

Agenda

2011/ 1st Meeting

of the

**Building & Works
Committee**

Venue of the Meeting

Conference Hall, PDPM-IIITDM, Jabalpur

Date and Time of the Meeting

June 21, 2011 at 11.00 Hrs



PDPM
Indian Institute of Information Technology, Design
and Manufacturing Jabalpur

B&WC/2011/1ST MEETING

[To be Held on June 21, 2011(Tuesday) at 1100 Hrs.]

Venue : Conference Hall, PDPM-IIITDM Dumna Airport Road Jabalpur

AGENDA

Item No.	Agenda Item	Page No
B&WC/2011: 1.01	Opening remarks by the Chairperson.	2
B&WC/2011: 1.02	Confirmation of Minutes of 2010/3 rd / meeting of the Building & Works Committee held on November 27, 2010	2
B&WC/2011: 1.03	To consider the Revised Preliminary Estimate for Triple Seated Hall of Residence 1(renamed as Hall of Residence-3)	2
B&WC/2011: 1.04	To consider the Preliminary Estimate for the work of Construction of Library cum Computer Centre for PDPM-IIITDM, Jabalpur(rechecked estimate from CPWD)	3
B&WC/2011: 1.05	Reporting of items- Administrative and Financial Approval given by Director for Construction works taken up at the Institute level	4
B&WC/2011: 1.06	Any other item with the permission of the Chair	4

B&WC/2011: 1.01 Opening Remarks by the Chairperson

Opening remarks by the Chairperson will be presented in the meeting itself.

B&WC/2011: 1.02 Confirmation of the Minutes of 2010/ 3rd Meeting of the B&WC held on November 27, 2010

Minutes were circulated after the meeting and are placed at **Annexure B&WC/2011/1/A-1 (Page No. 05 to 10)**. No comments have been received from the members.

The Building & Works Committee is requested to confirm the same.

B&WC/2011: 1.03 To consider Revised Preliminary Estimate of Triple Seated Hall of Residence 1(Renamed as Hall of Residence- 3)

The need of preparation of Revised Preliminary Estimate has arisen due to the reason that the work is in progress and escalation clauses (10 cc) is applicable as per agreement. The approved cost index at Jabalpur was not taken into account at the time of preparation of the Preliminary Estimate.

A Revised Preliminary Estimate has been framed by the consultant M/s Datta & Datta Associates, Ahmedabad considering 22% Cost Index as approved by the CPWD for Jabalpur and also incorporating the items of richer specifications in it. The Revised Preliminary Estimate amounting to Rs 2,155/- lacs(Rupees Two thousand one hundred and fifty five lacs only) including 22% Cost Index, 1% for Quality Assurance, 1% for Labour cess, 3% Contingency and 5% Architect fee+12% Service tax (against the original PE of Rs 1,690/- lacs), as forwarded by the consultant has been placed as **Annexure/ B&WC/2011/1/A-2(page No. 11 to 13)**

The B & WC is requested to consider the Revised Preliminary Estimate of Triple Seated Hall of Residence 1(Hostel 3) at PDPM-IIITDM, Jabalpur for an amount of Rs 2,155/- lacs(Rupees Two thousand one hundred and fifty five lacs only) (including 22% Cost Index, 1% for Quality Assurance, 1% for Labour cess, 3% Contingency and 5% Architect fee and Service Tax as applicable thereon) and to request the Finance committee to consider the same for onward recommendation to the Board of Governors for its administrative approval and expenditure sanction.

B&WC/2011: 1.04 To consider the Preliminary Estimate for the work of Construction of Library cum Computer Centre(rechecked estimate from the CPWD)

A Preliminary Estimate amounting to Rs 2376/- lakhs including (22% cost index & 3% Contingencies) was prepared by M/s Datta & Datta Associates . The estimate was further vetted by the CPWD for modified drawings & for an amount of Rs 2,359.47 lacs(Rupees Two thousand three hundred fifty nine and point four seven lacs only) including 22% Cost Index, 1% for Quality Assurance, 1% for Labour cess 3% Contingency and 5% Architect fee+ Service Tax(Annexure/B&WC/2011/1/A-3) (page No. 14 to 20).

