



ARMY PUBLIC SCHOOL FAZILKA

CALL FOR QUOTATIONS FOR CONSTRUCTION OF TOILET BLOCKS (BOYS AND GIRLS)

1. Sealed Quotations are invited in APS Fazilka for the construction of toilet blocks (Boys & Girls).

Total Area: 861 Sq Feet (430.5 sq ft + 430.5 sq ft)

2. ISI Tendered material to be used.
3. Demolition of old toilet block and proper disposal of debris at marked place.
4. Interested vendors can collect the detailed scope of work along with estimated cost from school premises within 15 days.

(Sd/xxxxx)
APS Fazilka

ESTIMATED CONSTRUCTION COST

Estimated Amount : Rs.

Name of Agency/ Institute : ARMY PUBLIC SCHOOL , FAZILKA, PUNJAB.

Type of work : Reconstruction of Toilet Block

Plinth area of Block : 430.5 Sqft

Covered area at ground floor : 430.5 Sqft

Covered area at first floor : 430.5 Sqft

Accommodation : Boys Washroom at ground floor

Girls Washroom at first floor

Type of work : ' A ' class

Construction period : 60 to 70 Days

Description of Washroom :

1 Boys Washroom [ground floor] : 1 Gents staff toilet, 1 Bath room 2 W.C. [Odisha Pan style]
 7 Urinal Pots with stone separators, 3 W.C. [western style]
 3 Pedestal Wash Basins with mirror above these, 6 ceiling Fans
 2 Exhaust Fans . All the units will be completed with all required Fittings & Fixtures.

2. Girls Washroom [first floor] : 1 Female staff Toilet, 1 bath room, 4 W.C. [western style]
 3 W.C. [Odisha Pan style] 3 Pedestal Wash Basins with Mirror
 Above, 4 ceiling Fans , at least 2 Exhaust Fans . All units will
 Have all the required fittings and fixtures.

DETAIL OF SPECIFICATIONS :-

FOUNDATION : 6" thick P.C.C. 1:4:8 over levelled and rammed base will be
 Provided . 8 No. R.C.C. columns of 9"x9" size with 6 No. steel
 Bars of 12mm size to be provided as per plan. 1st class bricks will
 Be used in 1:6 cement sand mortar up to plinth level. 9"x9" size
 R.C.C. beam to be provided below the plinth level. Two coats of
 Hot bitumen will be provided over plinth beam. Open space of
 Foundation trenches will be filled with sand.

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SUPER STRUCTURE : : R.C.C. columns should continue using 1 : 1 ½ : 3 Aggregate . 9"x9"
Size R.C.C. beam to be provided above door level. i.e. 7'.0". Main
Load bearing walls are 9" thick and internal partition walls are 4 ½"
Thick. 9" thick walls will be built with First class bricks used in 1:6
Cement sand mortar and 4 ½" thick walls will be built using 1:4 C.S
Mortar.

ROOF SLAB : 6" thick R.C.C. slab will be provided at 9'6" clear height at ground
Floor i.e. 12" below than adjoining building. 12" down roof beam to
Be provided in middle of roof to support the roof.

TERRACE FLOOR : First class burnt clay tile flooring over 3" thick mud phuska over Two
Coats of hot bitumen over the roof slab, will be provided with proper
Slope towards rain water pipe. Joints of tiles will be filled with
Cement slurry and grouted on top.

FLOORING WORK : Vitrified tile flooring using 24"x24" tiles will be provided over all the
Flooring area. 4'.0" high skirting of ceramic tiles will be provided
Inside of washrooms and 6'.0" high skirting will be provided in
Bathrooms.

JOINERY WORK : Aluminium framed joinery work will be provided in all the joinery
Work. Glass panel will be used in windows and ventilators. Super PVC
Leaf of doors can be used as substitute.

SANITARY FITTING : I.S.I. standard material will be used in Sanitary fittings. Heavy Quality
PVC [CPC] pipes for water supply and outlet of water and sewage will
Be used. One water tap is compulsory to be provided in all units.
There will be proper slope for drainage of waste water and sewerage.
No chance should be left for blockage of system or gathering water.
Outlet pipes from first floor will be provided open type at backside
Of toilet block. Two overhead PVC water storage tanks of 1000 litre
Capacity each will be provided at platform 2'.0" high than terrace level

Existing structure of the old Toilet block will be uprooted. All the existing
Fittings and fixtures will be removed carefully. All the material of old
Structure will be lifted from site and placed at suggested place.

