



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/2025-26/195

Date: 21/05/2025

'Tender Notice'

We hereby invite a Tender for Construction of the Drain with Cement Slab and Iron Cover in front of the School Gate:-

1. Construction of the Drain:

SIZE OF THE DRAIN: DEPTH -1 Ft. in inner, WIDTH-1.5 Ft. in inner and LENGTH-117Ft.

(a) **EARTH WORK IN EXCAVATION IN FOUNDATION** Trenches in ordinary soil. FILLING IN FOUNDATION TRENCHES AND PLINTH in layer not exceeding 150 mm thick well water watered, rammed, fully compacted and fine dressed with earth, Providing coarse clean local **SAND IN FILLING** in foundation trenches or in plinth including ramming and watering, **BRICK FLAT SOILING** joints filled with local sand including cost of watering, Providing and laying in position cement concrete of specified grade, **1:2:4** (1 cement:2 Coarse sand:4 graded stone aggregate 20 mm size, **Centering and Shutting** including strutting, propping etc. and **removal of form** for - Foundation, footing, bases of columns etc. **Brick Work in C.M. (1:6) in foundation & plinth**, Providing **12 mm cement plaster(1:3)** and Providing 1.5 mm thickness **cement punning** including curing, carriage of water with all leads and lifts.

(b) Supplying, fitting & fixing **M.S. GRILL** of required section as per approved design and drawing and Providing 2 coats of **SYNTHETIC ENAMEL PAINT** of approved shade and make over **STEEL SURFACE** grills & railings including cleaning the surface thoroughly scaffolding.

Note: Work to be finished as per estimate and drawing (Attached herewith).

Interested party may furnish the quoted rate with GST & Other Charges in a sealed envelope latest by **29/05/2025** through Registered/Speed Post.

(Krishna Kumar Singh)

