

# Agenda Notes

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2016: 22<sup>nd</sup> Meeting  
*of the*  
**Building & Works  
Committee**

Venue of the Meeting

Conference Hall, PDPM IIITDM, Jabalpur

Date and Time of the Meeting

May 03, 2016 at 10:30 Hrs.



PDPM  
Indian Institute of Information Technology, Design  
and Manufacturing Jabalpur

**Agenda for the 2016/1<sup>st</sup> Meeting ( 22<sup>nd</sup> Meeting) of Buildings & Works Committee, 2016**

**to be held on 03<sup>rd</sup> May, 2016 at 10:30 Hrs.**

**Venue: Conference Hall, PDPM IIITDM, Jabalpur**

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B&WC/2016: 22.01	<b>Opening remarks by the Chairman.</b>  Opening remarks by the Chairperson will be presented in the meeting itself.
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B&WC/2016: 22.02	<p><b>Confirmation of Minutes of 2015/1<sup>st</sup> meeting of the Building &amp; Works Committee (21<sup>th</sup> meeting) held on August 01, 2015.</b></p> <p>Minutes of the 21<sup>st</sup> meeting of B&amp;WC were circulated among the members. The same is being placed as <b>Annexure B&amp;WC/2016/22/A-1</b> (page 4 to 11) along with the action taken report.</p>
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21/





PANDIT DWARKA PRASAD MISHRA  
INDIAN INSTITUTE OF INFORMATION TECHNOLOGY,  
DESIGN & MANUFACTURING JABALPUR

Minutes of 2015/1<sup>st</sup> Meeting of Building & Works Committee (B&WC) of PDPM Indian Institute of Information Technology, Design & Manufacturing Jabalpur held on Saturday, August 01, 2015 at 10:00 hrs at the Conference Hall of the Institute.

Members Present:

1. Dr. Kota Harinarayana,  
Chairman BOG, PDPM-IIITDM Jabalpur Special Invitee
2. Prof. S. D. Deshmukh,  
Director, PDPM-IIITDM Jabalpur Chairperson
3. Shri D. M. Gupta, IOFS (Retd.)  
Former DGOF & Chairman Ordnance  
Factory Board, 309 Jyothi Enclave  
1st A Cross, Kaggadapura Main Road  
CV Raman Nagar, Bangalore - 560093 Member
4. Shri D.K. Singh  
EE, MPPKVV Comp. Ltd., Jabalpur  
(Representative of Sh. A.K. Pandey  
S.E. MPPKVV Comp. Ltd. Jabalpur) Member
5. Shri N Varma  
Superintending Engineer (Civil)  
IIT Indore, Khandwa road, Simrol  
Indore - 452020  
(Through Skype) Member
6. Prof. Puneet Tandon,  
Dean, Planning and Development  
PDPM-IIITDM, Jabalpur Member
7. Shri V. K. Dubey  
E E. (Civil), PDPM-IIITDM, Jabalpur Institute Engineer
8. Er. R K. Meena,  
EE (Elect.), JPED, CPWD, Jabalpur Special Invitee

- |     |  |                 |
|-----|--|-----------------|
| 9.  | Er. A.K.Jain,<br>AE, JPD, CPWD, Jabalpur               | Special Invitee |
| 10. | Er. Ganesh Singh,<br>AE (Elect.), JPED, CPWD, Jabalpur | Special Invitee |
| 11  | Shri R.P. Dwivedi<br>Registrar, PDPM-IIITDM, Jabalpur  | Secretary       |

B&WC/2015:1.01                      Opening Remarks by the Chairperson,

The Chairperson and the Director of the Institute Prof. S.G.Deshmukh welcomed all the members and introduced the new members and special invitees with the other members of the Committee.

B&WC/2015:1.02                      Confirmation of the Minutes of 2014/ 1st Meeting  
of the B&WC held on January 06, 2014.

As no comments have been received from the members the committee confirmed the minutes of B&WC 20<sup>th</sup> meeting held on January 06, 2014.

B&WC/2015:1.03                      To discuss and decide the mode for installation for 500 KW  
Solar Power Plant at PDPM-IIITDM, Jabalpur.

The matter was discussed at length. The need of utilising at the campus the nonconventional and sustainable sources of energy like solar energy was realized by the committee. In view of the present availability of funds with the Institute, it was felt that the procurement of solar power plant may be done in PPP mode in which desired piece of land shall be provided to the expert agency for installing Solar Power Plant. The Institute would purchase the electricity by getting connected the solar power plant with

*Signature*

*Signature*

the Institute electrical supply and management system. It was informed to the committee that the present electrical load of electricity is about 925 KVA and the same has observed to be increasing since last 2-3 months due to occupation of new buildings. The committee observed that the present sanctioned load of 1500 KVA is OK. It was pointed out by some of the member that the solar plant should be installed of a capacity of 2 MW.

On suggestion of the Chairman BOG, the committee decided that some expert agencies of this filed would called to the Institute to make detail feasibility study at the campus, to provide the land requirement for the said Solar plant, to develop and inform to the Institute the specifications for the solar plant, to study the load feasibilities, to make the cost calculations and to inform the rates at which the electricity would be provided to the Institute. The committee observed that a centralised ground mounted solar power plant would be suitable rather than decentralized roof top solar plants so as to get ease in maintenance works.

B&WC/2015:1.04 To discuss the external and interior painting works of Hall of Residence-1 and Hall of Residence -3 at PDPM IIITDM, Jabalpur.

