



Affiliation No. - 3430111
School No. - 66307
PS Cell Code - JH-037

PVSS DAV PUBLIC SCHOOL

JHUMRITELAIYA, DIST. - KODERMA (JHARKHAND) 825 409

Sr. Secondary English Medium Co-Educational School
(Affiliated to the Central Board of Secondary Education, Delhi)

Ref. No.: DAV/KDM/2025-26/222

Date: 02/06/2025

'Tender Notice'

We hereby invite a Tender for the construction work of "Boundary Wall, Gate (2 nos.) +1 for Pedestrian & Guard Room" as per the drawing & estimate for the school.

Note: Work to be finished as per the drawing and estimate attached herewith.

Interested party may furnish the quoted rate with GST and other charges(if any) in a sealed envelope latest by 23/06/2025 through Registered/Speed Post.


(Krishna Kumar Singh)

Headmaster

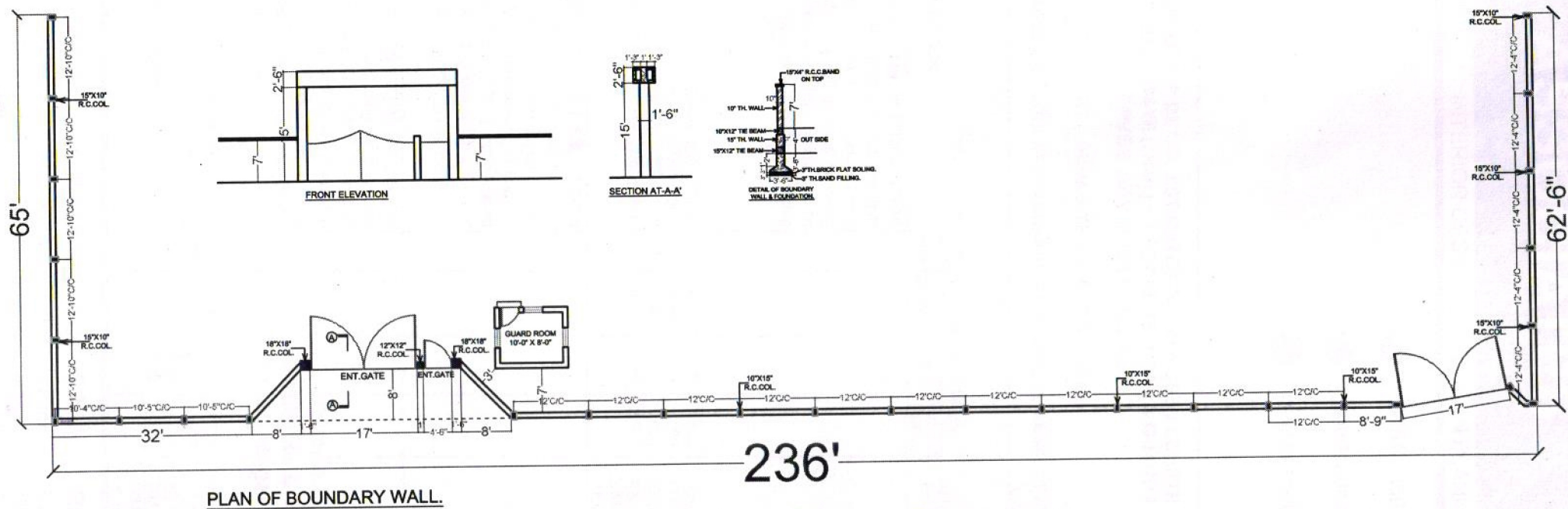
Headmaster

PVSS DAV Public School

Jhumri Telaiya, Koderma- 825409

Jharkhand, Affil. No.- 3430111

Note: The school may cancel this tender notice at any time without assigning any reason, if it deems necessary.



PROPOSED BOUNDARY WALL OF D.A.V. KODERMA.