The estimate was put up in the 3rd meeting of the Finance Committee held on 27 December 2010 at Conference Hall, Shastri Bhawan MHRD Delhi. The Finance Committee opined that the per sqm cost of building was on a higher side so the estimate was required to be rechecked by the CPWD by review of the provisions/calculations in the estimate. The Preliminary Estimate was sent to the CPWD on 16.03.2011 for rechecking. The rechecked Preliminary Estimate is awaited from the CPWD. The same shall be put up on the table during the meeting itself.

The B & WC is requested to consider the rechecked Preliminary Estimate from the CPWD for construction of Library cum Computer Centre for an amount as vetted by the CPWD (including the architect fee separately) after rechecking and to request the Finance Committee to consider the same for onward recommendation to the Board of Governors for its administrative approval and expenditure sanction.

B&WC/2011: 1.05 Reporting Items:

a) **The construction works taken up at Institute level:** The minor constructions taken up and executed at the Institute level with the accord of A/A & E/S by the director are given at Annexure/ B&WC/2011/1/A-4 (Page No. 21 to 22). These works have been executed/ under process after the last meeting of B&WC held on November 27, 2010.

b) **To discuss the progress of the work of construction of Mess & Dinning Hall at PDPM-IIITDM Jabalpur**

B&WC/2011: 1.06 Any other Item with the Permission of the Chair

The above agenda may please be approved

(R. P. Dwivedi)
Deputy Registrar
Secretary B&WC

Director & Chairperson, B&WC
PDPM- IIITDM Jabalpur

ANNEXURE

B&WC/2011/1/A-1

Minutes of 2010/3rd Meeting of the
B&WC held on November 27, 2010

(Page -5 to 10)

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

Minutes of 2010/3rd Meeting of Building & Works Committee of PDPM Indian Institute of Information Technology, Design & Manufacturing Jabalpur held on November 27, 2010 at 12.00 Hours in Conference Hall of the Institute.

Members Present:

- | | | |
|-----|---|---|
| 1. | Prof. Aparajita Ojha
Director, PDPM-IIITDM Jabalpur | Chairperson |
| 2. | Prof. Puneet Tandon
Dean, Planning and Development
(PDPM-IIITDM Jabalpur) | Member |
| 3. | Shri D K Pandey, SE, MPPKVV Co Ltd | (Nominee of Shri Pankaj
Kshatriya, SE, MPPKVV Co
Ltd.) Member |
| 4. | Shri J. P Singh, AE, CPWD | (Nominee of Shri A. Verma,
SE, CPWD) Member |
| 5. | Shri AP Singh, CE (CZ), CPWD, Bhopal. | Special Invitee |
| 6. | Shri Gyanendra Singh
(Divisional Manager, MPRD Corp. Jabalpur) | Special Invitee |
| 7. | Dr. Prabir Mukhopadhyay

(PDPM-IIITDM Jabalpur) | Special Invitee |
| 8. | Dr. Dinesh Vishwakarma,
(PDPM-IIITDM Jabalpur) | Special Invitee |
| 9. | Dr. Atul Gupta
(PDPM-IIITDM Jabalpur) | Special Invitee |
| 10. | Shri V K Dubey
(PDPM-IIITDM Jabalpur) | Institute Engineer |
| 11. | Shri R.P. Dwivedi, Dy Registrar | Secretary |

Shri R.P. Dwivedi

B&WC/2010:03:01

Opening Remarks by the Chairperson, B&WC

Chairperson and the Director of the Institute Prof. Aparajita Ojha welcomed all the members. Then the Chairperson introduced the nominees of the members and special invitees with the other members of the Committee.

B&WC/2010:03:02

Confirmation of Minutes of 2010/2nd meeting of the Building & Works Committee held on 24 July, 2010.

Minutes of the 2010/2nd meeting of B&WC held on July 24, 2010 were confirmed.

B&WC/2010:03:03

To consider the Preliminary Estimate for the work of Construction of PG Hostel at PDPM-IITDM

The B&WC discussed at length the concept drawings, design, specification and Preliminary Estimate of the above construction work. The immediate requirement of separate Hostel for single/married PG students due to continuous increase in their strength was also taken into consideration. The CE(CZ), CPWD informed that checking of the PE would take some more time as the electrical domain in the estimate would get vetted from the CE(Electrical) West Zone Mumbai. However, presently a provisional recommendation could be made for an amount of PE prepared by the consultant with additional provision of 4% for Service Tax, 1% for Labour cess & 1% for Quality Assurance (i.e total 6% extra).