The matter was discussed at length. It was decided that as the CPWD has expertise on the issue, it may be asked to the CPWD for submitting the estimate for external and interior painting work, in Hall of Residence – 1 & Hall of Residence – 3.

B&WC/2015:1.05 To discuss the status of the running and new construction projects at the campus.



The progress of running and proposed construction projects was discussed at length. It was decided in respect of the proposed construction projects that the following works may be kept on hold due to paucity of funds.

1. C/o Technology incubation Centre at PDPM IIITDM, Jabalpur.
2. C/o Multiutility Centre at PDPM IIITDM, Jabalpur.
3. C/o Director Residence at PDPM IIITDM, Jabalpur.
4. C/o IWD office at PDPM IIITDM, Jabalpur.
5. C/o Swimming pool at PDPM IIITDM, Jabalpur.

The committee was of the opinion that the tender may be called for other work like PLC but the work may be awarded by the CPWD after due confirmation from the Institute about the availability of funds. The progress of the running projects as listed in the annexure was discussed one by one. It was pointed out by the Chairman BOG that tender value of electrical works has not been mentioned in the progress report provided by the CPWD. The E.E.(Elect.) CPWD was requested to provide the regularly, the progress reports and tender values for each of the electrical works. Further, in view of the paucity of funds it was decided to priorities the running construction projects under categories A (first priority). The works like LHTC, NR 2, NR 3, Library Computer Centre, Rewa Residency, Hall of Residency – 7 (Married accommodation), Hall of Residence – 8 (Girls Hostel) were observed by the committee under category A. It was further the decided that the scope of work in the projects like Road and Service Network Phase- II, Hall of Residence – 7 (P.G.Hostel Phase – II), Administrative Block, Student Activity Centre etc. may be divided in to category A & B in consultation with the E.E. (C) and EE (Elect.), CPWD. If required some of the scope may be curtailed. The works under category "A" only be taken up presently. The committee also suggested that if possible the Admin Block may be completed and taken over from the CPWD without ACs

*[Handwritten signature]*

*[Handwritten initials]*



**B&WC/2015:1.06** To discuss the Estimates for different Horticulture Development works as received from the CPWD.

The committee deliberated the estimates. It was observed that the estimates are on a very higher side.

It was decided that keeping in view the present status of funds and the value of estimates the matter may be deferred. The plantation work would be start immediately at the Institute level to avail maximum advantage of rainy season. If needed the forest department may be consulted.

**B&WC/2015:1.07** To discuss the issue related with annual maintenance of existing buildings.

The matte was discussed at length. It was decide to ask CPWD to provide necessary estimates for annual maintenance of the following buildings.

1. Core Lab Complex.
2. Hall of Residence – 1.
3. Hall of Residence – 3.

**B&WC/2015:1.08** To discuss the proposal for Food Court at the campus.

The committee discussed different option for the food court. It was informed to the committee that. There is a provision of food court in the work of Multiutility Complex but on the building has decided to be kept on hold due to resent paucity of funds, a food court may be developed near the stage portion of the Ampetherate (SAC). It was decided to ask the CPWD for creating necessary partitions, toilets etc. at suitable location for making use of the area as food court.

**B&WC/2015:1.09 To consider the Preliminary cum Detailed Estimate of SITC 04 Nos. STPs of 150 KLD capacities.**

The issue related with the requirement of STPs at the campus was discussed at length. The committee observed that the estimates of 04 Nos. STPS as received from the CPWD are on a very higher side. It was informed to the committee that during a meeting of the Institute authorities with the CPWD officials, held at IIITDM Gwalior on 20.07.2015 the Chief Engineer CZ, CPWD had informed that the value of actual work done would be on lesser side as observed in case of the tenders received earlier for the on STP for the Institute in hostel area. It was also informed to the committee that the CE(CZ), CPWD, had asked to sanctioned half the amount of the estimate as only 02 Nos. STP are required presently.

The committee decided to recommend to the Finance committee for its further recommendation to the BPG for accord of A/A & E/S for an amount of Rs.2,06,75,755/- (Rs. Two Crore six lacs seventy five thousand seven hundred fifty five) for 02 Nos STPs of 150 KLD at the campus.

**B&WC/2015:1.10 To discuss on the progress of the furniture procurement committees at the Institute.**

It was informed to the committee that the tenders for procurement of furniture for the tenders for procurement of furniture for Lecture Halls in LHTC have already been called. The pre bid making is scheduled on October 03, 2015.

It was suggested by the committee to procure the furniture in a time bound manner by the preparing proper bar charts. In addition the furniture for Visitor Hostel should also be procured on top priority.

B&WC/2015:1.11 To consider the Reporting items.

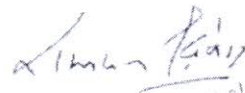
The committee deliberated the attached list of works taken up at the Institute level since last and noted the same

B&WC/2015:1.12 Any other Item with the Permission of the Chair.


With the permission of the Chair it was informed to the committee that the matter of preparation of the revised DPR for the campus has been assigned to the ADCIL and the officials from ADCIL are on the campus visit to collect the necessary details required for completing the revised DPR/

The committee recommended to expedite the matter so as to ensure the availability of funds at the earliest.

The meeting ended with vote of thanks to all.

