



Affiliation No. - 3430111

School No. - 66307

PS Cell Code - JH-037

PVSS DAV PUBLIC SCHOOL

JHUMRI TELAIYA, DIST. - KODERMA (JHARKHAND) 825 409

Ref. No.: DAV/KDM/2025-26/711

Date: 28/11/2025

'Tender Notice'

We hereby invite a Tender for CONSTRUCTION OF BOUNDRY WALL IN FRONT OF SCHOOL:

SIZE: (1) EAST SIDE OF BOUNDRY WALL - RUNNING LENGTH: 60' & HEIGHT: 7' AND FOUNDATION (AS PER ESTIMATE AND DRAWING)

(2) SOUTH SIDE OF BOUNDRY WALL - RUNNING LENGTH: 65' & HEIGHT: 10' AND FOUNDATION (AS PER ESTIMATE AND DRAWING)(Note: 3' DOWN EARTH FROM EAST SIDE)

A. CIVIL WORKS:

1. EARTH WORK IN EXCAVATION IN FOUNDATION Trenches in ordinary soil (vide classification of soil item -A) and disposal of excavated earth as obtained to a distance upto 50 M including all lift, leveling ramming the foundation trenches, removing roots of tree shrubs all complete as per approved design, building specification and direction of E/I.

2. FILLING IN FOUNDATION TRENCHES AND PLINTH in layers not exceeding 150 mm thick well watered, rammed, fully compacted and fine dressed with earth obtained from excavation foundation trenches within a lead of 50 M and lift of 1.5 M all complete as per building specification and direction of E/I. (mode of measurement compacted volume).

3. Providing coarse clean local SAND IN FILLING in foundation trenches or in plinth including ramming and watering in layer not exceeding 150 mm thick with all leads and 1.5 M lifts including cost of all materials, labours, royalty and taxes all complete as per building specification and direction of Engineer Incharge (Mode of measurement compacted volume).

4. 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 (zone-III) : 6 graded stone aggregate 20 mm nominal size).

5. Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size).

6. 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 : 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size).

7. Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement: 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size).

8.Centering and shuttering including strutting, propping etc. and removal of form for-Foundation, footings, bases of columns etc.

9. Providing tor steel reinforcement TMT FE 500 of following dia. rods as per approved design and drawing including carriage of bars to work site, cutting, bending and binding with annealed wire with cost of wire, removal of rust placing the rods in position all complete as per building specification and direction and direction of E/I.
(ONLY VALID FOR JSPL (PANTHER), AND RUNGTA STEEL)

10. Providing designation 75A brick work in C.M. (1:6) in foundation & plinth with approved quality of clean coarse sand of F.M. 2 to 2.5 including providing 10mm. thick mortar joints, cost of screening materials raking out joints to 15mm depth , curing, taxes & royalty all complete as per building specification & direction of E/I.

11. Providing designation 75 A BRICK WORK in CM. (1:6) in SUPERSTRUCTURE with approved quality of clean coarse & of F.M. 2.5 including providing 10mm thick mortar joints cost of screening, racking out joints to 15 mm depth, curing, taxes and royalty all complete as per building specification and direction of Engineer Incharge.

Cont. in Pg. No. 2

MANAGED BY : DAV COLLEGE MANAGING COMMITTEE, CHITRA GUPTA ROAD, NEW DELHI

School Details : Affiliated to CBSE, New Delhi upto +2 level

Phone : 7482077575, E-mail : pvssdavkoderma@gmail.com, Website : www.davkodarma.com



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JHUMRI TELAIYA, DIST. - KODERMA (JHARKHAND) 825 409

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12. Providing 12 mm Thk. cement plaster(1:6) on inside walls with clean course sand of FM-1.5 including screening, curing with all leads & lifts of water, scaffolding taxes & royalty all complete as per building specification and direction of E/I.

13. Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.

In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works use of chequered plate wherever required, all complete.

14. Providing and fixing **concertina coil fencing** with punched tape concertina coil 600 mm dia 10 metre openable length (total length 90 m), having 50 nos rounds per 6 metre length, upto 3 m height of wall with existing angle iron 'Y' shaped placed 2.4 m or 3.00 m 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 43.478 gm/ metre (cost of M.S. angle, C.C. blocks shall be paid separately).