After discussions the B&WC approved the preliminary estimate for a provisional amount of ₹3268 Lacs(Rupees Three thousand two hundred sixty eight lacs only) (Amount of PE forwarded by the consultant ₹ 3097.lacs - 6% on ₹ 2854 lacs i.e ₹ 171 lacs) including 22% cost index,4% service tax, 1% Labour cess, 1% quality assurance, 5% architect fee and 3% contingencies subject to vetting from CPWD.

The Committee recommended to the Finance Committee to consider the above proposal for onward recommendation to the BOG for Administrative Approval and Financial Sanction.

B&WC/2010:03:04

To consider the Preliminary Estimate for the work of Construction of Library cum Computer Center

The B&WC discussed the modified drawings, design, specification and modified Preliminary Estimate of the above construction work forwarded by the consultant. The committee had shown its satisfaction on reduction of plinth area by reducing the circulation area in the modified drawings as compared to the previously forwarded drawings. The modified division of spaces on different floors for Library and Computer Center was also appreciated.

The CE(CZ), CPWD informed that checking of the PE would take some more time as the electrical domain in the estimate would get vetted from the CE(Electrical) West Zone Mumbai. However, presently, a provisional recommendation could be made for an amount of PE prepared by the consultant with additional provision of 4% for Service Tax as the same was not taken into account in the submitted estimate.

After discussions, the B&WC approved the Preliminary Estimate for a provisional amount of ₹2186 Lacs (Rupees Two thousand one hundred eighty six lacs only) (Amount of PE forwarded by the consultant ₹ 2107 lacs + 4% on ₹ 1969 lacs i.e ₹ 79 lacs), including 22% cost index, 4% Service Tax, 1% Labour Cess, 1% Quality Assurance, 5% Architect Fee and 3% contingencies subject to the vetting from CPWD.

The Committee recommended to the Finance Committee to consider the above proposal for onward recommendation to the BOG for Administrative Approval and Financial Sanction.

B&WC/2010:03:05

To consider the Preliminary cum Detailed Estimate for the Work of Construction of Basket Ball Court (indoor) Complex

The members deliberated the immediate requirement of additional space for the Institute. The current and ultimate use of the proposed hall was also discussed. It was informed by the consultant that certain modification had been made in the estimate against the suggestions received from the SE, CPWD so as to make the hall functional immediately after its construction. The vetted estimate by the CPWD for an amount of ₹ 230 lacs (Rupees Two hundred thirty lacs only) was discussed in detail. It was clarified by the member from the CPWD that the difference in amount of estimate forwarded by the consultant and that of the vetted estimate is because of the reason of taking into account the 4% for Service Tax, 1% for Labour Cess & 1% for quality assurance and omitting 1.5% of project management. After discussions, the Committee approved the Preliminary cum Detailed Estimate amounting to ₹ 230 lacs (Rupees Two thirty lacs only) including 22% cost index, 4% Service Tax, 1% Labour Cess, 1% Quality Assurance, 3% Contingencies and 5% Architect fee as vetted by the CPWD.

The Committee recommended to the Finance Committee to consider the above proposal for onward recommendation to the BOG for Administrative Approval and Financial Sanction.

B&WC/2010:03:06

To consider the Revised Preliminary Estimates (RPE) for the work of Construction of Hall of Residence I

The Revised Preliminary Estimates (RPE) for the work discussed at length. Some of the members pointed out that it would have been better if the RPE were prepared considering the actual expenditure incurred in the work. It had been clarified that in that case the final payment to the construction agencies would be delayed because of non availability of the A/A & E/S. Hence the instant RPE had got prepared in view to have expenditure sanction well in advance for making final payments to the construction agencies. It was also clarified that the RPE had been prepared considering the provision of approved cost index as on 1.10.2007 i.e a period well within the actual time period allocated for the work (i.e 18.03.2007 to 18.01.2008). After discussions the committee approved the Revised Preliminary Estimate for an amount of ₹ 1473 lacs (Rupees one thousand four hundred seventy three lacs only) against the Preliminary Estimate amount of ₹ 1192.

The Committee recommended to the Finance Committee to consider the above proposal for onward recommendation to the BOG for Administrative Approval and Financial Sanction.