  
R.P. Dwivedi 28/8/2015  
Secretary

Submitted for Approval please

  
14.9.15  
Prof. S.G. Deshmukh  
Chairperson, B&WC



## PDPM IIITDM Jabalpur

### Compliance Report on decisions taken during 21<sup>st</sup> meeting B&WC held on August 1<sup>st</sup>, 2015

Sl. No.	Item No. in MOM of 21st B&WC meeting	Action taken
1	B&WC/2015: 1.03	The requests letters were sent on October 7th, 2015 to different expert agencies to make the feasibility survey for 2MW ground mounted solar power plant in PPP mode at the Campus. Further, in compliance of DO No. 16-16/2015-TS VII dated October 8th, 2015 of the MHRD, GOI and DO No. 03/09/2014-15/GCRT dated August 10th, 2015 of the MNRE, GOI the interest letters for 2MW solar power plant at the Campus, in 'Resco' mode have been sent to the MNRE and MHRD.
2	B&WC/2015: 1.04	The request letter was forwarded to the CPWD for submitting the desired estimate. The estimate has been received from the CPWD. The estimate put up in the present meeting for kind consideration.
3	B&WC/2015: 1.05	The CPWD has been informed regarding the decision.
4	B&WC/2015: 1.06	The CPWD has been informed regarding the decision and the plantation work has been started at the Institute level.
5	B&WC/2015: 1.07	The request letter was forwarded to the CPWD for submitting the desired estimate. The estimate has been received from the CPWD and has been put up in the present meeting for kind consideration.
6	B&WC/2015: 1.08	As all the works have been stopped by the CPWD due to paucity of funds. The matter related with food court at the Amphitheater (SAC) has been deferred.
7	B&WC/2015: 1.09	The A/A&E/S for SITC of 02 Nos. STP of 150 KLD capacities has been communicated to the CPWD.
8	B&WC/2015: 1.10	The furniture for Visitors' Hostel has been procured. The procurement of furniture for Lecture Hall & Tutorial Complex has been deferred due to paucity of funds.



B&WC/2016: 22.03	<p><b>To discuss and consider the estimate received from the CPWD for the work of Internal and external painting of Hall of Residency – I and Hall of Residency – III at the IIITDM Campus, Jabalpur.</b></p> <p>As decided in the B&amp;WC, 21st meeting, held on August 1, 2015, a request was sent to the CPWD for providing the estimate for the above work. The estimate, for the work, amounting to Rs. 45,71,800 (Rs. Forty Five Lacs Seventy One Thousand Eight Hundred only) i/c 5% Contingencies has received from the CPWD. The same is being placed as <b>Annexure B&amp;WC/2016/22/A-2</b> (page 13 to 16)</p> <p><b>The committee is requested to consider the estimate and make its recommendations to the Finance Committee for onwards recommendations.</b></p>
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21

भारत सरकार  
कार्यालय कार्यपालक अभियंता  
जबलपुर परियोजना मण्डल, के.लो.नि.वि.,  
पी.डी.पी.एम., आई.आई.आई.टी.डी.एम.कैम्पस,  
डुमना विमानतल मार्ग, पोस्ट-खगरिया  
जबलपुर (म.प्र.) - 482005



GOVERNMENT OF INDIA  
OFFICE OF THE EXECUTIVE ENGINEER  
JABALPUR PROJECT DIVISION, C.P.W.D.  
PDPM-IIITDM CAMPUS,  
DUMNA AIRPORT ROAD POST-KHAMARIA,  
JABALPUR (M.P.) - 482005  
Email ID: eejabalpurdivn@gmail.com

Phone: 0761-2903702, 0761-2903703

No.23(5) VEE/JPD/15-16//127

Dated - 05/02/2016

To,  
✓ The Registrar,  
PDPM, IIITDM,  
Campus, Jabalpur.

*Director*  
For perusal by  
*EE*  
09/2/16

Sub:- Internal and external painting of Hall of Residency-I and Hall of Residency-III for IIITDM Campus at Jabalpur.

Ref:-Your office letter no. आई.आई.आई.टी.डी.एम.ज./वि. एवं का./2015/10/06, दिनांक.07/10/2015.  
\*\*\*\*\*

Dear sir,

Please find enclosed herewith preliminary cum Detailed Estimate of the above subject work for obtaining administrative approval and expenditure sanctioned from the competent authority. This is for your kind information and necessary action please.

Encl: As above.

*[Signature]*  
Executive Engineer  
Jabalpur Project Division,  
CPWD, Jabalpur.

Copy to:

1. The Superintending Engineer(C), BCC, CPWD, Bhopal for information please.
2. Assistant Engineer, JPSD-I, CPWD Jabalpur for information.

*Ms. Sub-742*  
*15/02/16*

*2923*  
*05/02/16*

*R-3690*  
*10/2/16*

*For info: Dean (B&W)*

*✓: EEC*

*Sd -*  
Executive Engineer

*fund are not available now. For 2016-17 we may refer it to next For fund position pls*

*1760*  
*11/2/16*

*412*  
*11/2/16*

*A.R./ECM fund not available in FY 2015-16*  
*seen by Director sir. sanctioned per*  
*11/2/16*

*AI*

भारत सरकार  
कार्यालय कार्यपालक अभियंता  
जबलपुर परियोजना मण्डल, के.जे.नि.वि.,  
पी.डी.पी.एम.,आई.आई.आई.टी.डी.एम.,कैम्पस,  
डुमना विमानतल मार्ग,पोस्ट-खमरिया  
जबलपुर (म.प्र.) - 482005



GOVERNMENT OF INDIA  
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PDPM-IIITDM CAMPUS,  
DUMNA AIRPORT ROAD POST-KHAMARIA,  
JABALPUR (M.P.) - 482005  
Email ID: [eejabalpurdivn@gmail.com](mailto:eejabalpurdivn@gmail.com)

**Phone: 0761-2903702, 0761-2903703**

State : M.P.  
Branch: B & R

Division : JPD, Jabalpur

Detail Estimate No.:

Name of Work :- Internal and external painting of Hall of Residency-I and Hall of Residency-III for IIITDM Campus at Jabalpur.