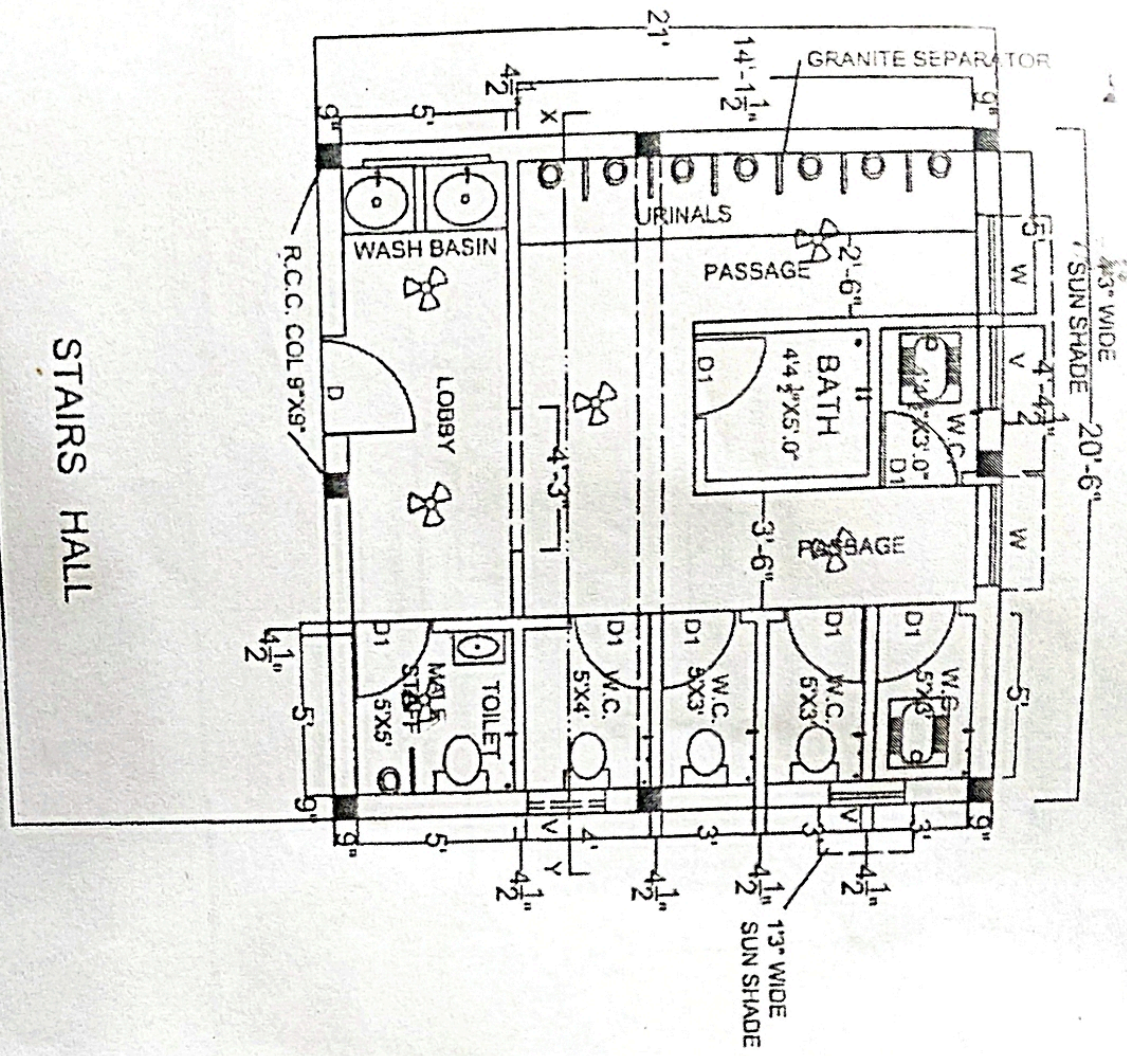
ELECTRICAL FITTING : Electrical fitting will be provided underground type using I.S.I.
Standard material. There should be proper management for light system.
Ceiling fans and exhaust Fans as per requirement.

