

**PDPM  
INDIAN INSTITUTE OF INFORMATION  
TECHNOLOGY DESIGN & MANUFACTURING  
JABALPUR**

**Agenda**

**Building & Works Committee  
2006/2<sup>nd</sup> Meeting**

**DATE : FEBRUARY 09, 2007**

**TIME : 14:30 Hours**

**VENUE : Conference Hall, PDPM-IIITDM,  
IT Bhawan, GEC Campus, Jabalpur**

पं. द्वारका प्रसाद मिश्र भारतीय सूचना प्रौद्योगिकी अभिकल्पन  
एवं विनिर्माण संस्थान जबलपुर  
**Pt. Dwarka Prasad Mishra Indian Institute of Information  
Technology Design & Manufacturing , Jabalpur**  
(An Institute established by MHRD, Govt. of India)

IT Bhawan, Jabalpur Engineering College Campus, Ranjhi, Jabalpur - 482 011 India

**J. P. Singh**  
Acting Registrar  
&  
Secretary  
B&WC

PDPM-IIITDMJ/2007/739  
February 05, 2007

Dear Madam / Sir(s),

The 2006/2<sup>nd</sup> Meeting of the Building and Works Committee of **Pt. Dwarka Prasad Mishra Indian Institute of Information Technology, Design & Manufacturing (PDPM-IIITDM) Jabalpur**, is scheduled to be held on February 09, 2007 at 14:30 hours in the Conference Hall, PDPM-IIITDM, GEC Campus, IT Bhawan, Ranjhi, Jabalpur. The agenda for the same meeting is enclosed for your kind perusal.

Kindly make it convenient to attend the meeting.

With regards,

Sincerely

  
J. P. Singh 05/02/07

1. Prof. Sanjeev Bhargava,  
Director, PDPM-IITDM  
Jabalpur

Chairman

2. Mrs. Seema Raj,  
Director (Technical), T. S. -1  
Ministry of Human Resource Development  
Shastri Bhawan  
New Delhi

Member

- |  |           |
|--|-----------|
| 3. Shri Dilip Mehra,<br>Principal Secretary<br>Technical Education<br>Government of MP<br>Bhopal   | Member    |
| 4. Prof. Aparajita Ojha,<br>Professor,<br>PDPM-IIITDM Jabalpur   | Member    |
| 5. Shri. P. S. Manglani,<br>Superintending Engineer<br>O/o Chief Engineer<br>Upper Narmada Zone<br>Bargi Hills, Jabalpur<br>Zone – 6<br>(Nominee of BOG) | Member    |
| 6. Shri B. K. Nema,<br>O/o Superintending Engineer<br>Public Works Development<br>Jabalpur<br>(Nominee of BOG)   | Member    |
| 7. Shri J. P. Singh,<br>Acting Registrar<br>PDPM-IIITDM Jabalpur   | Secretary |

**Special Invitees:**

1. Shri Rajeev Garg,  
Executive Engineer  
IITK Kanpur
2. Shri T S Anand  
Assistant Engineer  
PDPM-IIITDM Jabalpur



INDIAN INSTITUTE OF INFORMATION TECHNOLOGY  
DESIGN & MANUFACTURING JABALPUR

Agenda

Building & Works Committee

2006/2<sup>nd</sup> Meeting

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2006/ 2<sup>nd</sup> meeting of Building & Works Committee  
 scheduled to be held on Friday, February 09, 2007  
 at 14:30 Hours at the Conference Hall, PDPM IITDM, IT Bhawan,  
 GEC Campus, Jabalpur

**AGENDA**

<b>B&amp;WC/2006.2.1</b>	<b>Opening remarks of the Chairman, B&amp;WC.</b>
<b>B&amp;WC/2006.2.2</b>	<b>Confirmation of the minutes of 2006/1<sup>st</sup> meeting of the Building &amp; Works Committee held on 14 July 2006 at Conference Hall, IITDM Jabalpur</b>

Minutes of the first meeting of the Building & Works Committee held on 14<sup>th</sup> July 2006. The minutes were circulated to all the members & no comment were received. The minutes are confirmed. Copy of the minutes placed at **Annexure AP-1 to AP-3**

<b>B&amp;WC/2006.2.3</b>	<b>To consider tenders received for the following works :</b> <b>1. Construction of Hall of Residence I (SH: CIVIL); and</b> <b>2. Construction of</b> <b>(a) Lecture Hall &amp; Class room complex (SH: CIVIL)</b> <b>(b) Core Lab Complex (SH: CIVIL)</b> <b>of IITDM</b>
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**1. Construction of Hall of Residence I of IITDM (SH: CIVIL)**

Tenders for above work were invited from pre-qualified contractors and have been received and opened on 20.01.07. The detailed memo forwarding tenders is placed at Annexure Page **AP-4 to AP-7**. The lowest tender received is of M/s. N. M Roof Designers Ltd, Jaipur. They have been invited for negotiation. The outcome of the negotiation and final recommendation shall be placed on table in the meeting.

**2. Construction of**

**(a) Lecture Hall & Class Room Complex (SH: CIVIL)**

**(b) Core Lab Complex (SH: CIVIL)**

Tenders for above work were invited from pre-qualified contractors and have been received and opened on 20.01.07. The detailed memo forwarding tenders is placed at Annexure Page **AP-8 to AP-12**. The lowest tender received is of M/s. Gupta Enterprise, New Delhi. They have been invited for negotiation. The outcome of the negotiation and final recommendation shall be placed on table in the meeting.