Major Head :-2216 Housing  
Minor Head :- Housing & Repairs  
Detailed Head :

This Preliminary cum Detailed Estimate is framed by Er. R.K. Chaudhary, Executive Engineer, Jabalpur Project Division, CPWD, PDPM IIITDM Jabalpur for the probable cost of Rs 45,71,800.00 (Rs. Fourty Five Lacs Seventy One Thousand & Eight Hundred only) i/c 5% Contingencies.

### // REPORT //

**History** :- This preliminary cum Detailed Estimate amounting to Rs 45,71,800.00 (Rs. Fourty five Lacs Seventy one thousand & Eight hundred only) i/c 5% Contingencies to cover the probable cost of the above mentioned work and accord of Administrative Approval and Expenditure Sanction from the competent authority for internal & external painting work of HOR-I and HOR-III building for Rs 42,33,100.00 (Rs. Fourty two Lacs Thirty Three Thousand One Hundred only) i/c 5% Contingencies. This preliminary cum detailed estimate has been prepared as per the requisition received from the PDPM IIITDM Jabalpur vide letter no.आई.आई.आई.टी.डी.एम. ज./बि.एवं का/ 2015/10/06 दिनांक.07/10/2015.

**Design & scopes**:-This estimate consists of white washing, Distempering with OBD Premium Acrylic Smooth exterior paint, textured exterior paint, water proofing cement paint, synthetic enamel paint all of old work mentioned under history. Area of the all finishing items has been opted from the client department. The following drawings submitted by the client department through letter no.आई.आई.आई.टी.डी.एम.ज./बि.एवं डब्ल्यू /15/11/01 दिनांक.2/11/2015.

• **Hall of Residence -I**

1. Facilities Block Plans, Elevations & Sections (Drgs. No.309)
2. Typical Wings 1,2 & 3 plans /sections (Drgs. No.310 A)
3. Typical Wing - Plans (Drgs. No.311)
4. Typical Wing- Elevations (Drgs. No.312)

• **Triple Seated Hall of Residence-III**

1. Wall Sections (Drgs. No.DD-01)
2. Plans, Elevation & Section (Drgs. No.W-11)
3. First Floor Plan (Drgs. No.W-20)
4. Second Floor Plan (Drgs. No.W-21)



Specification:-CPWD Specification 2009, vol-I & II with upto date correction slips.

T& P :- To be arranged by the contractor.

Cost :- Rs 45,71,800.00 i/c 5% Contingencies.

Land :-Building HOR-I & HOR-III of PDPM IIITDM Jabalpur are available.

Rates :-Based on DSR-2014 updated with C.I.

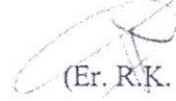
Method :-By contract after call of tender.

Time :-Four month after call of tender.



(Er.D.K. Shahani)

Assistant Engineer  
Jabalpur Project Division-I  
CPWD, Jabalpur



(Er. R.K. Chaudhary)

Executive Engineer  
Jabalpur Project Division  
CPWD, Jabalpur



### Abstract

NAME OF WORK:- Internal and external painting of Hall of Residency-I and Hall of Residency-III for IIITDM Campus at Jabalpur.						
Item No.	Description	Qty	Unit	Rate	Amount	Remarks
1	White washing with lime to give an even shade :					
1.1	Old work (one or more coats)	2100	Sqm	5.95	12495	Qty taken as per final bill made by the IIITDMJ.
2	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade :					
2.1	Old work (one or more coats)	61400	Sqm	28.80	1768320	Qty taken as per final bill made by the IIITDMJ.
3	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade					
3.1	Old work (Two or more coats applied @ 1.43 ltr/ 10 sqm) over existing cement paint surface.	11800	Sqm	48.25	569350	Qty taken as per final bill made by the IIITDMJ.
4	Finishing walls with textured exterior paint of required shade :					
4.1	Old work (One or more coats) applied @ 1.82 ltr/10 sqm.	14100	Sqm	75.80	1068780	Qty taken as per final bill made by the IIITDMJ.
5	Finishing walls with water proofing cement paint of required shade :					
5.1	Old work (one or more coats applied @ 2.20 kg/10 sqm) over priming coat of primer applied @ 0.80 litres/10 sqm complete including cost of Priming coat.	3300	Sqm	36.95	121935	Qty taken as per final bill made by the IIITDMJ.
6	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :					
6.1	One or more coats on old work	10200	Sqm	48.10	490620	Qty taken as per final bill made by the IIITDMJ.
		<b>TOTAL</b>			<b>4031500</b>	
					<b>4354020</b>	
					<b>217701</b>	
					<b>4571721</b>	
					<b>4571800</b>	
						Say

