



**PRELIMINARY ESTIMATE  
cum  
DETAILED PROJECT REPORTS**

**for**

**Construction of Boys Hostel-II (S+10) and Dining Block  
(2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup> floor) at IIT (BHU), Varanasi**



मुख्य परियोजना प्रबन्धक  
बी०एच०यू० परियोजना अंचल  
केन्द्रीय लोक निर्माण विभाग

## प्रारम्भिक अनुमान Preliminary Estimate

कार्य का नाम— C/o Boys Hostel - II (S+10) and Dining  
block (2<sup>nd</sup> , 3<sup>rd</sup> & 4<sup>th</sup> Floor) at IIT (BHU),  
Varanasi.

अनुमानित लागत— ₹ 96,77,39,600/-



## BRIEF SPECIFICATION

**Name of work: C/o Boys Hostel - II (S+10) and Dining block (2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup> 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</b> - Joint free digital ceramic wall tile 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</b> - Acrylic smooth exterior finish over plastered surface. <b>Internal</b> - All walls and ceilings to be treated with white wall putty followed with the acrylic distemper paint. <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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## GENERAL ABSTRACT

**Name of work: C/o Boys Hostel - II (S+10) and Dining block (2nd, 3rd, & 4th Floor) at IIT (BHU), Varanasi.**

S.N.	Description	Civil work	Electrical work	Development work	Total
1	Building portion	716842743.00	207560479.00	6115606.00	930518828.00
	<b>Total:</b>	<b>716842743.00</b>	<b>207560479.00</b>	<b>6115606.00</b>	<b>930518828.00</b>
	Add 3% contingenceis:	21505282.00	6226814.00	183468.00	27915565.00
	Labour cess (1%)	7168427.00	2075605.00	61156.00	9305188.00
	<b>Total:</b>	<b>745516452.00</b>	<b>215862898.00</b>	<b>6360230.00</b>	<b>967739581.00</b>

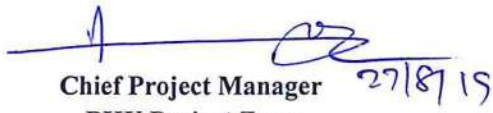
**SAY Rs. ₹ 96,77,39,600.00**

  
27/8/19  
Assistant Engineer

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

  
27/8/19  
Executive Engineer

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

  
27/8/19  
Chief Project Manager  
BHU Project Zone  
Central P.W.D, Varanasi