

Pt. Dwarka Prasad Mishra Indian Institute of
Information Technology, Design &
Manufacturing, Jabalpur

Agenda
Building & Works Committee
2005/2nd Meeting

Date : September 16, 2005
Time : 10:00 Hrs
Venue : Conference Hall Shastri
Bhawan MHRD New Delhi

पं० द्वारका प्रसाद मिश्र भारतीय सूचना प्रौद्योगिकी अभिकल्पन एवं
विनिर्माण संस्थान जबलपुर

Pt. Dwarka Prasad Mishra Indian Institute of Information
Technology Design & Manufacturing Jabalpur

DIRECTOR'S OFFICE

IITK Camp Office:

पत्रालय - आई. आई. टी., कानपुर - 208 016 (भारत)

Post Office - I.I.T., Kanpur - 208 016 (India)

Jabalpur Campus :

Near Govt. Engineering College, Jabalpur

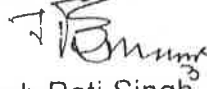
J. P. Singh
Acting Registrar

Dear Sir(s):

The 2nd meeting of the Building and works Committee (B&WC) of Pt. Dwarka Prasad Mishra Indian Institute of Information Technology design and Manufacturing, Jabalpur (PDPM-IIITDMJ) is scheduled to be held on Friday, September 16, 2005 at 10 AM at Conference Hall, Shastri Bhawan, MHRD, New Delhi.

The Agenda of the second meeting will be sent separately. You are requested to kindly make it convenient to attend the meeting.

With regards


Jeeb Pati Singh 31/08/05

1. Prof. Sanjay G Dhande
Acting Director
PDPM-IIITDM Jabalpur

Chairman

2. Mrs Irlina Garg
Director (T)
MHRD, Shastri Bhawan
New Delhi
(Nominee of the Central Govt)

Member

3. Smt Ajita Bajpai Pandey
Secretary, IT Education
M.P. Government, Bhopal

Member

- | | |
|--|-----------|
| 4. Prof. Sanjeev Bhargava
Dept of MME
IIT Kanpur
Nominee in place of Dean(PG) | Member |
| 5. Shri P S Manglani
Superintending Engineer
O/o Chief Engineer
Upper Narmada Zone
Bargi Hills, Zone-6, Jabalpur
(Nominee of BOG) | Member |
| 6. Shri B K Nema
O/o Superintending Engineer
Public work Dept, Jabalpur
(Nominee of BOG) | Member |
| 7. Shri J. P. Singh
Acting Registrar
PDPM-IIITDM Jabalpur | Secretary |

Special Invitee:

Rajeev Garg
Executive Engineer
IIT Kanpur

Pt. Dwarka Prasad Mishra Indian Institute of
Information Technology Design &
Manufacturing Jabalpur

Building & Works Committee
Agenda 2005/2nd Meeting

Table of Contents

Item No.	Item	Page No.
B&WC/2005.2.1	To consider the tender for acceptance	1
B&WC/2005.2.2	Appointment of Architect	1

B&WC/2005.2.1	To consider the tender for acceptance
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Construction of brick masonry boundary wall (Partial length 4.00 km)

The tenders were invited and 4 tenders were received. The lowest offer is from M/s Anil Kumar Grover for Rs. ₹ 1,45,640/- (Rupees Eighty One Lacs Forty Five Thousand Six Hundred Forty Only).

Detailed memo forwarding tender is placed at **Annexure -I** for the consideration and acceptance of Building & Works Committee.

B&WC/2005.2.2	Appointment of Architect
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In response of pre-qualification notice published in the newspaper, 25 applications were received 3 nos. Architectural Firms are shortlisted for the Conceptual Master Plan competition of the campus. The complete details are placed at **Annexure - II**. This is for the information of Building & Works Committee.

Annexure – I

MEMO FORWARDING TENDERS TO BUILDING & WORKS COMMITTEE
(Reference Para 20.4.2 of CPWD Manual Volume-II)

1. Name of work:

Construction of brick masonry boundary wall (2.10 Mtr. height) of PDPM-IIITDM Jabalpur (Partial Length 4.00 Km).