Assistant Engineer  
Jabalpur Project Subdivision No.1,  
CPWD, Jabalpur

Executive Engineer,  
Jabalpur Project Division  
CPWD, Jabalpur

16

B&WC/2016: 22.04	<p><b>To discuss and consider the estimate received from the CPWD for the work of A/R &amp; M/O for HOR-I (Hostel Buildings) and Core Lab Complex (Office Building) at the IIITDM Jabalpur.</b></p> <p>As decided in the B&amp;WC 21st meeting held on August 1, 2015, a request was sent to the CPWD for providing the estimate for the above work. The estimate, for the work, amounting to Rs. 24,57,200.00 (Rs. Twenty Four Lacs Fifty Seven Thousand Two Hundred only) i/c 5% Contingencies has been received from the CPWD. The same is being placed as <b>Annexure B&amp;WC/2016/22/A-3</b> (page 18 to 24)</p> <p><b>The committee is requested to consider the estimate and make its recommendations to the Finance Committee for onwards recommendations.</b></p>
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भारत सरकार  
कार्यालय कार्यपालक अभियंता  
जबलपुर परियोजना मण्डल, के.लो.नि.वि.,  
पी.डी.पी.एम.,आई.आई.आई.टी.डी.एम.,कैम्पस,  
डुमना विमानतल मार्ग,पोस्ट-खमरिया  
जबलपुर (म.प्र.) - 482005



GOVERNMENT OF INDIA  
OFFICE OF THE EXECUTIVE ENGINEER  
JABALPUR PROJECT DIVISION, C.P.W.D.  
PDPM-IIITDM CAMPUS,  
DUMNA AIRPORT ROAD POST-KHAMARIA,  
JABALPUR (M.P.) - 482005  
Email ID: eejabalpurdivn@gmail.com

Phone: 0761-2903702, 0761-2903703

No.23(5)/EE/JPD/15-16/128

Dated :- 05/02/2016

To,

The Registrar,  
IIITDM Campus,  
PDPM, Jabalpur.

Director

For perusal of  
2/9/2016

**Sub:-** A/R & M/O for HOR-I & HOR-III (Hostel Buildings) and Core Lab Complex (Office Building) for PDPM IIITDM Jabalpur.

**Ref.:-** Your office letter no. आई.आई.आई.टी.डी.एम.ज./बि. एवं का./2015/10/06, दिनांक.07/10/2015.

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Dear sir,

Please find enclosed herewith preliminary cum Detailed Estimate of the above subject work for obtaining administrative approval and expenditure sanctioned from the competent authority. This is for your kind information and necessary action please.

Encl: As above.

Executive Engineer  
Jabalpur Project Division.  
CPWD, Jabalpur.

Copy to:

1. The Superintending Engineer(C), BCC, CPWD, Bhopal for information please.
2. Assistant Engineer, JPSD-I, CPWD Jabalpur for information.

SI -  
Executive Engineer

R-3689  
10/2/16

For info : Dean (P4)  
EECO

2924  
05/02/16

For fund position. pl

R-3762  
15/2/16

EECO

10/2/16

1761  
11/2/16

A.R./PCA

Trade and capital head/General Exp. not  
available in FY 2015-16.

MR. (P4)

Done by Director Sir  
Forwarded pl

भारत सरकार  
कार्यालय कार्यपालक अभियंता  
जबलपुर परियोजना मण्डल, के.लो.नि.वि.,  
पी.डी.पी.एम.,आई.आई.आई.टी.डी.एम.,केम्पस,  
डुमना विमानतल मार्ग,पोस्ट-खमरिया  
जबलपुर (म.प्र.) - 482005



GOVERNMENT OF INDIA  
OFFICE OF THE EXECUTIVE ENGINEER  
JABALPUR PROJECT DIVISION, C.P.W.D.  
PDPM-IIITDM CAMPUS,  
DUMNA AIRPORT ROAD POST-KHAMARIA,  
JABALPUR (M.P.) - 482005  
Email ID: [eejabalpurdivn@gmail.com](mailto:eejabalpurdivn@gmail.com)

**Phone: 0761-2903702, 0761-2903703**

State : M.P.

Division : JPD, Jabalpur

Branch: B & R

Detail Estimate No.:

Name of Work :-A/R & M/O of Hall of Residency-I, Hall of Residency-III & Core Lab Building for PDPM, IIITDM Campus at Jabalpur.

Major Head :-2216 Housing

Minor Head :- Housing & Repairs

Detailed Head :

This Preliminary cum Detailed Estimate is framed by Er. R.K. Chaudhary, Executive Engineer, Jabalpur Project Division, CPWD, PDPM IIITDM Jabalpur for the probable cost of Rs.24,57,200.00 (Rs. Twenty Four Lacs Fifty Seven Thousand Two Hundred only) i/c 5% Contingencies.

### **// REPORT //**

**History** :- This preliminary cum Detailed Estimate amounting to Rs.26,53,800.00 (Rs. Twenty Six Lacs Fifty Three Thousand Eight Hundred only) i/c 5% Contingencies. to cover the probable cost of the above mentioned work and accord of Administrative Approval and Expenditure Sanction from the competent authority for annual repair and maintenance work of HOR-I, HOR-III and Core Lab Building including finishing works of HOR-I & HOR-III building for 26,53,800.00 (Rs. Twenty Six Lacs Fifty Three Thousand Eight Hundred only) i/c 5% contingencies. This A/R & M/O Estimate has been prepared as per the requisition received from the PDPM IIITDM Jabalpur vide letter no.आई.आई.आई.टी.डी.एम.ज./बि.एवं का./ 2015/10/06 दिनांक. 07/10/2015.