B. FINISHING WORKS :

15. Providing two coat of **snowcem** of approved shade and make over a coat of cement of primer on new surface including preparing the plastered surface smooth with sand paper, soaping, curing and taxes all complete as per building specification and direction of E/I.

16. Providing 2 coats of **SYNTHETIC ENAMEL PAINT** of approved shade and make over **STEEL SURFACE** grills & railings including cleaning the surface thoroughly scaffolding and taxes all complete as per building specification and direction of E/I.

17. CARRAIGE OF BASIC MATERIALS (AS/ SOR)

- (A) LOCAL SAND
- (B) COARSE SAND
- (C) STONE CHIPS
- (D) BRICKS

Note:

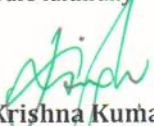
- (i) The sealed quotation must be sent through Registered / Speed Post only.
- (ii) Please mention the applicable GST.

(ii) Work is to be finished as per estimate and drawing (Attached herewith).

- (iii) The school may cancel the quotation, if it finds any discrepancy and error, without assigning any reason.

Thanking you,

Yours faithfully


(Krishna Kumar Singh)
Headmaster
Headmaster

PVSS DAV Public School
Jhumri Telaiya, Koderma- 825409
(Jharkhand, Affl. No. 3430111)

MANAGED BY : DAY COLLEGE MANAGING COMMITTEE, CHITRA GUPTA ROAD, NEW DELHI

School Details : Affiliated to CBSE, New Delhi upto +2 level

Phone : 7482077575, E-mail : pvssdavkoderma@gmail.com, Website : www.davkodarma.com

**ABSTRACT OF QTY. & DETAIL ESTIMATES OF PROPOSED CONSTRUCTION OF
"BOUNDARY WALL (60'-0" + 65'-0") FOR
"PVSS DAV PUBLIC SCHOOL"**

AT - JHUMRI TELAIYA, KODERAMA

THE RATES OF ITEMS ARE BASED ON CURRENT JHARKHAND S.O.R., 2022, & MARKET RATE (WHICH ARE NOT IN SOR)

CIVIL WORKS										
SL. No.	SOR No.	DESCRIPTION	DETAIL OF QTY. (FT./M)				TOTAL QTY.	UNIT	RATE	AMOUNT
			NOS.	LENGTH	WIDTH	HEIGHT/DEPTH				
1.	5.1.1+5.1.2	EARTH WORK IN EXCAVATION IN FOUNDATION Trenches in ordinary soil (vide classification of soil item -A) and disposal of excavated earth as obtained to a distance upto 50 M including all lift, leveling ramming the foundation trenches, removing roots of tree shrubs all complete as per approved design, building specification and direction of E/I.								
		IN FOUNDATION-								
		65' BOUNDARY WALL -	6	4.00	4.00	4.000	384.00	C.FT.		
		60' BOUNDARY WALL -	6	4.00	4.00	4.000	384.00	C.FT.		
		TRENCH FOR TIE BEAM -	1	85.00	5.50	1.000	467.50	C.FT.		
							1235.50	C.FT.		
							34.96	CUM	167.33	5,849.86
2.	5.1.7	FILLING IN FOUNDATION TRENCHES AND PLINTH in layers not exceeding 150 mm thick well watered, rammed, fully compacted and fine dressed with earth obtained from excavation foundation trenches within a lead of 50 M and lift of 1.5 M all complete as per building specification and direction of E/I. (mode of								
		IN FOUNDATION TRENCHES + FILLING IN OUTSIDE OF BUILDING TO RAISE G.L.					34.96	CUM	55.28	1,932.59
3.	5.1.10	Providing coarse clean local SAND IN FILLING in foundation trenches or in plinth including ramming and watering in layer not exceeding 150 mm thick with all leads and 1.5 M lifts including cost of all materials, labours, royalty and taxes all complete as per building specification and direction of Engineer Incharge (Mode of measurement compacted volume)								
		IN FOUNDATION-								
		65' BOUNDARY WALL -	6	4.00	4.00	0.250	24.00	C.FT.		
		60' BOUNDARY WALL -	6	4.00	4.00	0.250	24.00	C.FT.		
			12				48.00	C.FT.		
							1.36	CUM	589.51	801.73
4.	5.3.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :								
	5.3.1.4	1:3:6 (1 cement : 3 coarse sand (zone-III) : 6 graded stone aggregate 20 mm nominal size)								
		IN FOUNDATION-								
		65' BOUNDARY WALL -	6	4.00	4.00	0.250	24.00	C.FT.		
		60' BOUNDARY WALL -	6	4.00	4.00	0.250	24.00	C.FT.		
			12				48.00	C.FT.		
							1.36	CUM	4125.41	5,610.56
5.	5.3.9	Providing and laying in position specified grade of reinforced cement concrete , excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :								
	5.3.9.1	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size)								
		IN FOUNDATION , ISOLATED								
		BOUNDARY WALL - 65'	6	3.500	3.500	0.583	42.87	C.FT.		
		TAPER PORTION (A1+A2+SQRT A1A2)*h/3-	6	16.864	0.333	0.750	25.30	C.FT.		
		PEDESTAL FOR COL. - 10"X15"	6	0.833	1.250	0.000	0.00	C.FT.		