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The B & WC is requested to consider the details contained in the memo-forwarding tenders in respect of the above mentioned works and accept the final recommendations.

B&WC/2006.2.4	To consider preliminary estimate for Construction of Dining Hall (SH: Civil & Electrical)
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The preliminary estimate for the Construction of Dining Hall have been prepared on Delhi plinth area 1992. The details of estimate amounting to Rs.187.24. lacs along with concept drawing, history, design & scope, specification are placed at Annexure Pages AP-18 to AP-25. The above cost of building does not have any provision for site development, internal roads and paths, horticulture operation, kitchen equipment and furniture. The estimates for these items shall be put-up separately.

The B & WC is requested to accept the preliminary estimate amounting to Rs.187.24 Lac and to request the Finance Committee to recommend the same to Board of Governors for administrative approval and expenditure sanction for the above work

B&WC/2006.2.5	Any other items with the permission of the chair
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# ANNEXURE PAGES



PDPM  
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2006/1<sup>ST</sup> MEETING OF THE  
 BUILDING AND WORKS COMMITTEE HELD ON 14 JULY ,2006  
 (Minutes of the Meeting)

<b>B &amp; WC 2006.1.1</b>	<b>Remarks by the Chairman</b>
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The Chairman welcomed all members of B & WC and informed

- (a) M/s Kanvinde Rai & Chowdhury of New Delhi have been appointed as the architect of the Institute. They have already prepared the Concept Master Plan of the Institute and made plans of several other buildings, which have been included in the agenda for seeking the financial and the administrative approval.
- (b) The concerns regarding the transfer of ~ 250 acres of land near the Dumna Airport have been resolved and the Government of Madhya Pradesh has transferred the allotted land to the Institute in the month of May 2006.
- (c) The construction work of brick masonry boundary wall of length of 4 Kms partially covering the Institute has been completed.
- (d) The work related to the front portion (ornamental) of the wall along the Dumna Airport road has begun.
- (e) The works of construction of RCC boundary wall and 3 m wide concrete security road would also start very soon.
- (f) A Campus Advisory Committee has been set up for the building and works activities of the Institute. A meeting of the committee with the architect was held during which the plans submitted by the architect were discussed in details. The committee had given important suggestions to the architect regarding the plans of each proposed building. These suggestions are incorporated by the architect in the proposed plans [AP 17-19].

Members expressed their satisfaction on these developments and desired that steps for starting the actual work of construction of the campus buildings as well as other accessory facilities be also speeded up further.

<b>B &amp; WC 2006.1.2</b>	<b>Confirmation of Minutes of the 2<sup>nd</sup>/2005 Meeting of the B &amp; WC held on September 16,2005</b>
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Minutes of 2<sup>nd</sup>/2005 meeting of B&WC were confirmed. Copy of minutes is placed at annexure pages AP1 to AP 4

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<b>B &amp; WC 2006.1.3</b>	<b>To consider the Master Plan of the campus.</b>
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The proposed concept master plan of the Institute was presented before the Committee. Members expressed their satisfaction on zoning of (i) the academic area, (ii) hostels and (iii) residential housing for the faculty and the staff as given in the proposed concept master plan. The committee expressed its happiness on the fact that sufficient land areas were left for the future expansion of academic activities and the hostels of the Institute. After a detailed discussion the committee recommended concept master plan to the Board of Governors for its approval with the suggestion that minor changes may be required and incorporated in it while developing the plans of individual buildings by keeping in view of (a) the exact topography of the land and (b) Institute's specific requirements as and when felt necessary. Members also suggested that mode of managing the construction activities should be deliberated and got approved from the competent authority. The committee agreed to the proposal that construction work will be done in phases and approved the proposed construction work in phase I as marked on the concept master plan (Annexure page AP 13 ).

**The B&WC approved the Concept Master Plan and recommends it to the Board of Governor for approval in principle.**

<b>B &amp; WC/2006.1.4</b>	<b>To Consider Preliminary Estimate for the Construction of Two Hostels of Seating Capacity of 408 each. (SH : Civil &amp; Electrical Works)</b>
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The concept drawings, design, specification and preliminary estimates were presented to the committee. Members suggested that the works related to the site development should also be taken up simultaneously. The Chairman assured the members that the planning for the site development work will be taken up immediately and would be presented to the committee shortly in the next meeting. Members accepted the concept drawings, design, specification and preliminary estimates of the two hostels to be constructed in Phase I and requested the architect to propose other options available for external finish for the remaining hostel blocks.

**The B&WC accepted the preliminary estimates amounting to Rs. 2352 Lacs (as corrected) and requested the Finance Committee to recommend the same to the Board of Governors for the administrative approval and the financial sanction for the above work.**

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Minutes

PDPMIITDMJ/B&WC-1<sup>st</sup>/2006/Page No.3

B & WC 2006.1.5	To Consider the Preliminary Estimate for the Construction of Teaching Labs. (SH : Civil, Electrical & Low Side of Air Conditioning Works)
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The concept drawings, design, specification and preliminary estimates of Teaching labs were presented to the committee and were discussed in details. Members appreciated the design and specifications of Teaching Labs. It was suggested that internal set up required for the specific requirements of each type of lab should also be conceived at this stage itself and minor modifications, if required, may be incorporated.