ARMY PUBLIC SCHOOL FAZILKA

TWO TOILET BLOCK (BOYS & GIRLS) DETAIL, OUT OF SCHOOL FUND IN SR. WING (PERMANENT STRUCTURE) SESSION 2021-22

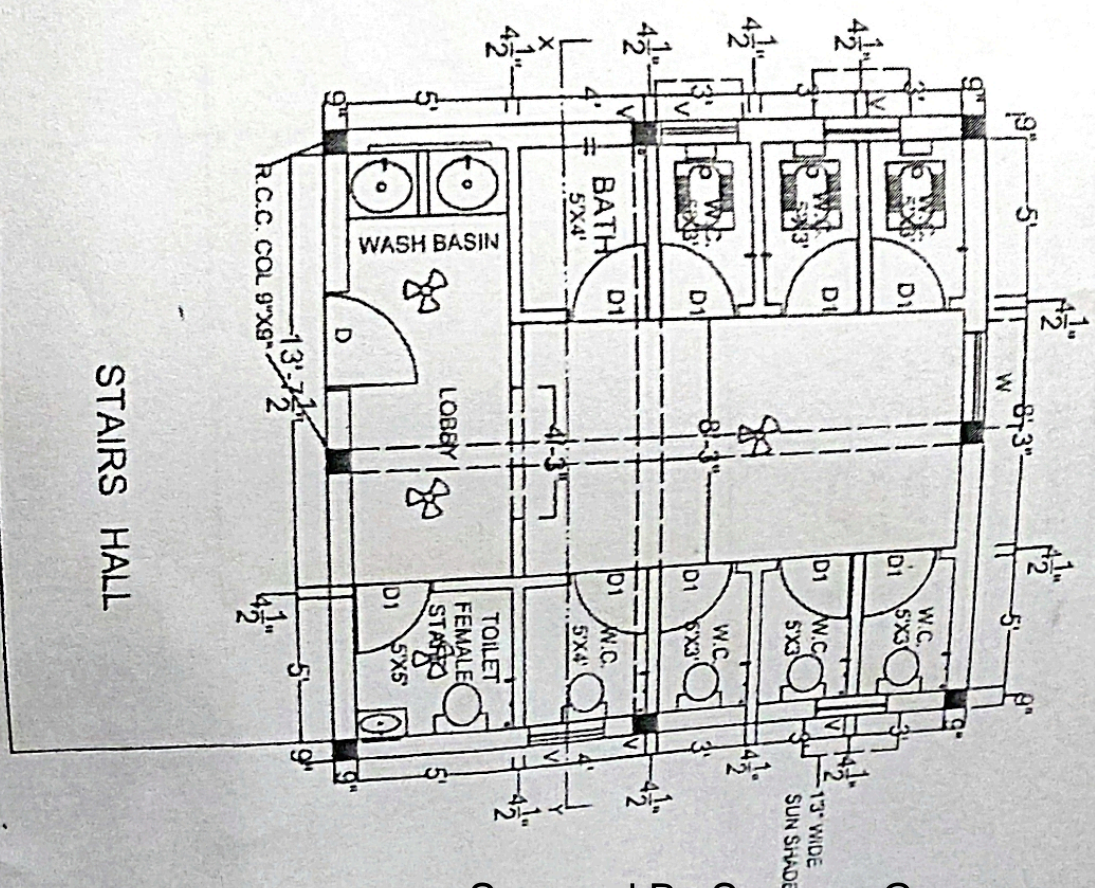
<u>S. No.</u>	<u>Particulars</u>	<u>Location</u>	<u>Qty</u>	<u>Remarks</u>
1	Washroom (WC)	Girls Toilet Block	04	
2	Washroom (Indian)		03	
3	Bathroom		01	
4	Female Staff washroom		01	
5	Washbasin		03	
6	Washroom (WC)	Boys Toilet Block	03	
7	Washroom (Indian)		02	
8	Bathroom		01	
9	Male Staff Washroom		01	
10	Urinal Boys		07	
11	Washbasin		03	

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BOYS TOILET BLOCK AT GROUND FLOOR