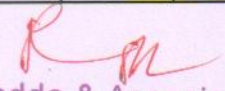
R. S. M. 2
Chadda & Associates
Architects & Urban Planners
Ashok Nagar Road, Ranchi

SL. No.	SOR No.	DESCRIPTION	DETAIL OF QTY. (FT./M)				TOTAL QTY.	UNIT	RATE	AMOUNT
			NOS.	LENGTH	WIDTH	HEIGHT/DEPTH				
		BOUNDARY WALL - 60'	6	3.500	3.500	0.500	36.75	C.FT.		
		TAPER PORTION (A1+A2+SQRT A1A2)*h/3-	6	16.864	0.333	0.500	16.86	C.FT.		
		PEDESTAL FOR COL. - 10"X15"	6	0.833	1.250	0.000	0.00	C.FT.		
			13				121.78	C.FT.	I	
		COL. UPTO FINISHED G.L.								
		BOUNDARY WALL 65' -	5	0.83	1.25	5.17	26.91	C.FT.		
		BOUNDARY WALL - 60'	5	0.83	1.25	2.17	11.28	C.FT.		
							38.19	C.FT.	II	
		TIE BEAM								
		BOUNDARY WALL 65' -	1	60.00	0.83	1.17	58.33	C.FT.		
		PROJ. FROM BEAM -	1	60.00	0.83	0.50	25.00	C.FT.		
		BAND @ UPPER LEVEL -	1	60.00	0.83	0.33	16.67	C.FT.		
		BOUNDARY WALL - 60'	1	55.00	0.83	1.17	53.47	C.FT.		
							153.47	C.FT.		
		I+II+III =					313.45	C.FT.	III	
							8.87	CU.M	5218.00	46,283.66
6.	5.3.10	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 : 1:1.5:3 (1								
		COL. IN SUPERSTRUCTURE								
		BOUNDARY WALL 65' -	6	0.83	1.25	8.00	50.00	C.FT.		
		BOUNDARY WALL - 60'	6	0.83	1.25	8.00	50.00	C.FT.		
			12				100.00	C.FT.		
							2.83	CU.M	6082.45	17,213.33
7.	5.3.11	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels , bands , plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size).								
		LINTEL BAND								
		OVER WALL -	1	115.00	1.25	0.33	47.92	C.FT.		
		TOTAL =					47.92	C.FT.		
							1.36	CU.M	6308.87	8,580.06
8.	5.3.17	Centering and shuttering including strutting, propping etc. and removal of form for -								
	(a) 5.3.17. 1	Foundation, footings, bases of columns etc.								
		shuttering taken @ 5m2/m3								
		qty. of r.c.c. in found'n		3.45	5.00		17.23	SQ.M.		
		qty. of P.c.c. in found'n					17.23	SQ.M.	194.50	3,351.73
	(b) 5.3.17. 6	Columns								
		shuttering taken @ 10m2/m3								
		qty. of r.c.c. in COL. -		3.91	10.00		39.11	SQ.M.		
							39.11	SQ.M.	465.38	18,200.56
	(d) 5.3.17. 5	Beams, plinth beams,-								
		qty. of r.c.c. in Lintel band -		1.36	12.00		16.32	SQ.M.		
		shuttering taken @ 12m2/m3					16.32	SQ.M.	363.97	5,939.99
		TOTAL QTY. =					16.32	SQ.M.	363.97	5,939.99