The B&WC accepted the preliminary estimates amounting to Rs. 700 Lacs for the Construction of Teaching Labs and requested the Finance Committee to recommend the same to the Board of Governors for the administrative approval and the financial sanction for above work.

B & WC 2006.1.6	To Consider the Preliminary Estimate for the Construction of Lecture Hall & Class Room Complex (LHCRC). (SH : Civil, Electrical & Low Side of Air Conditioning Works)
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The B&WC discussed at length the concept drawings, design, specification and preliminary estimates of the Lecture Hall & Class Room Complex. It was suggested that the capacity of classrooms at first floor be increased to 75 seats in place of 40 seats by replicating the design proposed for the Ground Floor. This would increase the overall capacity and provide a better aspect ratio. Architect informed that the proposed changes were possible and shall be incorporated in the design and drawings. The proposed plan for the Lecture Hall & Class Room Complex (LHCRC) was accepted by the Committee.

The B&WC accepted the preliminary estimates amounting to Rs.661 Lacs for the construction of Lecture Hall & Class Room Complex (LHCRC) and requested the Finance Committee to recommend the same to the Board of Governors for the administrative approval and the financial sanction for the above work.

B & WC 2006.1.7	Any other item with the permission of chair.
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The Chairman informed the Committee that the Chairman Board of Governor has desired that the possibility of construction of temporary structure at site for an early shifting of classes to the actual campus of the Institute be explored. The B & WC noted the suggestion and requested the architect to submit the feasibility of the same.

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

  
 J.P. Singh 20/07/06  
 Actg Registrar

  
 Chairman 20/07/06  
 Building and Works Committee

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**MEMO FORWARDING TENDERS TO BUILDING & WORKS COMMITTEE**  
(Reference Para 20.4.2 of C.P.W.D Manual Volume II)

**1. Name of Work:**

Construction of Hall of Residence I (SH: Civil Work)

**2 Reference to Administrative Approval and Expenditure Sanction:**

Administrative approval & Expenditure sanction for Rs.11,91,79,217/- (Rs. Eleven crore ninety one lacs seventy-nine thousand two hundred seventeen only) recommended by the B & WC vide their meeting held on 14.07.2006 and accorded by BOG. The approval is inclusive of Civil works, Electrical works, Architect fees, PMC Charges and lump sum contingencies.

The corresponding provision for the Civil Work is Rs. 9,54,08,151/- (Rs. Nine crore fifty four lacs eight thousand one hundred fifty one only) without contingencies.

**3 Reference to Technical sanction**

Technical sanction of the detailed estimate for civil work amounting to Rs.8,36,24,913=00 (Rs. Eight crore thirty-six lac twenty-four thousand nine hundred thirteen only) without contingencies has been accorded by Director as per following details.

Estimated Cost based on DSR 2002 items	:Rs. 5,55,67,803=00
Add Cost enhancement @ 23.29% on DSR 2002	:Rs. 1,29,41,741=00
Total	: Rs. 6,85,09,544=00
Cost based on market rate items	: Rs.1,51,15,359=00
<b>Grand Total</b>	<b>:Rs. 8,36,24,913=00</b>

**4 Scope of work for which tenders have been invited:**

(Clearly indicating the items omitted from the sanctioned estimate)

The scope of work include the following:

- i) Civil Work
- ii) Sanitary & Water supply
- iii) Fire Fighting Work

No items omitted from sanctioned estimate.

The total plinth area of building is approximately 11075 sqm

**5 Details of Pre-qualification**

5.1 An advertisement for pre-qualification was published in the following newspapers:

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Sl. No	News Paper	Edition	Date of publication
1	Hindustan Times	Delhi Edition	16-12-06
		Rest of India	17-12-06
2	Danaik Bhaskar	Jabalpur , Satna and Nagpur	17-12-10

- 5.2 The Notice Inviting Tender (Pre-qualification) was displayed on website [www.iiitdm.in](http://www.iiitdm.in)
- 5.3 In response to said advertisement 8 agencies submitted their profile for pre-qualification in the format mentioned in pre-qualification document.
- 5.4 A Committee comprising of the following members was constituted by the Director vide letter no: PDPMIITDMJ/2007/63 dated 02/01/07 for scrutiny of pre-qualification of agencies.

1	Dr. S. Bhargava	(PDPM IIIT DM Jabalpur)	Chairman
2	Mr. S. Kanvinde	(Architect)	Member
3	Dr. M. K. Harbola	(IIT Kanpur)	Member
4	Mr. A. K. Mishra	(IIT Kanpur)	Member
5	Mr. R. Garg	(IIT Kanpur)	Member
6	Mr. T. S. Anand	(PDPM IIIT DM Jabalpur)	Member Secretary

5.5 The Committee meet and discussed the profile of agencies. On the basis of evaluation criteria for pre-qualification, the following agencies were short listed for issue of tender document

- i) M/s. Raitani Construction Co., Kolkata
- ii) M/s. Era Construction, New Delhi
- iii) M/s. N.M. Roof Designers, Jaipur

**6 Reference to approval of NIT**

- i) Authority : Director
- ii) Date : 14-12-06

**7 Details of present call**

- i) Date of issue of tender : 11.01.07 to 13.01.07 (up to 1700 Hours)
- ii) No of tenders sold : Two (2) nos