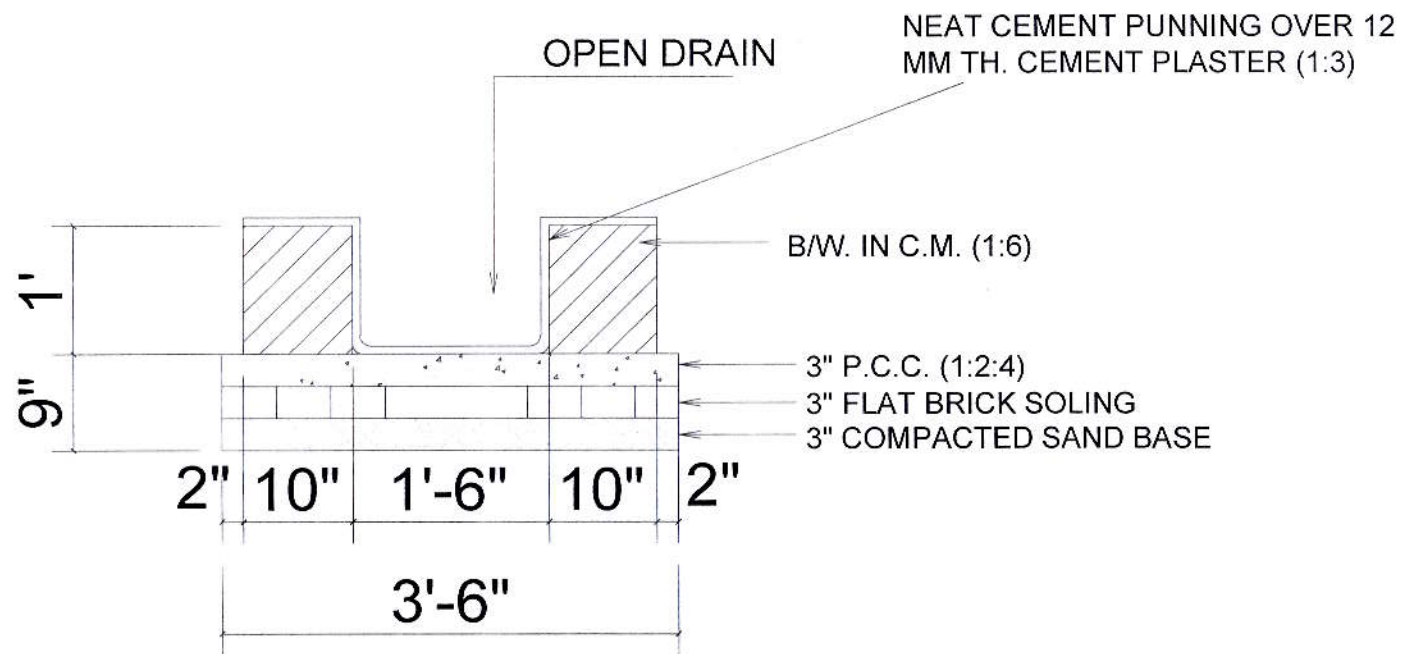
Headmaster

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

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

ABSTRACT OF QTY. & DETAIL ESTIMATES OF PROPOSED CONSTRUCTION OF										
"DRAIN" FOR										
"PVSS DAV PUBLIC SCHOOL"										
AT - JHUMRI TELAIYA, KODERAMA										
THE RATES OF ITEMS ARE BASED ON CURRENT JHARKHAND S.O.R., 2022,										
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-								
		L = 1+39+26, DRAIN - 18"X12"	1	66.00	3.50	1.750	404.25	C.FT.		
		DRAIN - 18"X36"	1	52.00	4.50	3.750	877.50	C.FT.		
							1281.75	C.FT.		
							36.27	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)								
							36.27	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-								
		DRAIN - 18"X12"	1	66.00	3.50	0.250	57.75	C.FT.		
		DRAIN - 18"X36"	1	52.00	4.50	0.250	58.50	C.FT.		
			1				116.25	C.FT.		
							3.29	CU.M		
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								
							465.00	S.FT.		
							43.20	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 :								
	5.3.1.2	1:2:4 (1 cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size)								
		IN FOUNDATION- DRAIN - 18"X12"	1	66.00	3.50	0.250	57.75	C.FT.		
		DRAIN - 18"X36"	1	52.00	4.50	0.250	58.50	C.FT.		
		TOP OF DRAIN @ GATE FOR FIXING OF GRILL -	2	26.00	0.83	0.250	10.83	C.FT.		
		BELOW COVER SLAB -	2	118.00	0.50	0.167	19.67	C.FT.		
			1				146.75	C.FT.		
							4.15	CU.M		

SL. No.	SOR No.	DESCRIPTION	DETAIL OF QTY. (FT./M)				TOTAL QTY.	UNIT	RATE	AMOUNT
			NOS.	LENGTH	WIDTH	HEIGHT/ DEPTH				
6.	5.3.20	Providing, hosting and fixing above plinth level up to floor level precast Reinforced cement concrete in slab, including setting in cement mortar 1:3 (1cement : 3 coarse sand), cost of required centering, shuttering and finishing with neat cement punning on exposed surfaces but , exculuding the cost of reinforcement, with 1:1.5:3 (1cement : 1.5 coarse sand (zone-iii) : 3 graded stone aggregate 20mm nominal size)								
		ROOF OF STAIR-	1	118.00	2.50	0.250	73.75	C.FT.		
							73.75	C.FT.		
							2.09	CU.M		
7.		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 SAIL & TATA STEEL, JSPL, ELECTRO STEEL LTD. AND VIZAG STEEL)								
	5.5.4	TOR 8 MMDIA.					0.25	MT		
8.	5.3.17	Centering and shuttering including struting, propping etc. and removal of form for -								
	(a)	Foundation, footings, bases of columns etc.								
	5.3.17.1		4	26.00		0.25	26.00	S.FT.		
							2.42	SQ.M.		
9.	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.								
		DRAIN - 18"X12"	2	66.00	0.83	1.50	165.00	C.FT.		
		DRAIN - 18"X36"	2	52.00	1.25	3.00	390.00	C.FT.		
							555.00	C.FT.		
							15.71	CU.M		
10.	5.7.1	Providing 12mm cement plaster(1:3) with clean coarse sand of F.M 1.5 including screening, curing with all leads and lifts of water scaffolding taxes and royalty all complete as per building specification and direction of E/I.								
		DRAIN - 18"X12"	1	66.00		5.5	363.00	S.FT.		
		DRAIN - 18"X36"	1	52.00		9.5	494.00	S.FT.		
							857.00	S.FT.		
							79.62	SQ.M		
11.	5.7.11	Providing 1.5 mm th. cement punning including curing, carriage of water with all leads and lifts as per building specification and direction of E/I.								
							79.62	SQ.M		
12.	5.5.12	Supplying, fitting & fixing M.S. GRILL of required section as per approved design and drawing properly fabricated with joints continuous fitted, welded and finished smooth, hoisting as per building specification and direction of E/I.								
		AREA OF OPENING -	1	26.00	2.50		65.00	S.FT.		
							65.00	S.FT.		
		wt. of grill take 4.0 kg/ s.ft.					260.00	KG		
							260.00	KG.		
13.	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.								
			1	65.00	1.00		65.00	S.FT		
							65.00	S.FT.		
							6.04	SQ.M		
14.		CARRAIGE OF BASIC MATERIALS (AS/ SOR)								
	(A)	LOCAL SAND					3.29	CU.M		
	(B)	COARSE SAND					10.00	CU.M		
	(C)	STONE CHIPS					5.00	CU.M		
	(D)	BRICKS					7.80	0%		
		₹ Two Lakh Twenty Eight Thousand Only.							TOTAL= ₹	
		G.S.T. @ 18% EXTRA							SAY= Rs.	



DETAIL OF DRAIN

DETAIL OF DRAIN FOR
PVSS DAV PUBLIC SCHOOL,
AT - JHUMRI TELAIYA, KODERAMA.

CHADDA & ASSOCIATES
ARCHITECTS & URBAN PLANNERS
RANCHI.