2. Reference to Administrative Approval and Expenditure Sanction:

A/A & U/S has been accorded by Board, of Governors in its meeting held on June 04, 2005 for an amount of Rs. 10765381.00 (Rupees: One Crore Seventy Six Lacs Five Thousand Three Hundred Eight One Only).

3. Reference to Technical Sanction:

Technical sanction was accorded by the Superintending Engineer for an amount of Rs. 10765381.00 (Rupees: One Crore Seventy Six Lacs Five Thousand Three Hundred Eight One Only).

4. Reference to Publicity:

4.1 An advertisement was inserted in the newspaper:

i) Dainik Bhashker, Dated 04.08.2005 (All Edition in M.P.)

4.2 In response to the said advertisement 16 nos. applications from contractors were received before the due date on 12.08.2005. Out of these, 10 nos. applications were rejected as they do not fulfilling the conditions of N.I.T.

4.3 Particulars of contractors to whom tenders were sold

Sl. No.	Name of contractors	Class of Registration	Department in which Enlisted	Date of issue	Remark
1	M/s. Anil Kumar Grower	A-5	MP PWD	18.08.05	
2	M/s. Shraddha Interiors	III	MP PWD	18.08.05	
3	M/s. Balaji Construction	III	MP PWD	18.08.05	
4	M/s. S.K. Builders	S	MES	18.08.05	
5	M/s S.K. Construction	A-4	MP PWD	18.08.05	
6	M/s M.K.S. Engineering (P) Ltd	IV	MP PWD	18.08.05	

5. Reference to Approval of Tender documents:

i) Authority Superintending Engineer
ii) Estimated cost put to tenders Rs. 8958452/-

6. Detail of the present call

i) Date of issue of tender 12.08.2005
ii) No. of tenders sold 6 Nos.
iii) No. of tender received 4 Nos.
iv) Name of the lowest tenderer M/s. Anil Kumar Grower
v) Amount of lowest tender Rs. 8145640/-

- vi) Date & time at which tenders were due to be received 23.08.2005 at 12.00 hrs
- vii) Date & time at which tenders were opened 23.08.2005 at 12.30 hrs
- viii) Members of the committee who opened the tenders
 - i) Shri J.P. Singh Registrar
 - ii) Shri Rajeev Garg -SE
 - iii) Shri V.N. Bapat
- ix) Contractors present at the time of opening of tenders
 - i) M/s. Anil Kumar Grower,
 - ii) M/s. Shraddha Interiors,
 - iii) M/s. Balaji Construction
 - v) M/s. S.K. Builders.

7. Comparative position of tenders who tendered for the job:

- i) Estimated cost put to tender: Rs. 8958452.00 (Rupees: Eighty Nine Lacs Fifty Eight Thousand Four Hundred Fifty Two Only)

Sl. No.	Name of contractor	Tendered amount	%above estimated cost	Rebate if any	Conditions if any
1	M/s. Anil Kumar Grower	Rs 8145640/-	(-) 9.07% below	Nil	Nil
2	M/s. Shraddha Interiors	Rs 8309152/-	(-) 7.25% below	Nil	Nil
3	M/s. Balaji Construction	Rs 8901720/-	(-) 0.63% below	Nil	Nil
4	M/s. S.K. Builders	Rs 11418368/-	27.46% above	6%	Nil

- 8. Date on which the validity of tenders expires on: (60 days from the opening of tender)

9. i) Justification of tender based on Market Rate Analysis:

Sl. No.	Class of work	Estimated cost of work	Estimated cost of analysed items	% items analysed	Justified amount of analysed items	%justified above EC
1	Civil work	8958452.00	8958452.00	100%	8688892.00	3.01% below

10. Remarks of the Superintending Engineer

- i) Availability of site Site is available
 - ii) Availability of stipulated materials ----
 - iii) Is this is the first call of tender Yes
 - iv) Availability of funds Funds are available
- Budget Head: Plan


(V.N. BAPAT)

- v) Any other information Nil
vi) Comments on the tender

The lowest tender of M/s. Anil Kumar Grower is highly competitive. Rates quoted for individual items are reasonable and the overall tender is well within the justification based on market rate analysis.