**Design & scopes**:-This estimate consists of white washing, Distemping with OBD Premium Acrylic Smooth exterior paint, textured exterior paint, water proofing cement paint, synthetic enamel paint all of old work and annual repair and maintenance of the buildings mentioned under history. Plinth area of the building & finishing item quantity has been opted from the client department the following drawings submitted by the client department through letter no.आई.आई.आई.टी.डी.एम.ज./बि.एवं डब्ल्यू./15/11/01 दिनांक.2/11/2015.

• **Hall of Residence -I**

1. Facilities Block Plans, Elevations & Sections (Drgs. No.309)
2. Typical Wings 1,2 & 3 plans /sections (Drgs. No.310 A)
3. Typical Wing - Plans (Drgs. No.311)
4. Typical Wing- Elevations (Drgs. No.312)

• **Core Lab Complex**

1. Ground Floor Plan (Drgs. No.201)
2. First Floor Plan (Drgs. No.202)
3. Roof Plan (Drgs. No.203)
4. Elevations (Drgs. No.204)



• **Triple Seated Hall of Residence-III**

1. Wall Sections (Drgs. No.DD-01)
2. Plans, Elevation & Section (Drgs. No.W-11)
3. First Floor Plan (Drgs. No.W-20)
4. Second Floor Plan (Drgs. No.W-21)

Generally this estimate divided broadly into four parts, as follows.

1. A/R & M/O work by contract.
2. Pay and Allowances of W.C. Staff
3. Liveries to W.C. Staff
4. Material required for day to day Maintenance

**Specification:-**CPWD Specification vol.2009, vol-I & II with upto date correction slips.

**T& P** :- To be arranged by the contractor.


**Cost** :- Rs. 26,53,800.00 i/c 5% Contingencies.

**Land** :-Building HOR-I & HOR-III and Core Lab Building of PDPM IIITDM Jabalpur is available.

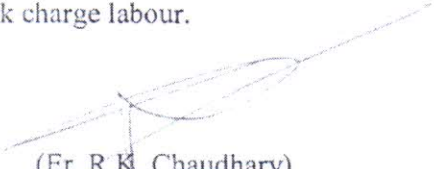
**Rates** :-Based on DSR-2014 updated with C.I. and Market Rate & Rate of W.C. Staff on present pay.

**Method** :-By contract after call of tender and thorough work charge labour.

**Time** :-One year (for 2016-17).

  
(Er.D.K. Shahani)

Assistant Engineer  
Jabalpur Project Division-I  
CPWD, Jabalpur

  
(Er. R.K. Chaudhary)  
Executive Engineer  
Jabalpur Project Division  
CPWD, Jabalpur

## GENERAL ABSTRACT

Name of Work	:A/R & M/O for HOR-I & HOR-III (Hostel Buildings) and Core Lab Complex (Office Building) for PDPM IIITDM Jabalpur.	
Sl.No.	Sub - Head	Amount
1	Work to be carried out by contract	0.00
2	Pay and allowance to W.C. staff	2245700.00
3	Liveries and W.A. to W.C. staff	10250.00
4	Material required for day to day maintenance	84235.00
	<b>Total</b>	<b>2340185.00</b>
	<b>Amount with C.I. @ 108%</b>	<b>2527400.00</b>
	<b>Amount with Contingencies @ 5%</b>	<b>2653770.00</b>
	<b>Say Rs.</b>	<b>2653800.00</b>

### AS PER YARD STIC HOR-I & HOR-III (HOSTEL BUILDING)

Type	Service Charge	Annual Repair	Total
HOR-I & HOR-III	3.10	3.55	
Add C.I.	( 6670 - 100 ) % 203.67	( 1629 - 100 ) % 54.28	
	<b>Total</b>	<b>57.83</b>	<b>264.60</b>


Total plinth area x current plinth area rate = Total grant admissible as per plinth area  
 22973.00 x 264.60 = 6078656.00


### AS PER YARD STIC Core Lab Complex (Office Building)(Office Building)

Type	Service Charge	Annual Repair	Total
HOR-I & HOR-III	2.75	3.15	
Add C.I.	( 6670 - 100 ) % 180.68	( 1629 - 100 ) % 48.10	
	<b>183.43</b>	<b>51.25</b>	<b>234.68</b>

Total plinth area x current Total grant admissible as per plinth area  
 4320.00 x 234.68 = 1013818.00

**Grand Total = 7092474.00**  
**Restricted to = 2653800.00**

  
 Assistant Engineer  
 Jabalpur Project Subdivision No.1,  
 CPWD, Jabalpur

  
 Executive Engineer,  
 Jabalpur Project Division  
 CPWD, Jabalpur

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Name of : A/R & M/O for HOR-I & HOR-III (Hostel Buildings) and Core Lab Complex (Office Building) for  
Work PDPM IITDM Jabalpur.


AS PER YARD STIC				
Sl.No.		No. of labour required as per yard stick ( See separate page )	Average pay per month as per W.C bills	Amount of pay for 12 months
1	Mason	1.150	Rs. 18084.00	249559
2	Plumber	0.950	Rs. 18084.00	206158
3	Carpenter	0.980	Rs. 18084.00	212668
4	Sewerman	0.900	Rs. 18084.00	195307
5	Beldar	5.46	Rs. 17606.00	1153545
6	Sweeper	0.00		0.00
7	Chowkidar	0.00		0.00
8	Muster Roll Worker	0.00		
9	Work Asstt.	0.00	Rs. 19040.00	228480.00
10	M.L.D.	0.00		0.00
11	L.T.C. for 2 & 4 Yrs.	0.00		0.00
			<b>Total</b>	<b>2245716.96</b>
			<b>Say</b>	<b>2245700.00</b>

Note: Post of Chowkidar, Sweeper and Work Asstt. Will be sanctioned by the Chief Engineer ( CZ ).