B&WC/2010:03:07

To consider the matter related to release of Security Deposit against the Bank guarantee for the work of C/o Triple Seated Hall of Residence 1

The committee deliberated on the letter received from the CE(CZ), CPWD Bhopal in the related subject matter. The CE(CZ) CPWD pointed out that although as per clause 1(a) of "General conditions of contract CPWD 2008", the security deposit could be released in lieu of bank guarantee but it would be necessary for the contract under consideration that the "General conditions of contract CPWD 2008" would be the part of agreement of the work. It had been clarified that the "General conditions of contract CPWD 2008" was the part of agreement in the work under issue. The committee agreed to approve the matter of release of security deposit against bank guarantee. Further in accordance with suggestions of the CE(CZ) Bhopal the committee made the following recommendations:

- 1) The bank guarantee provided by the agency should have validity upto a period as specified in the agreement as the maintenance period after actual date of completion.
- 2) The confirmation of Bank Guarantee should be acquired from the issuing bank of bank guarantee before releasing the amount of Security Deposit.

B&WC/2010:03:07A

To consider the Preliminary Estimate for the work of Construction of Student Activity Centre (Phase I)

The committee discussed at length the PE and Preliminary drawings for the work, provided by the consultant. The CE(CZ) CPWD informed that the PE forwarded by the consultant could not be checked because of non availability of clear dimensions on the drawings and non availability of analysis of rates for market rated items. Shri Anirudh Datta, the representative from the consultant M/s Datta & Datta Associates assured to make available the same immediately after the meeting. The CE(CZ) reiterated the need of 4% service tax in preliminary estimates.

The committee deliberated on the PE and approved the same for a provisional amount for ₹ 1129 lacs (Rupees one thousand one hundred twenty nine lacs only) (PE amount (corrected) ₹ 1088 lacs - 4% service tax on ₹ 1014 lacs i.e 41 lacs) including 22% cost index, 4% Service tax, 1% labour cess, 1% for quality assurance, 3% contingencies and 5% Architect fee, subject to vetting by CPWD.

The Committee recommended to the Finance Committee to consider the above proposal for onward recommendation to the BOG for Administrative Approval and Financial Sanction.

Alankar P. Gais

B&WC/2010:03:08 Any Other item with the permission of chair- The following items were considered by the committee with the permission of the chair.

1. B&WC/2010:03:08A To take up the works upto ₹ 40 lacs at Institute level-

The committee deliberated the need of taking up the construction works upto ₹40 lacs (Rupees Forty lacs only) at Institute level. It was informed to the members that there is a dire need of lab space, Lecture Halls, Library, Faculty offices etc. as the number of students and faculty are increasing. Due to procedural delays or some of the unforeseen reasons large constructions will take their own course of time. However, the growing demand of students and faculty cannot be overlooked.

In view of the above, it was proposed to initiate small construction works upto the amount of ₹ 40/- lacs (Rupees forty lacs only) at the Institute level following the CPWD manual/ norms. The CE(CZ) CPWD provided its consent to give a NO objection certificate from CPWD for taking up such works at the Institute level.

Based on the consent of CE(CZ) Bhopal the Committee recommended to the Finance Committee to consider the above proposal for onwards recommendations to the BOG for final approval.

2. B&WC/2010:03:08B To consider the Preliminary cum Detailed Estimate for the work of External Sewerage System(Phase I)

The committee discussed at length the concept drawings and Preliminary cum Detailed Estimate provided by the consultant for the above work. The immediate need of sewerage system for treatment of sewerage of the existing buildings in the Institute premises had also been deliberated. In view of urgent need of sewerage system, the CE(CZ) advised to accept the Preliminary cum Detailed Estimate amounting to ₹ 114.7 lacs (Rupees one hundred fourteen point seven lacs only) as provided by the consultant.

After discussions, the committee approved the Preliminary cum Detailed Estimate and concept drawings for the work for a provisional amount of ₹ 118.8 lacs (Rupees one hundred eighteen point eight lacs only) (Preliminary cum Detailed Estimate 114.8 + ser tax 4% on ₹ 104 lacs)

The Committee recommended to the Finance Committee to consider the above proposal for onward recommendation to the BOG for Administrative Approval and Financial Sanction.