CHADDA & ASSOCIATES
ARCHITECTS & URBAN PLANNERS
 ASHOK NAGAR ROAD, RANCHI
 PHONE : 0651-246046

**ABSTRACT OF QTY. & DETAIL ESTIMATES OF PROPOSED CONSTRUCTION OF
"BOUNDARY WALL, GATE (2Nos.) + 1 FOR PEDESTRIAN & GUARD ROOM" 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-								
		BOUNDARY WALL -	29	4.00	4.00	3.500	1624.00	C.FT.		
		GATE COL. -	2	6.50	6.50	5.000	422.50	C.FT.		
			2	5.50	5.50	5.000	302.50	C.FT.		
		R.C.C. STRIP FOR GUARD RM -	1	40.83	3.00	2.500	306.25	C.FT.		
							2655.25	C.FT.		
							75.14	CU.M		
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 measurement compacted volume)								
		IN FOUNDATION TRENCHES + FILLING IN OUTSIDE OF BUILDING TO RAISE G.L.								
							75.14	CU.M		
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-								
		BOUNDARY WALL -	29	4.00	4.00	0.250	116.00	C.FT.		
		GATE COL. -	2	6.50	6.50	0.250	21.13	C.FT.		
			2	5.50	5.50	0.250	15.13	C.FT.		
		R.C.C. STRIP FOR GUARD RM -	1	40.83	3.00	0.250	30.63	C.FT.		
			34				182.89	C.FT.		
							5.18	CU.M		

SL. No.	SOR No.	DESCRIPTION	DETAIL OF QTY. (FT./M)				TOTAL QTY.	UNIT	RATE	AMOUNT
			NOS.	LENGTH	WIDTH	HEIGHT/DEPTH				
4.	5.6.1	Providing designation 75-A, BRICK FLAT SOLING joints filled with local sand including cost of watering,taxes and royalty all complete as per building specification and direction of Engineer Incharge								
							100.00	S.FT.		
							9.29	SQ.M.		
5.	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-								
		BOUNDARY WALL -	29	4.00	4.00	0.250	116.00	C.FT.		
		GATE COL. -	2	6.50	6.50	0.250	21.13	C.FT.		
			2	5.50	5.50	0.250	15.13	C.FT.		
		R.C.C. STRIP FOR GUARD RM -	1	40.83	3.00	0.250	30.63	C.FT.		
			34				182.89	C.FT.		
							5.18	CU.M		
6.	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 -	29	3.500	3.500	0.500	177.63	C.FT.		
		TAPER PORTION (A1+A2+SQRT A1A2)*h/3-PEDESTAL FOR COL. - 10"X15"	29	16.864	0.333	0.500	81.51	C.FT.		
			29	0.833	1.250	0.000	0.00	C.FT.		
		GATE COL. -	2	6.000	6.000	0.750	54.00	C.FT.		
		TAPER PORTION (A1+A2+SQRT A1A2)*h/3-PEDESTAL FOR COL. - 12"X24"	2	46.485	0.333	0.750	23.24	C.FT.		
			2	1.000	2.000	0.000	0.00	C.FT.		
		GATE COL. -	2	5.000	5.000	0.750	37.50	C.FT.		
		TAPER PORTION (A1+A2+SQRT A1A2)*h/3-PEDESTAL FOR COL. - 12"X24"	2	34.071	0.333	0.750	17.04	C.FT.		
			2	1.000	2.000	0.000	0.00	C.FT.		
		R.C.C. STRIP FOR GUARD RM -	1	40.833	2.500	0.500	51.04	C.FT.		
		TAPER PORTION-	1	40.833	1.875	0.250	19.14	C.FT.		
			35				461.09	C.FT.	I	
		COL. UPTO FINISHED G.L.								
		BOUNDARY WALL -	29	0.83	1.25	6.00	181.25	C.FT.		
		GATE COL. -	4	1.00	2.00	7.00	56.00	C.FT.		
		STIFFENERS FOR GUARD RM -	6	0.83	0.83	5.25	21.88	C.FT.		
							259.13	C.FT.	II	
		TIE BEAM								
		LOWER LVL. -	1	302.00	1.25	0.83	314.58	C.FT.		
		@ FINISHED G.L. -	1	302.00	0.83	1.00	251.67	C.FT.		
		FOR GATE BUSH FIXING -	5	1.00	1.25	1.25	7.81	C.FT.		
							574.06	C.FT.		
		I+II+III =					1294.28	C.FT.	III	
							36.63	CU.M		

SL. No.	SOR No.	DESCRIPTION	DETAIL OF QTY. (FT./M)				TOTAL QTY.	UNIT	RATE	AMOUNT
			NOS.	LENGTH	WIDTH	HEIGHT/ DEPTH				
7.	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 -	29	0.83	1.25	7.00	211.46	C.FT.		
		GATE COL. -	4	1.00	2.00	15.00	120.00	C.FT.		
		STIFFENERS FOR GUARD RM -	6	0.83	0.83	9.00	37.50	C.FT.		
			39				368.96	C.FT.		
							10.44	CU.M		
8.	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).								
		BEAM-								
		GATE	1	25.50	1.00	2.50	63.75	C.FT.		
		GUARD RM -	1	10.00	0.83	1.00	8.33	C.FT.		
							72.08	C.FT.		
							2.04	CU.M		
9.	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).								
		ROOF SLAB								
		GATE SLAB PROJ. -	4	25.50	1.25	0.333	34.00	C.FT.		
		GUARD RM -	1	102.00		0.375	38.25	C.FT.		
							72.25	C.FT.		
							2.04	CU.M		
10.	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	302.00	1.25	0.33	125.83	C.FT.		
		TOTAL =					125.83	C.FT.		
							3.56	CU.M		