Name of : A/R & M/O for HOR-I & HOR-III (Hostel Buildings) and Core Lab Complex (Office  
Work Building) for PDPM IITDM Jabalpur.

Sl.No.	Item	No.	Rate	Amount ( Rs. )
1	Liveries for W.C. staff clothing etc.	5	800.00	4000.00
2	Chappal, Boot etc.	5	500.00	2500.00
3	Umberellas	3	250.00	750.00
4	Washing allowance			
	Soap	5	40 x 12	2400.00
	Towels ( Dusters )	5	30x12	600.00
			3	
5	Oils ( etc. )	-	L.S	0.00
6	Telephone and electrical charge for enquiry	-	L.S	0.00
				<b>10250.00</b>

  
Assistant Engineer  
Jabalpur Project Subdivision No.I,  
CPWD, Jabalpur

  
Executive Engineer,  
Jabalpur Project Division  
CPWD, Jabalpur



Report of V/A/R & M/O for HOR-I & HOR-III (Hostel Buildings) and Core Lab Complex (Office Building) for PDPM IIITDM Jabalpur.

Sl.No.	Description	Quantity	Rate	Unit	Amount
1	Cement ( issue rate )	5.00	5147.00	M.T.	25735
2	Bricks	3000.00	4.00	Each	12000
3	Coarse sand / fine sand	20.00	800.00	Cum	16000
4	Glass sheet - 4 mm thick	10.00	350.00	Sqm	3500
5	Stone aggregate 10,20 and 40 mm	5.00	400.00	Cum	2000
6	Second class teak, hard wood or wood substitute	-	-		0
7	Sanitary items W.C. pan, ' P ' traps, wash basin etc.		L.S.		15000
8	Water supply fittings ( Pipes, tees etc. )	-	L.S.		5000
9	Door and Window fittings ( Sliding door	-	L.S.		5000
10	Material like ply and A.C. sheet	-	L.S.		0
				<b>Total</b>	<b>84235.00</b>

Name of V/A/R & M/O for HOR-I & HOR-III (Hostel Buildings) and Core Lab Complex (Office Building) for Work PDPM IIITDM Jabalpur.

For HOR-I & HOR-III (Hostel building) plinth area 2,47,281.37 Sqft.

Sl.No.	Category	Total plinth area in sqft.	Required at the norm rate in lakhs of sqft.	Nos. as per yardstick	One Beldar for each Mason & One Beldar for each Carpenter.	Additional Beldar equal to 150% of the Mason & Carpenter	Total
1	Mason	247281.37	3	0.99	-	-	0.99
2	Carpenter		2.80	0.88	-	-	0.88
3	Plumber		3.00	0.82	-	-	0.82
4	Sewerman		3.00	0.82	-	-	0.82
5	Beldar		0	0	$(0.99+0.88)=1.87$	$(1.87 \times 1.50)=2.81$	4.68
						<b>Total</b>	<b>8.19</b>

For Core lab complex (office building) plinth area 46,500.48 Sqm

Sl.No.	Category	Total plinth area in sqft.	Required at the norm rate in lakhs of sqft.	Nos. as per yardstick	One Beldar for each Mason & One Beldar for each Carpenter.	Beldar twice the number of Mason and Carpenter	Total
1	Mason	46500.48	3 Lacs	0.16	-	-	0.16
2	Carpenter		5 Lacs	0.1	-	-	0.10
3	Plumber		3.6 Lacs	0.13	-	-	0.13
4	Sewerman		6 Lacs	0.08	-	-	0.08
5	Beldar		0	0	$0.16+0.10=0.26$	$0.26 \times 2=0.52$	0.78
						<b>Total</b>	<b>1.25</b>

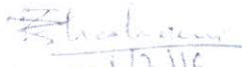
Assistant Engineer,  
Jabalpur Project Sub-Division No. I,  
CPWD, Jabalpur

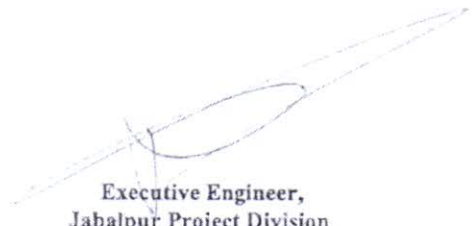
Executive Engineer,  
Jabalpur Project Division  
CPWD, Jabalpur



Name of Work : A/R & M/O for HOR-I & HOR-III (Hostel Buildings) and Core Lab Complex (Office Building) for PDPM IIITDM Jabalpur.