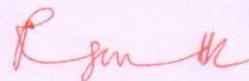


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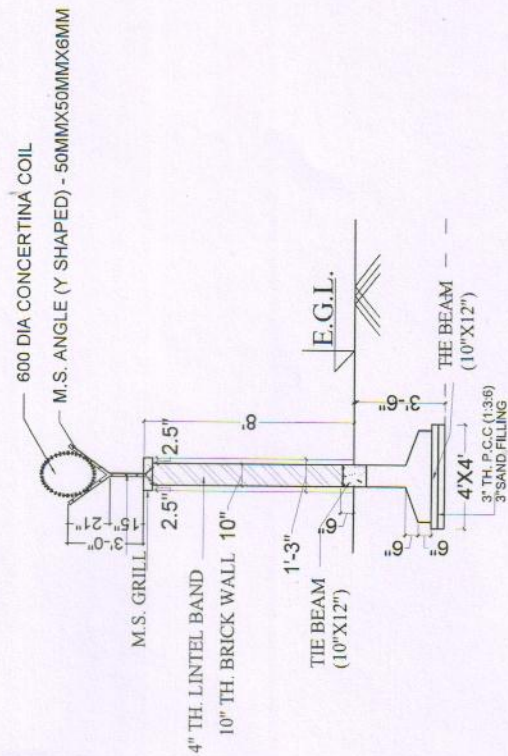
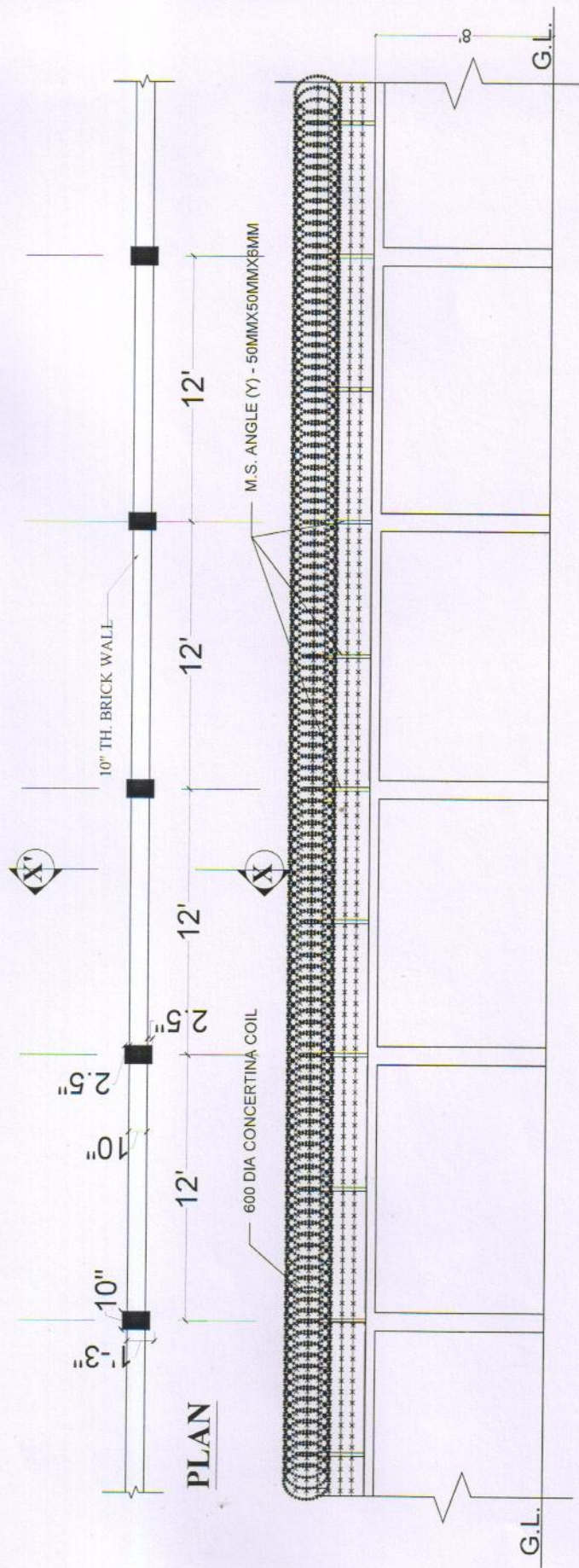
SL. No.	SOR No.	DESCRIPTION	DETAIL OF QTY. (FT./M)				TOTAL QTY.	UNIT	RATE	AMOUNT
			NOS.	LENGTH	WIDTH	HEIGHT/DEPTH				
9.	M.R.	Providing tor steel reinforcement TMT FE 500 of following dia. rods as per approved design and drawing including carriage of bars to work site, cutting, bending and binding with annealed wire with cost of wire, removal of rust placing the rods in position all complete as per building specification and direction and direction of E/I. (ONLY VALID FOR JSPL (PANTHER), AND RUNGTA STEEL)								
		UPTO PLINTH -		8.87		CUM				
		ABOVE PLINTH -		4.19		CUM				
		TOTAL =		13.06		CUM				
				461.48		C.FT.				
		STEEL @ 4.5 KG/C.FT.	CFT	461.48	4.50	2076.68		2	M.T.	
		TOR 8 MMDIA. TO 32 MM DIA.					2.00	MT	61985.00	123,970.00
10.	5.2.3.	Providing designation 75A brick work in C.M. (1:6) in foundation & plinth with approved quality of clean coarse sand of F.M. 2 to 2.5 including providing 10mm. thick mortar joints, cost of screening materials raking out joints to 15mm depth, curing, taxes & royalty all complete as per building specification & direction of E/I.								
		OVER TIE BEAM -								
		BOUNDARY WALL 65' - UP TO G.L. -	1	60.00	1.33	3.00	240.00	C.FT.		
							240.00	C.FT.		
							6.79	CU.M	5,439.85	36,936.58