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- iii) Date of Receipt of tender : 20-01-07 up to 1130 hours
- iv) No of tenders received : Two (2) nos
- v) Name of lowest tenderer : M/s. N.M. Roof Designers, Jaipur
- vi) Amount of lowest tender : Rs.10,71,68,074/- (Rs. Ten crore seventy one lacs sixty-eight thousand seventy-four only)
- vii) Members of Committee who opened the tender  
 Prof. A. Ojha ,  
 Mr. J. P. Singh, Acting Registrar  
 Mr. R. Garg, EE, IIT Kanpur
- viii) Contractors and their representatives present at the time of opening of tenders  
 Mr. Ajay : (M/s.) N. M. Roof Designers Ltd.
- ix) Names and designation of any other person present : Nil
- x) Have all the contractors, if not exempted, deposited earnest money in proper form : Yes

**8. (i) Comparative position of tenderers who tendered for the job :**

A Estimated Cost on DSR 2002 + Market Rates : Rs.7,06,83,162/-

B Estimated Cost on DSR 2002 with enhancement + Market Rates :  
 Rs. 8,36,24,913/-


Sl. No.	Tender No.	Name of Tenderer	Tendered Amount with rebate, if any (in Rs.)	% above/ below administrative approval and expenditure sanction
1	1/2	M/s. Raitani construction company, Kolkata	10,93,62,386=00	14.63% above
2	2/2	M/s. N.M. Roof Designers Ltd, Jaipur	10,71,68,074=00	12.33% above

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- (ii) Condition in the tender : Nil
- 9 Period of validity of tender : 60 (sixty) days
- 10 Justification of tender based on market rate analysis:**
- Justification note submitted by Architect is placed at Annexure Page **AP-14 to AP-17**
- 11 Remarks of the Executive Engineer (IIT Kanpur):**
- |       |  |   |
|-------|--|---|
| i)    | Availability of site   | Site is available   |
| ii)   | Availability of stipulated materials   | No material is stipulated                                 |
| iii)  | Is this first call of tender?  | No, details of first call placed at annexure <b>AP-12</b> |
| iv)   | If not, mention the call of tender   | Second call   |
| v)    | Approval of drawing  | Approved plan is available                                |
| vi)   | Approval of Building plans and   | clearance from local body under Process                   |
| vii)  | Comments on the capability of three lowest tenderer including their financial resource | :All tenders are technically and financially capable      |
| viii) | Availability of funds  | Available.  |

**12 Recommendation of the Executive Engineer (IIT Kanpur):**

The lowest tenderer M/s. N. M. Roof Designer Ltd, Jaipur is registered CPWD Class-I contractor. He is technically and financially sound to execute the work. The lowest tender of M/s. N. M. Roof Designer Ltd, Jaipur amounting to Rs.10, 71,68,074/- (Rs. Ten crore seventy one lac sixty-eight thousand seventy four only), which is (Twelve point three three percent) above approved administrative and financial sanction. The lowest tender is on higher side. They may be invited for negotiation for reduction in their quoted rates up to the extent possible.

  
 (Rajeev Garg)  
 Executive Engineer (IITK)

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**MEMO FORWARDING TENDERS TO BUILDING & WORKS COMMITTEE**  
 (Reference Para 20.4.2 of C.P.W.D Manual Volume II)

**1. Name of Work:**

Construction of (a) Lecture Hall & Classroom complex (SH: Civil Work)  
 (b) Core Lab Complex (SH: Civil Work)

**2 Reference to Administrative Approval and Expenditure Sanction:**

Administrative approval & Expenditure sanction for Rs.13,61,07,226/-(Rs. Thirteen crore sixty-one lacs seven thousand two hundred twenty six only) recommended by the B &WC vide their meeting held on 14-07-2006 and accorded by BOG. The approval is inclusive of Civil works, Electrical works, Architect fees, PMC Charges and lump sum contingencies.

The corresponding provision for the Civil Work is Rs. 9,90,89,420/- (Rs. Nine crore ninety lacs eighty-nine thousand four hundred twenty only) without contingencies.

**3 Reference to Technical sanction**

Technical sanction of the detailed estimate for civil work amounting to Rs.9,70,70,745/-(Rs. Nine crore seventy lacs seventy thousand seven hundred forty-five only) has been accorded by Director as per following details.

Estimated Cost based on DSR 2002 items	:Rs. 5,31,91,270=00
Add Cost enhancement @ 23.29% on DSR 2002	:Rs. 1,23,88,247=00
Total	:Rs. 6,55,79,517=00
Cost based on market rate items	:Rs. 3,14,91,228=00
Total	:Rs. 9,70,70,745=00
Add Contingencies (lump sum)	
<b>Grand Total</b>	

**4 Scope of work for which tenders have been invited:**

(Clearly indicating the items omitted from the sanctioned estimate)

The scope of work include the following:

- iv) Civil Work
- v) Sanitary & Water supply
- vi) Fire Fighting Work

No items omitted from sanctioned estimate.

The total plinth area of building is approximately 8900 (4800+4100) sqm.