ARMY PUBLIC SCHOOL FAZILKA



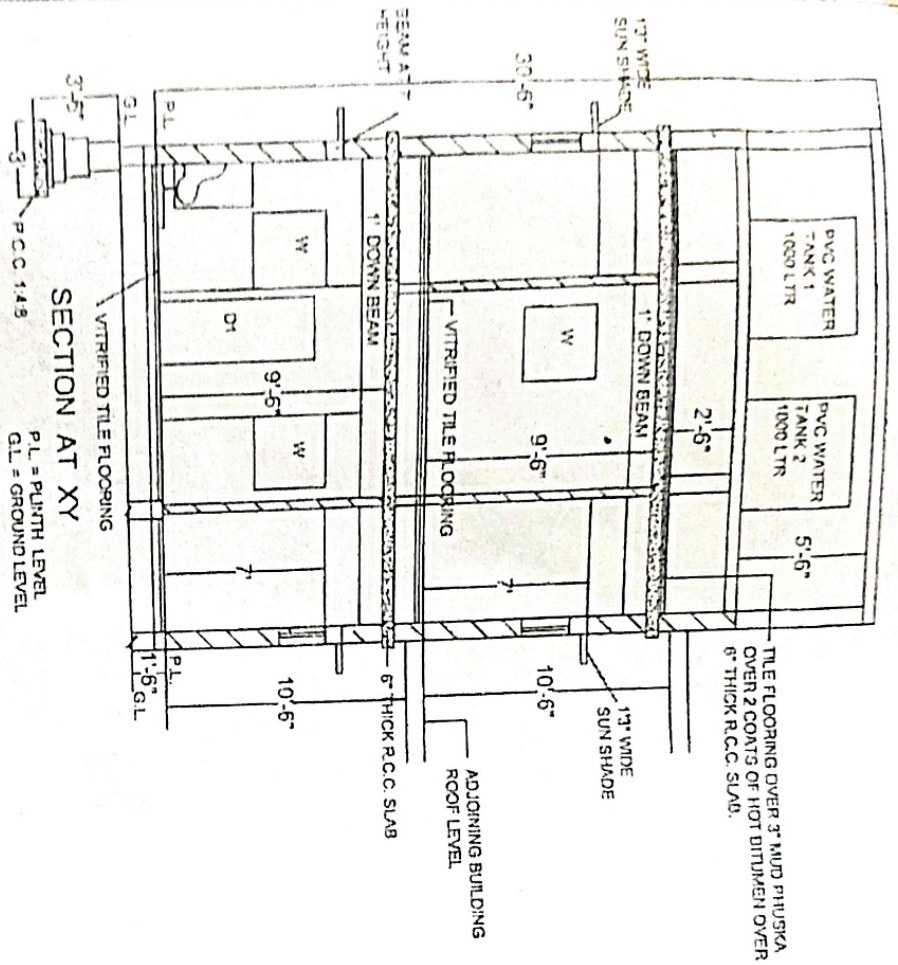
GIRLS TOILET BLOCK AT FIRST FLOOR

PVC WATER TANK 1 1000 LTR	PVC WATER TANK 2 1000 LTR
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DESCRIPTION	TYPE	SIZE	CIL	LVL	TOP	LVL	TOTAL	No
DOOR	D	3.0"x6.6"	0		6.6"		1 No.	
"	D1	2.6"x6.6"	0		6.6"		7 No.	
WINDOW	W	3.0"x3.0"	4.0"		7.0"		2 No.	
VENT	V	2.6"x2.0"	5.0"		7.0"		3 No.	

PVC WATER
TANK?
1000 LTR

DESCRIPTION	TYPE	SIZE	CIL LVL	TOP LVL	TOTAL NO.
DOOR	D	3'0"X6'6"	0	6'6"	1 NO.
"	D1	2'6"X6'6"	0	6'6"	9 NO.
WINDOW	W	3'0"X3.0"	4'0"	7'0"	1 NO.
VENT	V	2'6"X2'0"	5'0"	7'0"	4 NO.



SECTION AT XY

P.L. = PLUMB LINE
G.L. = GROUND LEVEL

PLANNED BY:

APPLICANT

BHARDWAJ ASSOCIATES
OPP. MAIN POST OFFICE
PREM GALI FAZILKA
M: 98720-09754, 85569-14726