11.	5.2.11	Providing designation 75 A BRICK WORK in CM. (1:6) in SUPERSTRUCTURE with approved quality of clean coarse & of F.M. 2.5 including providing 10mm thick mortar joints cost of screening, racking out joints to 15 mm depth, curing, taxes and royalty all complete as per building specification and direction of Engineer								
		ABOVE G.L., BOUNDARY WALL 60' -	1	60.00	0.83	8.00	400.00	C.FT.		
		BOUNDARY WALL 60' -	1	55.00	0.83	8.00	366.67	C.FT.		
		REPAIRING WORKS -	2	1.50	0.83	8.00	20.00	C.FT.		
							786.67	C.FT.		
							22.26	CU. M	5573.67	124,069.89
12.	5.7.3	Providing 12 mm Thk. cement plaster(1:6) on inside walls with clean coarse sand of FM-1.5 including screening, curing with all leads & lifts of water, scaffolding taxes & royalty all complete as per building specification and direction of E/I								
		BOUNARY WALL -	1	65.00	1.00	11.83	781.00	S.FT.		
			1	65.00	1.00	8.00	528.00	S.FT.		
			2	60.00	1.00	8.83	1077.67	S.FT.		
			2	1.50		8.83	26.50	S.FT.		
			12	0.83		8.83	88.33	S.FT.		
			6	0.83		3.00	15.00	S.FT.		
							2516.50	S.FT.		
							233.78	SQ.M.	165.80	38,760.72
13.	M.R.	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.								
		In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works use of chequered plate wherever required, all complete								
		M.S. ANGLE - 50X50X6	18	5.00	90	RFT				
					27.43	M				
		WT. = 4.5KG/M =					123.44	KG		
							123.444	KG	150.00	18,516.60