**5 Details of Pre-qualification**

5.1 An advertisement for pre-qualification was published in the following newspapers:



**PDPM**  
**INDIAN INSTITUTE OF INFORMATION TECHNOLOGY**  
**DESIGN & MANUFACTURING JABALPUR**

Sl. No	News Paper	Edition	Date of publication
1	Hindustan Times	Delhi Edition	16-12-06
		Rest of India	17-12-06
2	Danaik Bhaskar	Jabalpur , Satna and Nagpur	17-12-10

- 5.2 The Notice Inviting Tender (Pre-qualification) was displayed on website [www.iiitdm.in](http://www.iiitdm.in)
- 5.3 In response to said advertisement 8 agencies submitted their profile for pre-qualification in the format mentioned in pre-qualification document.
- 5.4 A Committee comprising of the following members was constituted by the Director vide letter no: PDPMIITDMJ/2007/63 dated 02/01/07 for scrutiny of pre-qualification of agencies.

1	Dr. S. Bhargava	(PDPM IIIT DM Jabalpur)	Chairman
2	Mr. S. Kanvinde	(Architect)	Member
3	Dr. M. K. Harbola	(IIT Kanpur)	Member
4	Mr. A. K. Mishra	(IIT Kanpur)	Member
5	Mr. R. Garg	(IIT Kanpur)	Member
6	Mr. T. S. Anand	(PDPM IIIT DM Jabalpur)	Member Secretary

5.5 The Committee meet and discussed the profile of agencies. On the basis of evaluation criteria for per-qualification. the following agencies were short listed for issue of tender document

- i) M/s. Gupta Enterprises, New Delhi
- ii) M/s. Era Construction, New Delhi
- iii) M/s. Satya Prakash Builders , Jabalpur
- iv) M/s. RSB Projects , New Delhi

**6 Reference to approval of NIT**

- i) Authority : Director
- ii) Date : 14-12-06

**7 Details of present call**

- i) Date of issue of tender : 11.01.07 to 13.01.07 (up to 1700 Hours)
- ii) No of tenders sold : Three (3) nos
- iii) Date of Receipt of tender : 20-01-07 up to 1130 hours

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- iv) No of tenders received : Three (3) nos
- v) Name of lowest tenderer : M/s. Gupta Enterprise, New Delhi
- vi) Amount of lowest tender : Rs.11,94,12,149/- (Rs. Eleven crore ninety four lacs twelve thousand one hundred forty nine only)
- vii) Members of Committee who opened the tender  
 Prof. A. Ojha ,  
 Mr. J. P. Singh, Acting Registrar  
 Mr. R. Garg, EE, IIT Kanpur
- viii) Contractors and their representatives present at the time of opening of tenders  
 Mr. S. K. Singhla : (M/s.) Gupta Enterprise, New Delhi.  
 Mr. Murli Kumar : (M/s.) RSB Projects, New Delhi  
 Mr. Rajesh Kumar : (M/s.) Satya Prakash Builder, Jabalpur
- ix) Names and designation of any other person present : Nil
- x) Have all the contractors, if not exempted, deposited earnest money in proper form : Yes

**8. (i) Comparative position of tenderers who tendered for the job :**

- A Estimated Cost on DSR 2002 + Market Rates :Rs. 8,46,82,498=00
- b Estimated Cost on DSR 2002 with enhancement + Market Rates :  
 :Rs. 9,70,70,745=00

Sl. No.	Tender No.	Name of Tenderer	Tendered Amount with rebate, if any (in Rs.)	% above/ below administrative approval and expenditure sanction
1	1/3	M/s. Satya Prakash Builders, Jabalpur	12,46,10,671=00	25.76% above
2	2/3	M/s. Gupta Enterprise, New Delhi	11,94,12,149=00	20.51% above
3	3/3	M/s. RSB Projects, New Delhi	12,21,48,924=00	23.27% above

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- |    |   |   |
|----|---|---|
|    | (ii) Condition in the tender  | : Nil   |
| 9  | Period of validity of tender  | : 60 (sixty) days   |
| 10 | <b>Justification of tender based on market rate analysis:</b>                               |   |
|    | Justification note submitted by Architect is placed at Annexure Page <b>AP-14 to AP-17</b>  |   |
| 11 | <b>Remarks of the Executive Engineer (IIT Kanpur):</b>                                      |   |
|    | i) Availability of site   | Site is available   |
|    | ii) Availability of stipulated materials  | No material is stipulated                                 |
|    | iii) Is this first call of tender?  | No, details of first call placed at annexure <b>AP-12</b> |
|    | iv) If not, mention the call of tender  | Second call   |
|    | v) Approval of drawing  | Approved plan is available                                |
|    | vii) Approval of Building plans and from local body   | Under Process<br>clearance                                |
|    | vii) Comments on the capability of three lowest tenderer including their financial resource | All tenderers are technically and financially capable     |
|    | viii) Availability of funds   | Available.  |

**11 Recommendation of the Executive Engineer (IIT Kanpur):**

The lowest tenderer M/s. Gupta Enterprise, New Delhi is registered as CPWD Class-I contractor. He is working contractor of IIT Kanpur and his performance here is satisfactory. He is technically and financially sound to execute the work. The lowest tender of M/s. Gupta Enterprise, New Delhi amounting to Rs.11, 94,12,149/- (Rs. Eleven crore ninety four lakh twelve thousand one hundred forty nine only), which is (Twenty point five one percent) above approved administrative and financial sanction. The

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lowest tender is on higher side. They may be invited for negotiation for reduction in their quoted rates up to the extent possible.