SL. No.	SOR No.	DESCRIPTION	DETAIL OF QTY. (FT./M)				TOTAL QTY.	UNIT	RATE	AMOUNT
			NOS.	LENGTH	WIDTH	HEIGHT/ DEPTH				
11.	5.3.17	Centering and shuttering including struting, 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		13.05	5.00		65.24	SQ.M.		
		qty. of P.c.c. in found'n								
							65.24	SQ.M.		
	(b) 5.3.17. 6	Columns								
		shuttering taken @ 10m2/m3								
		qty. of r.c.c. in COL. -		17.77	10.00		177.75	SQ.M.		
							177.75	SQ.M.		
	(C) 5.3.17. 3	ROOF SLAB								
		shuttering taken @ 9m2/m3								
		qty. of r.c.c. in SLAB		2.04	9.00		18.36	SQ.M.		
							18.36	SQ.M.		
	(d) 5.3.17. 5	Beams, plinth beams,-								
		qty. of r.c.c. in BEAM -		18.29	11.00		201.15	SQ.M.		
		shuttering taken @ 11m2/m3								
		qty. of r.c.c. in Lintel band -		3.56	12.00		42.72	SQ.M.		
		shuttering taken @ 12m2/m3								
		TOTAL QTY. =					243.87	SQ.M.		
12.	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								
		UPTO PLINTH -		36.63	CUM					
		ABOVE PLINTH -		18.08	CUM					
		TOTAL =		54.71	CUM					
				1933.27	C.FT.					
		STEEL @ 3.5 KG/ C.FT.	CFT	1933.27	3.50	6766.44		7	M.T.	
		TOR 8 MMDIA.TO 32 MM DIA.					7.00	MT		
13.	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 -	1	302.00	1.25	2.17	817.92	C.FT.		
		GUARD RM, UPTO G.L. -	1	40.83	1.25	1.25	63.80	C.FT.		
		UPTO PLINTH -	1	40.83	0.83	5.00	170.14	C.FT.		

SL. No.	SOR No.	DESCRIPTION	DETAIL OF QTY. (FT./M)				TOTAL QTY.	UNIT	RATE	AMOUNT
			NOS.	LENGTH	WIDTH	HEIGHT/ DEPTH				
							1051.86	C.FT.		
							29.77	CU.M		
14.	5.3.5.	Providing and laying damp-proof course 50mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III): 4 graded stone aggregate 20mm nominal size)								
		X-DIRECTION								
		GUARD RM, UPTO G.L. -	1	40.83	0.83		34.03	S.FT.		
		TOTAL=					34.03	S.FT.		
							3.16	SQ.M		
15.	5.3.6	Extra for providing and mixing waterproofing material in cement concrete work in doses by weight of cement as per manufacturer's specification.								
		D.P.C. AREA =	1	3.16		0.050	0.16	CU.M.		
							0.16	CU.M.		
16.	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								
		BOUNDARY WALL -	1	302.00	0.83	7.00	1761.67	C.FT.		
		GUARD RM UPTO SLAB -	1	30.75	0.83	9.00	230.63	C.FT.		
		LESS DOOR -	-1	3.25	0.83	7.00	-18.96	C.FT.		
		WINDOW -	-2	3.00	0.83	4.00	-20.00	C.FT.		
		PARAPET WALL -	1	45.00	0.83	1.00	37.50	C.FT.		
		IN GATE BEAM -	1	25.00	0.42	29.33	305.56	C.FT.		
							2296.39	C.FT.		
							64.99	CU. M		
17.	5.7.3	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								
		GUARD RM -	1	40.00	1.00	9.00	369.00	S.FT.		
		DEDUCT FOR DOORS & WINDOWS								
		D1 -	-1	3.25		7.00	-22.75	S.FT.		
		W1 -	-2	3.00		4.00	-24.00	S.FT.		
							322.25	S.FT.		
							29.94	SQ.M.		
18.	5.7.6	Providing 6mm cement plaster(1:4) in ceiling 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								
		GUARD ROOM -	1	102.00	1.00		102.00	S.FT.		
			2	10.00	1.00		20.00	S.FT.		
							122.00	S.FT.		
							11.33	SQ.M.		