Sl.No.	Mason, Carpenter, Plumber, Sewerman	Beldar, Sweeper	Work Assistant
1	7200	7000	7600
2	8568	8330	9044
3	1440	1400	1520
4	400	400	400
5	476	476	476
6	18084	17606	19040

  
Assistant Engineer  
Jabalpur Project Subdivision I  
CPWD, Jabalpur

  
Executive Engineer,  
Jabalpur Project Division  
CPWD, Jabalpur



B&WC/2016: 22.05	<p><b>To consider the reporting items:</b></p> <p><b>1. The works taken up at Institute level since 21<sup>st</sup> meeting of B&amp;WC held on August 1, 2015:</b> A list of minor works executed / under execution at the Institute level, for which the A/A &amp; E/S has been accorded by the Director / Dean P&amp;D is being attached as <b>Annexure B&amp;WC/2016/22/A-4</b> (Page 26 to 27) for kind perusal of the committee.</p>
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**List of Minor Works for which A/A & E/S**  
**Accorded by the Director & Dean (P&D) PDPM-IIITDM, Jabalpur**  
**During the period August 01, 2015 to 28 April, 2016**

Sl. No.	Name of Works / Projects	Amount A/A. & E/S.
1	Annual Maintenance of water purifier for LHTC building at IIITDM Jabalpur	36,000/-
2	Hiring of JCB for levelling of ground near LHTC for Tarang Program	14,400/-
3	Engagement of Labours for plantation & other miscellaneous works (Period 18 days August, 2015)	29,000/-
4	P/F glass, wire mesh aluminum window shutter at Hall of Residence-I of PDPM IIITDM Jabalpur	78,821/-
5	Engagement of Labours for plantation & other miscellaneous works (Period 16 days September, 2015)	14,500/-
6	Hiring water tanker for Horticulture works for summer season at IIITDM Jabalpur (Period 02 months May & June, 2015)	44,000/-
7	Engagement of Labours for plantation & other miscellaneous works (Period 10 days October, 2015)	29,000/-
8	Electrification of Computer Lab at CR-207 and CR-208 at LHTC	36,360/-
9	Engagement of Labours for plantation & other miscellaneous works (Period 23 days November, 2015)	29,000/-
10	Procurement of CPVC pipe, PVC pipe and fittings for DST lab at Core Lab Complex	2,840/-
11	Engagement of Labours for plantation & other miscellaneous works (Period 10 days December, 2015)	29,000/-
12	Removing and reshifting of Aluminium partition at L-9	12,561/-
13	Engagement of Labours for plantation & other miscellaneous works (Period 13 days December, 2015)	29,000/-
14	Hiring water tanker for Horticulture works at IIITDM Jabalpur (Period 02 months October & November, 2015)	44,000/-
15	Engagement of Labours for plantation & other miscellaneous works (Period 17 days January, 2016)	7,250/-
16	Annual Maintenance of 03 Nos. Water Purifier for 03 Years at Hall of Residence-I, III and IV	4,04,163/-
17	Engagement of Labours for plantation & other miscellaneous works (Period 17 days January, 2016)	29,000/-
18	Providing and Laying distribution main lines for Recycled Water of STP in Hostel area	7,86,313/-



Sl. No.	Name of Works / Projects	Amount A/A. & E/S.
19	Hiring of JCB for levelling of ground for plants Nursery	20,000/-
20	Supply of CPVC pipe & fittings for making connection from submersible to sump well at NR-II	30,691/-
21	Hiring water tanker for Horticulture works at IIITDM Jabalpur (Period 02 months February & March, 2016)	44,000/-
22	Procurement of 02 Nos. Batteries for 250 KVA DG set at power house	40,000/-
23	Supply, Installation, Testing and Commissioning of 02 Nos. 1250 Amp 11KV Vmax ABB make VCB breaker	8,00,000/-
24	Drilling of 02 Nos. bore well at overhead tank and Core Lab Complex of PDPM IIITDM Jabalpur	8,64,176/-
25	Supplying and staking of dump manure at IIITDM Jabalpur	8,500/-
26	Procurement of CAT-6 cable for Visitors' Hostel	21,000/-
27	Electrification of computer labs at CR-209 & 210, L-7 and L-9	98,216/-
28	Making Gas Bank shade for Visitors' Hostel at IIITDM Jabalpur	80,000/-
29	Repairing of Boundary wall at IIITDM Jabalpur	1,97,412/-
30	Engagement of Labours for plantation & other miscellaneous works (Period 08 days February, 2016)	14,500/-
31	Refilling of Fire Extinguishers of Core Lab, Hall-I and Hall-III of PDPM IIITDM Jabalpur	94,346/-
32	Engagement of Labours for plantation & other miscellaneous works (Period 24 days February, 2016)	29,000/-
33	Purchase of HDPE pipe to extend the existing line from Hall-3 to Mess & Dining Hall to use clean (from new STP) water for gardening	14,840/-
34	Engagement of Labours for plantation & other miscellaneous works (Period 11 days March, 2016)	29,000/-
35	Extension of kitchen area of canteen at Hall of Residence-I	1,23,642/-
36	Engagement of Labours for plantation & other miscellaneous works (Period 66 days April, 2016)	87,000/-
37	Hiring of water tanker for horticulture work for summer season at IIITDM Jabalpur (Period 04 months April, May, June & July 2016)	88,000/-
38	Hiring of JCB for levelling of ground for medicinal garden near Hall-I and at miscellaneous places	67,040/-
<b>Total Amount</b>		<b>44,06,571/-</b>

Say Rs. 44.07 Laacs

B&WC/2016: 22.06	Any other Item with the Permission of the Chair.
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The proposed agenda may be approved.

*R. P. Dwivedi*  
(R. P. Dwivedi) 21/4/2016

Officer-In-Charge Estate

Registrar

Secretary, B&WC

Chairman, B&WC

*Appd'*  
*R. P. Dwivedi*  
21/4/16