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			NOS.	LENGTH	WIDTH	HEIGHT/DEPTH				
14.	M.R.	Providing and fixing concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre openable length (total length 90 m), having 50 nos rounds per 6 metre length, upto 3 m height of wall with existing angle iron 'Y' shaped placed 2.4 m or 3.00 m 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 43.478 gm/ metre (cost of M.S. angle, C.C. blocks shall be paid separately)								
			1	125.00			38.10	M	375.00	14,287.50
		FINISHING WORKS								
15.	5.8.24	Providing two coat of snowcem of approved shade and make over a coat of cement of primer on new surface including preparing the plastered surface smooth with sand paper, soaping, curing and taxes all complete as per building specification and direction of E/I.								
		PLASTER -					233.78	SQ.M		
							233.78	SQ.M		
							233.78	SQ.M	109.07	25,498.38
16.	5.8.45	Providing 2 coats of SYNTHETIC ENAMEL PAINT of approved shade and make over STEEL SURFACE grills & railings including cleaning the surface thoroughly scaffolding and taxes all complete as per building specification and direction of E/I.								
		M.S. GATE -	60	3.33	1.00		199.80	S.FT		
							199.80	S.FT.		
							18.56	SQ.M	66.04	1,225.70
17.		CARRAIGE OF BASIC MATERIALS (AS/ SOR)								
	(A)	LOCAL SAND					1.36	CU.M	98.64	134.15
	(B)	COARSE SAND					20.00	CU.M	169.20	3,384.00
	(C)	STONE CHIPS					14.00	CU.M	290.16	4,062.24
	(D)	BRICKS					12.00	0%	741.20	8,894.40
									TOTAL= ₹	513,504.25
		ADD 20% FOR PRICE ESCALATION (RATES ARE SOR 2022)								102,700.85
									TOTAL= ₹	616,205.09
		ADD GST @ 18% =								110,916.92
									TOTAL= ₹	727,122.01
									SAY= Rs.	727,000.00
		₹ SEVEN LAKH TWENTY SEVEN THOUSAND ONLY.								



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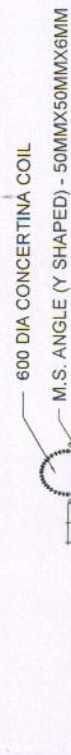


ELEVATION

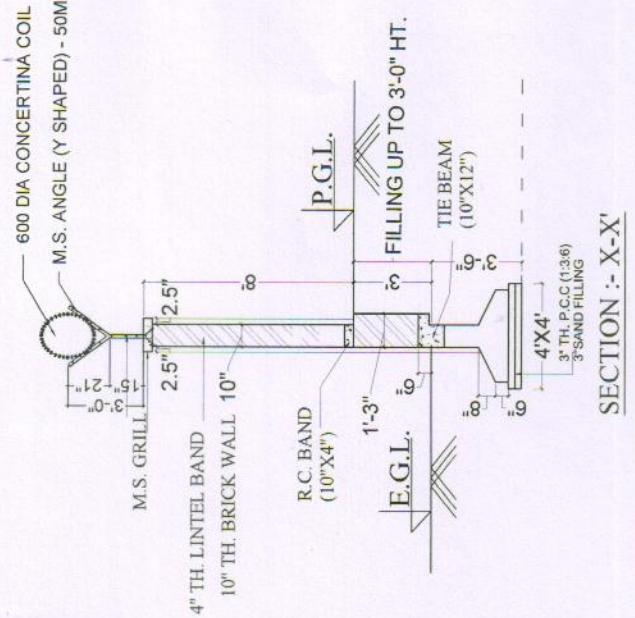
SECTION :- X-X'

PROPOSED BOUNDARY WALL
FOR PVSS DAV PUBLIC SCHOOL
AT - JHUMRI TELAIYA, KODERAMA

CHADDA & ASSOCIATES
Architect & Urban Planner
Main Road, Ranchi
Phone 0651-2330362



600 DIA CONCERTINA COIL



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