SL. No.	SOR No.	DESCRIPTION	DETAIL OF QTY. (FT./M)				TOTAL QTY.	UNIT	RATE	AMOUNT
			NOS.	LENGTH	WIDTH	HEIGHT/ DEPTH				
19.	5.7.3	Providing 18 mm thick water proof CEMENT PLASTER (1:6) on outside wall with waterproof compound with clean coarse sand of F.M.1.5 and waterproofing compound (as per specified and approved) including cost of screening, curing making grooves with all leads and lifts of water, scaffolding, taxes and royalty all complete as per building specification and direction of E/I. (Includes all grooves in outer sides, as per elevation)								
		BOUNDARY WALL -	2	302.00		7.00	4228.00	S.FT.		
		TOP OF WALL -	1	302.00	1.25		377.50	S.FT.		
		SIDE OF COL. -	29	0.42		7.00	84.58	S.FT.		
		BOTTOM OF BAND -	1	302.00	0.42		125.83	S.FT.		
		GATE -								
		COL. -	2	6.00		15.00	180.00	S.FT.		
			2	6.00		9.00	108.00	S.FT.		
			2	4.00		8.00	64.00	S.FT.		
		GATE BEAM -	1	25.50	12.00		306.00	S.FT.		
							5473.92	S.FT.		
							508.53	SQ.M.		
		FLOORING WORKS								
20.	5.6.28	Providing and laying DOUBLE CHARGE VITRIFIED FLOOR TILES in different sizes (thickness to be specified by manufacturer) with water absorption less than 0.08% and confirming to IS : 15622/ ISO 13006, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand) jointing with grey cement slurry @ 3.30 kg per sqm including grouting the joints with white cement and matching pigments etc. complete.								
		SIZE OF TILE- 600MMX600MM								
		GUARD RM -	1	100.00	1.00		100.00	S.FT.		
			1	40.00	0.00	0.42	16.67	S.FT.		
							116.67	S.FT.		
							10.84	SQM		
		DOORS & WINDOWS WORKS								
21.	5.4.1	supplying , fitting and fixing good quality well dressed and well seasoned sal wood work in chaukhat in doors window ,sky light, fanlight and celevital window opening including wedge over clmps all including application of two coats of wood preservative of approved quality on the surface , building walls and lintel all complete as per building specification and direction of EI.								
		D1-	1	17.25	0.42	0.21	1.52	C.FT.		
							1.52	C.FT.		
							0.04	CUM		

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SL. No.	SOR No.	DESCRIPTION	DETAIL OF QTY. (FT./M)			TOTAL QTY.	UNIT	RATE	AMOUNT
			NOS.	LENGTH	WIDTH				
26 .	5.8.32	Providing two coats of SYNTHETIC ENAMEL PAINT of approved shade and make over new WOODEN surface including cleaning the surface after removing dirt, scales, grease and sand papering, including cost of scaffolding etc. all complete as per building specification dirction of E/I.							
		IN SIDE OF DOOR -	2.5	20.50		51.25	S.FT.		
						51.25	S.FT.		
						4.76	SQ.M		
27 .	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 -	1	269.50	1.00	269.50	S.FT		
						269.50	S.FT.		
						25.04	SQ.M		
		MISCELLANEOUS WORK							
28 .	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 gates and similar works							
		M.S. GATE -	2	17.00	7.00	238.00	S.FT.		
			1	4.50	7.00	31.50	S.FT.		
						269.50	S.FT.		
		WT. = 6.0 KG PER S.FT. -				1,617.00	K.G.		
						1617.00	K.G.		
29 .	5.5.13	Providing & fixing FAN HOOK of 16 mm dia M.S. bar, 1 M long bent to required size and shape, placed in position and fluid in the R.C.C. slab-beam at the time of casting all complete as per building specification and direction of E/I.							
						1.00	EACH		
30 .	M.R.	Providing & fixing on wall face unplasticised - Rigid P.V.C. rain water pipes conforming to IS: 13592 Type A including jointing with seal ring conforming to IS: 5382 leaving 10mm gap for thermal expansion . Single socketed pipes. 110 mm dia. Including all pvc fittings and clip all complete.							
			1	3.00		3.00	M		
						3.00	M		
31 .		CARRAIGE OF BASIC MATERIALS (AS/ SOR)							
	(A)	LOCAL SAND				3.34	CU.M		
	(B)	COARSE SAND				68.00	CU.M		
	(C)	STONE CHIPS				57.00	CU.M		
	(D)	BRICKS				39.00	0%		
								TOTAL= ₹	
								SAY= Rs.	
		G.S.T. @							