3. B&WC/2010:03:08C To consider the estimate for a Project Team Office of the CPWD at Jabalpur

The CE(CZ). CPWD Bhopal informed that a proposal to establish a Division office of CPWD at Jabalpur had been forwarded to the DG(works) CPWD, in view to expedite the progress of works of the Institute and it had been suggested by the DG, CPWD that a project team could be created at PDPM-IIITDM Jabalpur by getting sanction from the client for the cost of the team. An estimate amounting to ₹ 227.30 lacs (Rupees Two hundred twenty seven point three lacs only)(including 3% contingencies) for probable cost of project team

for a period of 3 year was submitted by the CE(CZ), CPWD. It was pointed out by the CE(CZ) that the cost of the project team was very nominal i.e 1.25% of the cost of construction projects of the Institute currently with the CPWD. It was also pointed out that in the said project team, the officers of CPWD would get delegated the financial powers of one higher cadre. This will help in expediting the process of technical sanction and tendering process too. Moreover, CPWD is not charging the departmental charges from the Institute as it is fully funded Central Government Institute. Thus sanction for the estimate could be accorded.

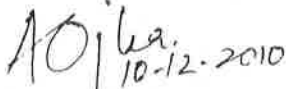
The Committee recommended to the Finance Committee to consider the above proposal for onward recommendation to the BOG for Administrative Approval and Financial Sanction

The meeting ended with a vote of thanks to the Chair and other members.



(R. P. Dwivedi)
Deputy Registrar & Secretary

Submitted for Approval please



(Prof. Aparajita Ojha)
Chairperson

ANNEXURE

B&WC/2011/1/A-2

Revised Preliminary Estimate of
Triple Seated Hall of Residence 1
(Hall of Residence 3)

(Page -11 to 13)

Name of work: Constructuion of Triple Seated Hall of Residence-I at PDPM-IIITOM, Jabalpur

SUMMARY OF COST

Sl. No	Description	As per P. E. Amount in Rs.	As per R. P. E. Amount in Rs.
	Framed Structure as per Appendix : (Civil + Electrical)	15,52,36,148.80	16,25,15,724.21
2	Water tank	324,000.00	Nil
	Total A	15,55,60,148.80	16,25,15,724.21
3	Cost Index @ 22% on A	Nil	3,57,53,459.32
4	Quality assurance @ 1% on A	Nil	16,25,157.24
5	Labour Cess @ 1% on A	15,55,601.48	16,25,157.24
6	Architects Fees @ 5.619% (5% fee + Service tax @ 12.36%) on A	87,30,935.55	91,30,133.38
7	Cost of Project Management @ 1.69% (1.5% + Service tax @ 12.36%) on A	26,28,955.51	Nil
8	Contingencies 3% on A	(Lump Sum) 5,00,000.00	48,75,471.72
	Grand Total	16,89,74,752.35	21,55,25,103.11
	Say	Rs. 1690 Lacs	Rs. 2155 Lacs

Name of work: Construction of Triple Seated Hall of Residence-I at PDPM-IITDM, Jabalpur

Preliminary Estimate & Revised Preliminary Estimate based on Delhi Plinth Area Rates 1.10.2007

Sl. No.	D.P.A.R. CODE	Description	Unit	Qty	As per P. E.		As per R. P. E.	
					Rate (in Rs.)	Amount (in Rs.)	Rate (in Rs.)	Amount (in Rs.)
		1 RCC FRAMED STRUCTURE						
	1.1	RCC framed structure up to six storeys						
	1.1.2	Floor height 2.90 mt.	Sqm	11,897.68	9,100.00	108,268,888.00	9,100.00	10,82,68,888.00
		Extra for						
2	1.2.3	Every 0.30 mt. additional height of floor above normal floor height of 3.35 mt./2.90 mt.	Sqm	11,897.68	150.00	1,784,652.00	150.00	1,784,652.00
3	1.2.4	Every 0.30 mt. higher plinth over normal plinth height of 0.30 mt. (1.020 mt. ht.)	Sqm	2,496.44	150.00	374,466.00	150.00	374,466.00
							Total (A)	11,04,28,006.00
4	1.2.5	Every 0.30 mt. deeper foundations over normal depth of 1.20 mt. (2.00 mt. dept.)	Sqm	3,357.20	150.00	503,580.00	150.00	503,580.00
5	1.2.8	Resisting earthquake forces Stronger structural members to take heavy load above 500	Sqm	11,897.68	630.00	7,495,538.40	630.00	7,495,538.40
6	1.2.11	Kgs./sqm. up to 1000	Sqm	100.92	850.00	85,782.00	850.00	85,782.00
7	1.2.12	Larger modules over 35 sqm.	Sqm	352.80	990.00	349,272.00	990.00	349,272.00
8	1.2.13	Verified flooring -DSR item code 11.41.2 (1931.85) -DSR item code 11.10.1 (318.25)	Sqm	700.00	N/A	N/A	713.30	499,520.00
9	1.2.14	Aluminium windows -DSR item 21.1.2.2 (326.6) -DSR item 10.15 (92.25)=234.35	Sqm	25,000.00	N/A	N/A	234.35	58,56,250.00
		1.4 Fire Fighting						
10		With wet riser system	Sqm	11,897.68	300.00	35,69,304.00	300.00	35,69,304.00
		3.0 SERVICES						
		Internal water supply and sanitary installations	Sqm	108,268,888.00	13.00	1,407,505.54	11,04,28,006.00	1,407,505.54