11. Recommendation of Superintending Engineer

The lowest tender of M/s. Anil Kumar Grower amounting to Rs. 8145640.00 which is – 9.07% below estimated cost of Rs. 8958452.00 is reasonable and recommended for acceptance and award of work


(Rajeev Garg)
Superintending Engineer

Annexure – II

**Pt. DWARKA PRASAD MISHRA INDIAN INSTITUTE OF INFORMATION
TECHNOLOGY DESIGN & MANUFACTURING JABALPUR**

Sub: Appointment of an Architect for PDPM IIITDM Jabalpur.

A pre-qualification notice for appointment of an Architect for design & planning of the campus was published in the following newspapers with due approval of competent authority:
Times of India - New Delhi, Bombay, Pune, Bangalore, Lucknow, Calcutta, Hyderabad, Mangalore & Ahmedabad, Editions.

The copy of the approval & the notice published is enclosed for reference at Annexure-I. In response of this advertisement, 25 nos. applications were received. The list of the applicants alongwith their addresses is enclosed at Annexure-II. These applications were scrutinized by the following committee:

1. Dr. S. G. Dhande - Acting Director, PDPMIIITDM, Jabalpur
2. Dr. Sanjeev Bhargava - Professor, IIT, Kanpur
3. Shri Rajeev Garg - Superintending Engineer, PDPMIIITDM Jabalpur

The scrutiny was made on the basis of their previous experience in the field of Institutional campus and their general design features. On this basis the following 7 firms were shortlisted.

1. M/s. C. P. Kukreja Associates, Ashirwad Building, D-1, Green Park, New Delhi- 016.
2. M/s. Munish Verma & Associates, B-21, Shakti Nagar, Extension, New Delhi-110 052.
3. M/s. Design and Development Forum, 501, B-9, ITL Twin Tower, Netaji Subhash Place, Pitampura, New Delhi.
4. M/s. Kanvinde Rai & Chowdhury, 14-F, Middle Circle, Connaught Place, New Delhi-01
5. M/s. Kothari & Associates, 6, Siri Fort Road, New Delhi- 110 049.
6. M/s. Arch - En - Design, 4/5, Vishal Khand, Gomti Nagar, Lucknow -226 010
7. M/s. Mukesh & Associates, 5/3, Ragavan Street, Swarnapuri, Salem-636 004.

A letter was sent to all the above 7 firms to submit the design philosophy which they propose for the campus of PDPMIIITDM Jabalpur, considering the various parameters. The copy of the same is enclosed at Annexure -III. They were invited to site for understanding the topography and environment and a site plan was also provided to all the 7 firms. Out of these 7 firms the following 5 firms submitted their presentation by the due date.

1. M/s. Design and Development Forum, 501, B-9, ITL Twin Tower, Netaji Subhash Place, Pitampura, New Delhi.
2. M/s. Kanvinde Rai & Chowdhury, 14-F, Middle Circle, Connaught Place, New Delhi-01
3. M/s. Kothari & Associates, 6, Siri Fort Road, New Delhi- 110 049.
4. M/s. Arch - En - Design, 4/5, Vishal Khand, Gomti Nagar, Lucknow -226 010
5. M/s. Mukesh & Associates, 5/3, Ragavan Street, Swarnapuri, Salem-636 004.

R. Bang
Shanti *M. J. J.*

The presentation were examined by the following committee on 04.09.2005.

1. Dr. S. G. Dhande - Acting Director, PDPMIITDM, Jabalpur
2. Dr. Kripa Shanker - Dy. Director, IIT, Kanpur
3. Dr. Sanjeev Bhargava - Professor, IIT, Kanpur
4. Dr. P. Gupta - Professor, IIT, Kanpur
5. Shri Rajeev Garg - Superintending Engineer, PDPMIITDM Jabalpur


The following parameters were considered for evaluation of the presentations.