  
(Rajeev Garg)  
Executive Engineer (IITK)

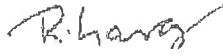
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Details of first call of tender for Construction & Development of Phase I of IIT DM Jabalpur comprising 2 Hostels of 400 Seats each, Lecture Hall & Class room Complex & Teaching Labs including internal water supply and sanitary installation, internal electrical works, Fire Fighting and HVAC.

A composite tender for Civil, Electrical and HVAC work combining all the above buildings was invited by publishing NIT in the newspapers through pre-qualification. In response 16 agencies had applied, out of which 9 were pre-qualified by duly constituted committee constituted by Director. Eight agencies purchased the tender document, however, three agencies submitted tender document on due date with requisite earnest money. The position of tender was as follows:

Sl. No	Name of Agency	Tendered Amount
1	M/s. Maytas Ltd, Hyderabad	Rs. 46, 67, 76, 239/-
2	M/s. N. B. C. Corporation, New Delhi	Rs. 49, 31, 61, 805/-
3	M/s. IVRCL,	Rs. 49, 51, 76, 138/-

After opening of tender M/s. N. B. C. Corporation, New Delhi submitted letter requesting for price preference and gave a rebate up to amount quoted by M/s. Maytas Ltd, Hyderabad. On scrutiny of tender document by Architect it was observed that the lowest tenderer, M/s. Maytas Ltd had quoted high rates and therefore, the Director invited them for negotiation. They came for negotiation, and inspite of their assurance to give us their comments no response was received. In view of above the Director cancelled the call of tender. Cancellation approval of Director is placed at Annexure pages **AP-13 to AP-14**. The issue was discussed in meeting of Campus Advisory Committee held on 30/12/06. After deliberation, it was decided to recall tender by splitting tender into civil, electrical & HVAC and also splitting work in three separate packages.

  
 (Rajeev Garg)  
 E. E. IIT Kanpur

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 Design & Manufacturing Jabalpur  
 IT Bhawan, Jabalpur Engineering College Campus, Ranjhi, Jabalpur 482 011

Sub : Tender for the work of Construction of Phase –I of the campus comprising Two Hostels (400 seats each), Lecture Hall & class room complex and Teaching labs including internal water supply and sanitary installation internal electrical works, fire fitting and HVAC.

Advertisement to Pre qualify agencies was published in the following news papers:

Sl. No.	News Paper	Edition	Date of Publication
1	Hindu	All India Edition	23-08-06
2	The Hindustan Times	All India Edition	23-08-06
3	The Times of India	All India Edition	23-08-06
4	Danaik Bhaskar	M.P & Chattisgarh	23-08-06
5	Danaik Bhaskar	Jabalpur	24-08-06

The Notice Inviting Tender (Pre-qualification) was also displayed on the Institute website [www.iiitdm.in](http://www.iiitdm.in)

In response to the said advertisement, 16 (sixteen) agencies submitted their profile for pre qualification in the format prescribed in pre-qualification tender document.

The committee to pre-qualify agencies meet on 19-09-06 and discussed the profile of agencies. On the basis of evaluation criteria for pre-qualification nine agencies were pre-qualified. Out of pre-qualified nine agencies, eight agencies took the tender document. In this regards it is also to inform, that the last date for submission of tender was extended on the request of tenderers, despite of it, only the following three agencies had participated in tender:

1. M/S National Building Construction Corp. Ltd, New Delhi
2. M/S. Maytas Infra Private Limited, Hyderabad
3. M/S. IVRCL Infrastructures & projects Ltd, Hyderabad

A comparative statement of estimated amount & amount quoted by tenderer is given below.

Sl no.	Tender No.	Name of Tenderer	Tendered Amount (Rs.)	% above/ below on estimated cost on DSR 2002 with cost Index + market rates
1	3/3	M/S. Maytas Infra Projects Ltd, Hyderabad	46,67,76,239	38.55% above
2	2/3	M/S. National Building Construction Corporation, New Delhi	49,31,61,805	46.38% above
3	1/3	M/S. IVRCL Infrastructure and Projects Ltd, Hyderabad	495176138	46.98% above

After opening of tender M/S. National Building Construction Corporation, New Delhi has brought there figure up to the figure quoted by M/S. Maytas Infra Projects Ltd vide their letter no. NBCC:BD:C3:IIIT-JABALPUR:2006/2688 Dated 14-11-2006 enclosed in original.

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In light of above facts it is apparent that as the number of contractors who had participated in tendering was low (only three) due to which proper competition was not there. Secondly, the rates quoted by the lowest tenderer are on much higher side. Therefore it is recommended that the present bill of tender be cancelled.