ANNEXURE

B&WC/2011/1/A-3

Preliminary Estimate for the work of Construction of Library-cum-Computer Centre (rechecked estimate from the CPWD)

(Page -14 to 20)

GOVERNMENT OF INDIA
OFFICE OF THE CHIEF ENGINEER
CENTRAL ZONE , CENTRAL P.W.D.,
BHOPAL.

PRELIMINARY ESTIMATE

**NAME OF WORK : - C/o Library cum Computer Centre for IIIT D&M at
Jabalpur (MP)**

AMOUNT:- Rs. 2359.47 Lakhs including contingencies

P.E. No.:- 42 / CE(CZ) / 2010- 2011

CPWD

**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT**

State : M.P.

Division : BCD-II

Branch : B&R

Preliminary Estimate No. : 42/CE(CZ)/2010-11

Name of Work:- C/o Library cum Computer Centre for IIIT D&M at Jabalpur (MP)

Fund :-

Major Head

Minor Head

Detailed Head

Deposit Work

This Preliminary Estimate is framed by M/s Datta and Datta Associates, Ahmedabad, the consultants for the work appointed by PDPM IIIT D&M, Jabalpur, and processed by Er. J.P. Sharma, Executive Engineer(P) I, CZ, CPWD, Bhopal for Civil part and Er. Harish Kumar, Superintending Engineer (E)(P), CPWD, Mumbai for Electrical part of the probable cost of Rs. 2359.47 lakhs (Rupees Twenty three crore fifty nine lakhs forty seven thousand only) including contingencies.

REPORT

History:- This Preliminary estimate amounting to Rs. 23,59,47,000/- including 3% contingencies and 5.612% consultancy fee has been framed to meet the probable cost of the above work and for obtaining Administrative Approval & Expenditure Sanction from the competent authority.

The requisition for the work has been communicated by the institute during the meeting dated 28.08.2010 at Delhi.

Design & Scope :- The preliminary estimate has been framed based on the following architectural drawings, received from Director, PDPM IIIT D&M, Jabalpur and developed by consultant Architects M/s Datta and Datta Associates on- behalf of PDPM IIIT D&M, Jabalpur (MP).

Sr.No.	Drg. No.	Description
1	A - 01	Ground Floor Plan
2.	A- 02	First Floor Plan
3.	A- 03	Second Floor Plan
4.	A- 04	Third Floor Plan

The estimate provides for construction of Library cum Computer Center in Ground + 3 upper floor constructions. The building shall be RCC framed structure. Capacity of soil information is assumed at 180 Kn /sqm, yet to be determined.

The building is RCC framed structure Ground + 3 upper floor construction.

SPECIFICATION : The work shall be carried out as per CPWD specification 2009 Vol I to II.

RATE :- As per PAR 2007 with upto date correction slips duly enhanced by proposed cost index of 123 for Jabalpur as on 01.07.10.

COST :- Rs. 23,59,47,000/- including 3% Contingencies and consultancy fee.

The cost projected in this estimate is liable to revision due to probable escalation in cost of construction apart from other reasons such as change in scope, area, design, specification etc, If, and as desired by the client department at a later date.

W.C. Estt. :- Shall be met out of contingencies, if required.

LAND :- Available with client.

T & P :- No special T&P will be required.


METHOD :- By contract after call of tenders.