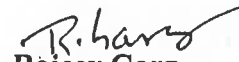
- i) Placement of various zones like Academic, Residential and Recreational.
- ii) Responsiveness to local environment, topography and materials
- iii) Adaptability to the fast changing academic environment.
- iv) The proposed energy efficiency techniques.
- v) The esthetic consideration.
- vi) Ease of convenience of proposed entry into various zones.

After careful study of every presentation in minute details the following 3 firms are shortlisted by the committee for Conceptual Master Plan design competition.

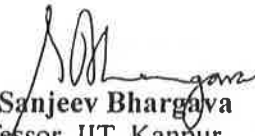
1. M/s. Design and Development Forum, 501, B-9, IITL Twin Tower,
Netaji Subhash Place, Pitampura,
New Delhi.
2. M/s. Kanvinde Rai & Chowdhury, 14-F, Middle Circle, Connaught Place,
New Delhi-01
3. M/s. Mukesh & Associates, 5/3, Ragavan Street, Swarnapuri,
Salem-636 004.

The committee also discussed the requirements of the propose campus to incorporate in the Master Plan and the scope of work for quoting the consultancy charges by the participants. The draft letters proposed to be sent is also enclosed for reference and approval.

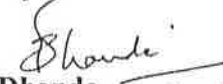

Dr. P. Gupta
Professor, IIT, Kanpur


Rajeev Garg
Superintending Engineer
PDPMIITDM, Jabalpur


Dr. Kripa Shanker
Dy. Director, IIT, Kanpur


Dr. Sanjeev Bhargava
Professor, IIT, Kanpur

Approved by


Dr. S. G. Dhande 8-9-05
Acting Director
PDPMIITDM, Jabalpur

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**Pt. DWARKA PRASAD MISHRA INDIAN INSTITUTE OF INFORMATION
TECHNOLOGY DESIGN & MANUFACTURING JABALPUR**

Sub: Appointment of an Architect.

A proposal to allocate 300 acres land for the campus of PDPM IIT DM, at Jabalpur was submitted to the District Administration of Jabalpur. The District Administration has allocated 250 acres of land at Mahgawan, Jabalpur & the boundary has also been demarcated by them. For designing & planning of the campus an Architect shall have to be appointed. Therefore it is proposed to publish a pre-qualification notice for appointment of an Architect in the following newspapers.

i) Times of India - New Delhi, Bombay, Pune, Bangalore, Lucknow, Calcutta,
Hyderabad, Mangalore & Ahmedabad, Editions.

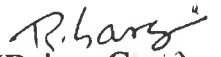
The draft pre-qualification notice is also submitted herewith for approval.

The tender notice of IWD, IIT, Kanpur are published by an agency M/s. Indads Advertising, 7/202-A, Swaroop Nagar, Kanpur. It is also proposed that this pre-qualification notice for PDPM IITDM Jabalpur may also be allowed to publish by the M/s. Indads Advertising, 7/202-A, Swaroop Nagar, Kanpur on the same rates terms & conditions as applicable to IWD, IIT, Kanpur.

Submitted for approval please.



Acting Director 27-5-05
PDPM, IITDM, Jabalpur,


(Rajeev Garg)
Executive Engineer
IIT, Kanpur





**PI. DWARKA PRASAD MISHRA INDIAN INSTITUTE OF INFORMATION
TECHNOLOGY DESIGN & MANUFACTURING JABALPUR
PRE-QUALIFICATION NOTICE FOR APPOINTMENT OF AN ARCHITECT**

PDPM IIITDM Jabalpur is interested in engaging an Architect for Planning & Designing of its Campus in an area of about 300 acres at Jabalpur. Architects should have atleast 10 years experience in the business and they should have designed atleast one Institutional Campus of similar magnitude. The Architect / firms will be shortlisted based upon their previous experience specially in the field of Institutional Campus, team composition, turnover of the company for last 3 years, client list etc. The knowledge of Japanese architecture shall be considered as an additional qualification. The interested parties may apply alongwith above details to the Acting Director, PDPM IIITDM Jabalpur, at Camp office, Room No. NL-201, IIT Kanpur before 15.06.05. The shortlisted firms shall be asked to submit the financial bid separately. For any further information the interested parties may contact, Executive Engineer, IWD/ Div-II, IIT Kanpur, Ph.:0512-2597604, on any working day during office hrs.

