



**PRELIMINARY ESTIMATE  
cum  
DETAILED PROJECT REPORTS**

**for**

**Construction of Boys Hostel-I (S+10) and Dining Block  
(G+1 floor) at IIT (BHU), Varanasi**



सत्यमेव जयते

मुख्य परियोजना प्रबन्धक  
बी०एच०यू० परियोजना अंचल  
केन्द्रीय लोक निर्माण विभाग

## प्रारम्भिक अनुमान Preliminary Estimate

कार्य का नाम— C/o Boys Hostel - I (S+10) and Dining block  
(G+1 Floor) at IIT (BHU), Varanasi.

अनुमानित लागत— ₹ 96,77,39,600/-



## BRIEF SPECIFICATION

**Name of work: C/o Boys Hostel - I (S+10) and Dining block (G+1 Floor) at IIT (BHU),  
Varanasi.**

Sl.No.	Items	Recommended Material/Fixtures
1.	Foundation	: Raft foundation.
2.	Superstructure	: RCC framed structure with filler brick walls/ACC blocks in cement mortar 1:6.
3.	Door & window Frame	: Pressed steel frame for doors in all room. T-iron Frame in door in toilets. M.S. Tubular/UPVC frame and wooden shutter.
4.	Shutters	: (i) <b>Main entrance-</b> Glazed aluminum doors. (ii) <b>Rooms, office &amp; store-</b> 35 mm flush door shutter (iii) <b>Toilets door-</b> 30 mm thick flush door shutters with 0.50 mm thick mica backing. (iv) <b>Fire rated door:</b> In Electrical panel room and stairwells.
5.	Grill	: M.S. grill for all window
6.	Door/windows fittings	: Stainless steel fittings. * Fire Rated fittings in Fire doors
7.	Flooring	: (i) <b>Granite:</b> In entrance lobby and staircase. (ii) <b>Double charged vitrified Tiles with spacers:</b> All rooms & office. (iii) <b>Matt finished Rectified tiles with spacers:</b> In toilets. (iv) <b>Dado's - Joint free digital ceramic wall tile</b> in toilet and kitchen (v) <b>Kota stone:</b> Kitchen, Corridor and store. (vi) <b>Ramp-</b> Matt finished Vitrified tile
8.	Railing on Staircase/Corridor	: M.S railing.
9.	Roofing	: Brick coba treatment on terrace with centrifugally cast iron rain water pipes.
10.	Finishing	: <b>External- Acrylic smooth exterior finish</b> over plastered surface. <b>Internal-</b> All walls and ceilings to be treated with white wall putty followed with the <b>acrylic distemper paint.</b> <b>Synthetic enamel paint</b> on all steel & wood work.
11.	Water supply	: As per CPWD specifications
12.	Sanitary installations	: As per CPWD specifications
13.	Drainage	: As per CPWD specifications


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A.C.

## GENERAL ABSTRACT

**Name of work: C/o Boys Hostel - I (S+10) and Dining block (G+1 Floor) at IIT (BHU),  
Varanasi.**

S.N.	Description	Civil work	Electrical work	Development work	Total
1	Building portion	718917765.00	205485353.00	6115606.00	930518724.00
	<b>Total:</b>	<b>718917765.00</b>	<b>205485353.00</b>	<b>6115606.00</b>	<b>930518724.00</b>
	Add 3% contingenceis:	21567533.00	6164561.00	183468.00	27915562.00
	Labour cess (1%)	7189178.00	2054854.00	61156.00	9305187.00
	<b>Total:</b>	<b>747674476.00</b>	<b>213704768.00</b>	<b>6360230.00</b>	<b>967739473.00</b>

**SAY Rs. ₹ 96,77,39,600.00**

  
Assistant Engineer

Varanasi Project Sub-Division  
Central P.W.D, Varanasi

  
Executive Engineer

Varanasi Project Division-3  
Central P.W.D, Varanasi

  
Chief Project Manager

BHU Project Zone  
Central P.W.D, Varanasi