TIME :- After receipt of A/A & E/S
 (i) planning 6 (Six) Months
 (ii) Execution 18 (Eighteen) Months
24 (Twenty Four) Months

Asstt. Engineer(P)
C.Z., CPWD, Bhopal

Executive Engineer (P) I
C.Z., CPWD, Bhopal

Superintending Engineer (P)
C.Z., CPWD, Bhopal


27.12.10

16

CE(CZ)

ABSTRACT OF COSTS

me of Work:- C/o Library cum Computer Center for IIIT D&M at Jabalpur(MP)

SR.	DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT	
I - I :- Building Portion						
1.0	CIVIL					
1.1	R.C.C.framed structure up to six storeys Floor height 3.35 Mt.	6,120.00	Sqm	13200.00	80784000.00	
	Extras for					
1.2	Every 0.30 mt additional height of floor above normal floor height of 3.35 mt. / 2.90 mt. (Proposed hight of floor 3.65 mt)					
	Ground Floor	1,530.00	Sqm	150.00	229500.00	
	First Floor	1,530.00	Sqm	150.00	229500.00	
	Second Floor	1,530.00	Sqm	150.00	229500.00	
	Third Floor	1,530.00	Sqm	150.00	229500.00	
1.3	Every 0.30 mt higher plinth over normal plinth height of 0.60 mt (Proposed plinth height 0.90 mt ht.)	1,530.00	Sqm	150.00	229500.00	
1.4	Every 0.30 mt deeper foundation over normal depth of 1.20 mt for ground floor area only. = 1.5 mt = 1.50-1.2 = 0.3	1,530.00	Sqm	150.00	229500.00	
					82161000.00	'A'
1.5	Making stronger foundations to take load of one additional floor at a later date (on area of additional floor only)	1,530.00	Sqm	1250.00	1912500.00	
1.6	Resisting earthquake forces	6,120.00	Sqm	630.00	3855600.00	
1.7	Stronger structural members to take heaby load above 500 Kg / Sqm upto 1000 Kg / Sqm	50.00	Sqm	850.00	42500.00	
1.8	Larger modules over 35 sqm					
	Ground Floor	1,530.00	Sqm	990.00	1514700.00	
	First Floor	1,530.00	Sqm	990.00	1514700.00	
	Second Floor	1,530.00	Sqm	990.00	1514700.00	
	Third Floor	1,530.00	Sqm	990.00	1514700.00	
1.9	RCC overhead tank without independent staging including fire tank	25,000.00	Litre	9.00	225000.00	?
	SERVICES					
1.11	Internal water supply and sanitary installations	82,161,000	%	4.00	3286440.00	✓
1.12	External service connections	82,161,000	%	3.75	3081038.00	✓
				Total	100622878.00	
	Add Cost Index for Jabalpur 123 i.e. @ 23%				23143262.00	
				Total	123766140.00	
				Say	123766100.00	
	AE(P)			EE(P)I		
	CZ, CPWD, Bhopal			CZ, CPWD, Bhopal		

ABSTRACT OF COSTS

name of Work:- C/o Library cum Computer Center for IIT D&M at Jabalpur(MP)

SR.	DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT
1 - I : - Building Portion					
2.0	ELECTRICAL				
2.1	Internal Electric Installation	82,161,000.00	%	12.50	10270125.00
2.2	External service connection	82,161,000.00	%	1.25	1027013.00
2.3	Extra for Power plugs	82,161,000.00	%	4.00	3286440.00
2.4	Telephone Conduits and wiring	82,161,000.00	%	0.50	410805.00
2.5	Lightning conductors	82,161,000.00	%	0.25	205403.00
2.6	Extra for TV cabling	82,161,000.00	%	1.00	821610.00
2.7	Extra for special energy efficient lighting fixtures	82,161,000.00	%	1.50	1232415.00
2.8	Extra for Computer Cabling	82,161,000.00	%	0.50	410805.00
2.9	Lift of 13 Passenger capacity ACVVVF, serving - G+3 f	1.00	Each	2000000.00	2000000.00
2.10	Goods lift 1000 Kg capacity	1.00	Each	1500000.00	1500000.00
2.11	Airconditioning plant with microprocessor controls etc. 2 C 150 TR working	300.00	TR	75000.00	22500000.00
2.12	Fire fighting with wet riser system for entire building	6,120.00	Sqm	300.00	1836000.00
2.13	Inteligent addressable Fire alarm system	6,120.00	Sqm	500.00	3060000.00
2.14	Non-wet fire fighting system		LS		1000000.00
2.15	Integrated building automation system, energy saving devices such as automatic switching system, sensors including equipment for conferencing system		LS		6000000.00
2.16	Digital public address system		LS		1500000
2.17	UPS-2 X 100 KVA for computer centre with 30 min back	1	Each	3000000	3000000.00
2.18	CCTV & Access control system		LS		2000000.00
2.19	Solar PV system 10 KWp		LS		3000000.00
2.20	Solar water heating system		LS		200000.00
				Total	65260616.00
	Add Cost Index for Jabalpur 123 i.e. @ 23% on all items except item No. 2.9 to 2.22				4062862.00
				Total	69323478.00
				Say	69323500.00
AE(P)	CZ, CPWD, Bhopal			EE(P)	CZ, CPWD, Bhopal