*[Signature]*  
 Assistant Engineer (Civil)

Rajeev Garg  
 For PDPM/IIITDM

*In view of the high extent lowest tenderer  
 this bill may be cancelled. Regarding recall  
 to some may be discussed in the meeting of  
 campus advisory committee.*

*Director*

*[Signature]*  
 30/11/06

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**NOTE**

**LECTURE HALL AND TEACHING LABS WORK**

The tenders were received from the following tenderers for the work of Construction of Lecture Hall and Teaching lab:

1. M/s Gupta Enterprises
2. M/s Satya Prakash Builders
3. M/s RSB Projects

The tenders were scrutinized in this office and the final position is as follows:

S.NO.	TENDERER	DSR ITEMS	MARKET RATE ITEMS	TOTAL
1	Estimated amount	65579517	31491228	97070745
2	M/s Gupta Enterprises	88068040	31344109	119412149
3	M/s Satya Prakash Builders	98869354	25741317	124610671
4	M/s RSB Projects	92704588	29444336	122148924

The tender submitted by M/s Gupta Enterprises is the lowest. The tender is 34 percent above the DSR rate with 23.29% index correction for Jabalpur. The tender is -0.46 % lower than the estimate on the market rates.

The Analyzed rates were worked out for major items based on the market rates for material and labour.

S.NO.	TENDERER	DSR ITEMS	DSR ITEMS ANALYSED	MARKET RATE ITEMS	TOTAL
1	Estimated amount with Analyzed rates for DSR items	12434267	75161899	31491228	119087394

Based on the above figures, the tender submitted by M/s Gupta Enterprises is 0.54% above the DSR analyzed rates and -0.46% lower than the estimated market rates. On the overall, the tender is 0.27 % above the justified estimate.



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**HOSTEL WORK**

The tenders were received from the following tenderers for the work of Construction of Hall of Residence 1:

1. M/s NM Roof Designer
2. M/s R Construction Company

The tenders were scrutinized in this office and the

S.NO.	TENDERER	DSR ITEMS	MARKET RATE ITEMS	TOTAL
1	Estimated amount	68509544	15115359	83624913
2	M/s NM Roof Designer	92138765	15029309	107168074
2	M/s R Construction Company	93949850	15412536	109362386

The tender submitted by M/s NM Roof Designer is the lowest. The tender is 34.49 percent above the DSR rate with 23.29% index correction for Jabalpur. The tender is -0.57 % lower than the estimate on the market rates.

The Analyzed rates were worked out for major items based on the market rates for material and labour.

S.NO.	TENDERER	DSR ITEMS	DSR ITEMS ANALYSED	MARKET RATE ITEMS	TOTAL
1	Estimated amount with Analyzed rates for DSR items	17062620	71749546	15115359	103927525

Based on the above figures, the tender submitted by M/s NM Roof Designer is 3.75% above the DSR analyzed rates and -0.57% lower than the estimated market rates. On the overall, the tender is 3.12 % above the justified estimate.

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**OBSERVATIONS ON THE TENDERS**

1. This is the second call of tenders and the rates submitted by the tenderers are lower than the earlier rates, even though, during this period the rates of cement, steel, aluminium and copper apart from other materials have increased.
2. This is a fixed price contract. The rates of cement and all metals are volatile presently and due to impending budget, further increase in the prices is expected. It seems that the tenderers have incorporated risks due to increase in the prices of the above materials. The same can be observed from the unit rates quoted for reinforcement steel item.
3. It may be noted that water and electricity shall not be available at site. There is usually no provision for Electricity rates in the DSR items. Also, due to rocky strata, additional expenditure shall have to be incurred for sinking wells and for the provision of water.
4. The conditions of contract state that the work shall have to be completed in a period of 10 months. Therefore, additional mobilization of shuttering, equipment and manpower resources is required to simultaneously take up the work on all the work fronts. It seems this aspect has been factored by the tenderers, while quoting the rates.
5. The area of the site is rocky and undulating. The labour productivity on such sites is usually lower than on plain sites.
6. The site is also located on the outskirts. The transportation of labour and material costs shall thus be higher, than a project located within the city. Also, many of the materials and specialized labour shall have to be procured from neighbouring cities, which shall have an impact on the rates.
7. The contractors are from other regions of the country. The establishment of plant, machinery and managerial resources shall entail higher costs than a local contractor or agency.
8. Besides areas of some structures have increased from the preliminary cost estimate areas. At other places sizes of structures too have changed to accommodate more number of occupants. Some stilt areas have been

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converted into useable space, which too has added to the overall projected cost. Cost due to area increase was not visualized at the time of framing of Preliminary Estimates.

**RECOMMENDATION:**

It is therefore recommended that the negotiations be held with the lowest tenderers viz. M/s Gupta Enterprises for the work of Lecture Hall and Teaching Lab work and M/s NM Roof Designer for the work of Hall of Residence- I in order to further reduce the rates.

(M/s. Kanvinde Rai & Chowdhury)  
Architect

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**Name of work** : Construction of Dining Hall.(SH: Civil & Electrical)  
**Head of Account** : Chargeable to Plan Budget.

*Preliminary estimate amounting to Rs. 187.24 Lacs (Rs. One Hundred Eighty-Seven Lacs Twenty-four thousand only) including 1.5% cost of project management + Architects Fees @ 5.612%(5% fees + 12.24% service tax on fees) & Contingencies (Rs. Five Lacs only, Lump sum) prepared by M/s Kanvinde Rai & Chowdhury, New Delhi to meet the cost of the above mentioned work.*

**History** : Based on the initial brief, which was discussed in the Campus Advisory Committee meeting held on 21-06-06, it was suggested to have a central dining facility to cater to dinning needs of both hostels proposed in Phase I, such model would economize on the foot print of the building.

