARM WHEEL (SHOULDER WHEEL) (With Base, [EN 16630 : 2015 Certified], (European Standard), Made of G.I. Pipe (Pipe Brand: Jindal))	1	No.
15	NDSR	AIR SWING (With Base, [EN 16630 : 2015 Certified], (European Standard), Made of G.I. Pipe (Pipe Brand: Jindal))	1	No.
16	NDSR	ROWING MACHINE (With Base, [EN 16630 : 2015 Certified], (European Standard), Made of G.I. Pipe (Pipe Brand: Jindal))	1	No.
17	NDSR	BALANCE BEAM (With Base, [EN 16630 : 2015 Certified], (European Standard), Made of G.I. Pipe (Pipe Brand: Jindal))	1	No.
18	NDSR	WEIGHT ASSISTED CHEST PRESS (With Base, [EN 16630 : 2015 Certified], (European Standard), Made of G.I. Pipe (Pipe Brand: Jindal))	1	No.
19	NDSR	PARALLEL BAR (With Base, [EN 16630 : 2015 Certified], (European Standard), Made of G.I. Pipe (Pipe Brand: Jindal))	1	No.
20		Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge- all around	1800	Sqm
		Total		
				3,000,000.00