ABSTRACT OF COSTS

Name of Work:- C/o Library cum Computer Center for IIIT D&M at Jabalpur(MP)

SR.	DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT
H - II : Development of Site					
1.1	Levelling	8,000.00	Sqm	55.00	440000.00
1.2	Internal roads and paths	8,000.00	Sqm	83.00	664000.00
1.3	Sewer	8,000.00	Sqm	63.00	504000.00
1.4	Unfiltered water supply	8,000.00	Sqm	27.00	216000.00
1.5	Storm water drains	8,000.00	Sqm	50.00	400000.00
				Total	2224000.00
	Add Cost Index for Jabalpur 123 i.e. @ 23%				511520.00
				Total	2735520.00
				Say	2735500.00
2.0	ELECTRICAL				
2.1	Compound lighting	8000.00	Sqm	95.00	760000.00
2.2	Façade lighting		LS		500000.00 MR
				Total	1260000.00
	Add Cost Index for Jabalpur 123 i.e. @ 23% on item No. 2.1				174800.00
				Total	1434800.00
	AE(P) CZ, CPWD, Bhopal			EE(P) CZ, CPWD, Bhopal	

ANNEXURE
B&WC/2011/1/A-4

The construction works taken up at
Institute level

(Page P-21 to 22)

List of Minor Works for which A/A & E/S
Accorded by the Director PDPM-IIITDM, Jabalpur
During the period 27.11.2010 to 10.06.2011

Sl. No.	Name of Works / Projects	Amount A/A. & E/S.
1	P/F available grills in opening of existing boundary wall, repairs and miscellaneous works at PDPM-IIITDM Jabalpur	9,56,954/-
2	C/o. Shed for additional Computer Centre	16,37,977/-
3	Making platform with granite top and sink for temporary arrangement at Triple Seated Hall of Residence-I	1,76,408/-
4	Purchase of electrical instruments for IWD. Electrical work	59,400/-
5	Providing arrangement for 4 plate load test for NR.-II, NR.-III, Triple Seated Hall of Residence-II & Visitor Hostel (at changed location) at PDPM-IIITDM Jabalpur.	35,020/-
6	Making partition with A.C. sheet for temporary provision of kitchen for triple seated hall of residence-I	1,58,406/-
7	Making table & shelves in C.C Labs at Core Labs Complex of PDPM-IIITDM Jabalpur	89,471/-
8	Purchase of miscellaneous electrical items for construction work	93,988/-
9	SITC of four set of 16 mtrs. High Mast Lighting system at PDPM-IIITDM Campus	16,70,908/-
10	P/F Aluminium partition below the stairs (3 nos.) for store purpose & miscellaneous works	1,64,755/-
11	Supply of 4Cx10Sq.mm. flexible cable and wall fans	83,121/-
12	Construction of rooms (3 nos.) & toilet for ATM at main entrance of PDPM-IIITDM Jabalpur	7,47,021/-
13	Making partition with A.C. sheet for temporary enclosure for dining hall at triple seated hall of residence-I	8,22,637/-

Sl. No.	Name of Works / Projects	Amount A/A. & E/S.
14	Making steps between Volley ball court & Tennis court & miscellaneous works at play field	9,83,001/-
15	C/o. Shed & M.S. enclosure for STP	6,51,871/-
16	Hiring of JCB & Dumper for cleaning the areas around the Hall of Res.-I	46,608/-
17	P/F Aluminium partition work for making ECE Lab at Core Lab Complex of PDPM-IIITDM, Jabalpur	3,62,415/-
18	P/F Barbed wire fencing (Remaining portion) around the Hall of Residence-I & miscellaneous works	5,45,929/-
19	Electrification of Electronics Lab near annexi	3,04,266/-
20	Drilling of 2 nos. bore well at Core Lab & Service block of PDPM-IIITDM, Jabalpur	4,35,276/-
	Total	1,00,25,432/-