The Architect presented their plan-based inputs of Campus Advisory Committee in its meeting held on 4-11-06 at IIT Kanpur. The plan was deliberated and member made some observations including, need for covered courtyard was emphasized for day-to-day kitchen activities. The Architect presented plan after making modifications. The plan is placed at Annexure AP-22

**Design & Scope** : The design of the proposed building has the following features:

- i) The Dining & Kitchen block comprises a dining facility for a capacity of 400 students based on 2 shifts and a kitchen for around 800 students.
- ii) The dining facility is envisaged as large column free spaces arranged on two floors linked though double height .
- iii) The main kitchen is having common serving area catering to dinning area on both sides of common entry .
- iv) Support facilities such as hand wash and toilets provided.

**Specification** : Brief specifications of work shall be as follows:

- i) Designed reinforced cement concrete for structural works.
- ii) All in fill walls shall be of first class local bricks.
- iii) Flooring/ Finishes
  - a) Polished Kota stone with bands of Jaisalmer in dining & other common area.
  - b) Anti skid vitrified tiles in Kitchen & Toilets.
  - iv) Ceramic tile upto 2.10 meter in Kitchen walls.
  - v) Wash basins in the toilets shall be provided on a granite counter.

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PDPM - IIIT DM JABALPUR DINING HALL ( FOR HOSTEL BLOCKS 1 & 2)	Date 25 Jan'06	kanvinde rai & chowdhury architects & planners, new delhi	SCALE 1:250	Dwg no SK15
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SL. NO.	Code	Description	Unit	Building Cost at sl. No.1	Rate	Indexed Rate	Amount	
	<b>3</b>	<b>Services :</b>						
6	3.1	Internal water supply and sanitary installation		8170890	4%		326836	
7	3.2	External service connections		8170890	5%		408545	
		<b>Total B</b>				<b>Rs.</b>	<b>735380</b>	
		<b>II : Electrical Work</b>		<b>Building cost</b>				
8	3.3	Internal electrical installations		8170890	15.00%		1225634	
		<b>Total C</b>		<b>Total</b>	<b>15.00%</b>		<b>1225634</b>	
	3.6	<b>Extra for superior specifications based on DPAR - 92 :</b>						
SL. NO.	Code	Description	Unit	Qty.	Rate	Indexed Rate	Amount	
9	3.6.1	Power wiring & plugs.		8170890	4.00%		326836	
10	MR	Copper wiring		8170890	1.00%		81709	
11	MR	Extra for modular switches		8170890	1.50%		122563	
12	MR	Superior fixtures		8170890	2.50%		204272	
13	3.6.4	Telephone conduits		8170890	0.50%		40854	
14	MR	Extra for networking conduits		8170890	0.50%		40854	
15	LS	Cable tray					50000	
16	LS	Extra for Kitchen loads					400000	
		<b>Total D</b>					<b>1267089</b>	
		<b>TOTAL ( A + B + C + D )</b>					<b>14724156</b>	

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**APPENDIX II**

**Extra for superior specifications & Architectural features**  
**Preliminary Estimate based on Delhi Schedule of Rates & market rate:**

Extra for superior specifications & Architectural features based on DSR 2002 & market rate:

SL. NO.	Code	Description	Unit	Qty.	Rate	Indexed Rate	Amount
1	DSR	Extra for kota stone flooring	Sqm.	850	354	437	371162
2	DSR	Extra for vitrified tiles flooring	Sqm.	390	589	727	283669
3	DSR	Extra for Ceramic tiles in kitchen & Hand Wash	Sqm.	275	146	180	49496
4	MR	Extra for Jaisalmer flooring	Sqm.	90	1150	1150	103500
5	MR	Extra for Udaipur Green	Sqm.	50	1150	1150	57500
6	DSR	Extra for false ceiling - Gypsum	Sqm.	100	417	515	51458
7	DSR	Extra for Oil bound distemper	Sqm.	3400	25	31	105176
8	MR	Extra for Aluminium Doors frames	Sqm.	80	540	667	53348
9	MR	Extra for using aluminium windows	Sqm.	250	950	1173	293289
10	MR	Extra for Grit Plaster/Spectrum Finish	Sqm.	1100	250	250	275000
11	MR	Extra for Lamination on door	Sqm.	50	600	600	30000
12	DSR	Extra for Granite Counter	Sqm.	30	1781	2200	65990
13	MR	Extra for pergola	LS				100000
13	MR	Extra for Kitchen :Drainage system including Channel with S.S.grating,Grease traps etc	LS				450000
<b>Total</b>						<b>Rs.</b>	<b>2289588</b>



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**PRELIMINARY ESTIMATE FOR DINING HALL at PDPM IIITDM, JABALPUR**

**SUMMARY OF COST**

S.No.	Description	Amount in Rs,
1	Framed Structure as per Appendix I	14724156
2	Extra for superior specifications & Architectural features as per Appendix II	2289588
	<b>Total (A)</b>	<b>17013744</b>
4	Cost of Project Management @ 1.5% of (A)	255206
5	Architect Fees @ 5.612% (5% Fees + Service Tax @ 12.24%) of (A)	954811
6	Contingencies ( Lump Sum )	500000
	<b>GRAND TOTAL</b>	<b>18723762</b>

Prepared by

Sd/-

M/s Kanvinde Rai Chowdhury

Architect

Checked by

  
T.S. Anand

A.E.

Recommended by

  
Rajeev Garg

E.E.

