

GOVERNMENT OF CHHATTISGARH



**PUBLIC WORK DEPARTMENT
DIVISION - PATHALGAON**

NAME OF PROJECT

**DETAILED ESTIMATE FOR CONSTRUCTION OF ADDITIONAL
ROOM OF GOVT. COLLEGE AT PATHALGAON BLOCK-
PATHALGAON
DISTT.- JASHPUR (C.G.)**

ESTIMATED COST Rs. 90.38 Lakh

**EXECUTIVE ENGINEER
P.W.D. (B&R) DIVISION PATHALGAON
DISTT.- JASHPUR (C.G.)**

GENERAL -ABSTRACT

DETAILED ESTIMATE FOR CONSTRUCTION OF ADDITIONAL ROOM OF GOVT. COLLEGE AT PATHALGAON BLOCK-PATHALGAON DISTT.- JASHPUR (C.G.)

S.No.	Description	Amount
1	Estimate for Civil Work	8139937.40
2	Estimate for Electrification (9%) of Civil-work	808830.00
	Total	8948767.40
	Add 1% W.C. & Contingencies	89487.67
	Total	9038255.07
	Say Rs.	90.38 Lakh



Sub Engineer



Sub Divisional Officer
P.W.D. Sub Division 1
Pathalgaon

Executive Engineer
P.W.D. (B & R) Division
Pathalgaon



PRINCIPAL
GOVT. COLLEGE PATHALGAON
DISTT - JASHPUR (C.G.)

REPORT & SPECIFICATION

1 Name of Work : **DETAILED ESTIMATE FOR CONSTRUCTION OF ADDITIONAL ROOM OF GOVT. COLLEGE AT PATHALGAON BLOCK-PATHALGAON**

2 Amount : **90.38 Laacs**

3 Authority : Higher Education Department Govt. of C.G. Raipur.

4 Necessity : At present there is no Lab Room & Additional Room at Govt. College At Pathalgaon There for Lab & Additional Room is required at Govt. college Pathalgaon.

5 Provisions : **The following provision has been framed in the estimate-**

1. Foundation :-

a. Foundation is designed with R.C.C column trapezoidal column footing and excavated till the safe hard strata. Footing is designed till a depth of 2.0 m with R.C.C M-20 concrete and reinforcement confirming to fe 500.

2. Super Structure:-

a. All RCC framed structure with M-20 concrete and reinforcement confirming to fe 500.

b. In lab 60 cm wide R.C.C. plate form.

3. Formwork :-

Formwork of the structure is proposed with steel plates in the RCC work.

4. Brick Work :-

Brick work of the structure will be 200 mm thick chimney brick in 1.6 cm with crushing strength 25 kg/sqcm. & partition walls with 100 thickness brick wall with cement mortar 1:4

5. Plastering :-

- a. 6mm thick plaster in Chhajja ceiling.
- b. 12mm thick plastering in internal walls.
- c. 15mm thick plaster in external walls.

6. Flooring and stone work :-

- a. Providing and laying ceramic tiles on flooring.
- b. Kota stone is on corridor.

7. Painting and Finishes :-

- a. Internal walls - Acrylic washable distemper.
- b. External walls - Water proofing cement paint.

8. Door & Windows :-

- a. Door framed made of angle Iron Section and 35 mm thick flush door are provided.
- b. Window of M.S. steel 1 mm thick, frame of angle iron.

9. Water supply, Drainage and sanitary installation.

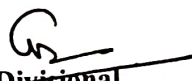
Water supply pipelines are provided in G.I. pipes and all drainage pipe line will be in PVC.

6 Rate & Specifications

Rates adopted in the estimate are :-

1. For Building work as per schedule of rates for building work for PWD, enforced from 01.01.2015
2. The work shall be carried out as per specification for building works approved by PWD, Govt. of Chhattisgarh.


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