Acting Director

[Handwritten signature]

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Shank

Name & Address of Architects

Annex II

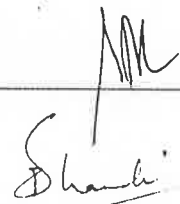
Sl. No.	Name & Address of Firms
✓ 1	C. P. Kukreja Associates Ashirwad Building D-1, Green Park, New Delhi-110016 Ph. No. 26863953, 26862449, 26858359, 26514516 Fax No. 91-11-26865770, 26856637, ✓ e-mail: cpkukreja@vsnl.com / cpkukreja@hathway.com
2	Architects Atelier Pvt. Ltd., SCO-8, Sector-17-E, Chandigarh Ph. No. 0172-2702073, 2715272, 9814019753, 9814920453
3	L. J Purani & Associates, 51, White House, Panchavati, Ellisbridge, Ahmedabad- 380006 Ph. No. 079-26446318, Fax No. 079-26565191 e-mail: ljpurani@icenet.net -
4	Partha Das & Associates AE-377, Sector-I, Salt Lake City, Kolkata -700 064 Ph. No. 2358-7614
5	Mecon Limited 15 th Floor, North Tower, SCOPE Minar, Laxmi Nagar, Delhi-110092 Ph. No. 011-22041468, 22041315, 22041201, 22041872 Fax No. 011-22041214, 22421310
6	Deep Design Arch Pvt. Ltd, N-8 A (Ground Floor) Jangpura Extn, New Delhi-110014 e-mail: deepdesignarch@yahoo.com
7	Prakash Kathaney Associates Jail Road, Near Church, Civil Lines, Wardha-442 001 Ph. No. 07152-246184, 9372912269




8 ✓	<p>Munish Verma Associates B-12, Shakti Nagar Extn, Delhi-110052 Ph. No. 27129102, 27144551, 27429194, Fax No. 011-27246781 ✓ e-mail: munishverma@bol.net.in</p>
9 ✓	<p>Design and Development Forum 501, B-9, ITL Twin towers, Netaji Subhash Place Pritampura, New Delhi-110034 Ph. No. 27354642, Telefax: 27351647 ✓ e-mail: ddfvastu@rediffmail.com</p>
10	<p>Chaugule Sant and Associates, 18, Vrindavankunj. Soc., 759/126-B, Prabhat Road, Pune-411 004. Ph. No. 020-25439252, 25445600, Fax No. 25449915 e-mail: sca_architects@vsnl.net</p>
11	<p>Kalayojan 303, Aroto house P. K. Road, Mulund (W) Mumbai-400 080 Ph. No. 022-25603437, 25690519, Fax No. 022-25684761 e-mail: porent@vsnl.com</p>
12 ✓	<p>Kanvinde Rai & Chowdhury 14 -F Middle Circle, Connaught Place, New Delhi- 110 001. Ph. No. 23312881, 23313649, Fax No. 23316650 ✓ e-mail: krcindia@ndc.vsnl.net</p>
13 ✓	<p>Mukesh & Associates 5/3, Raghvan Street, Swarnapuri, Salem – 636 004 Tamilnadu Ph. No. 0427-2330395, 2330568, 2331109, Fax No.0427-2330209 ✓ e-mail: mukeshassociates@vsnl.com</p>

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Shree

14	Bose Brothers, D-21, Connaught Place New Delhi-110 001. Ph. No. 23418560, 23418679, Fax No. 23415063 e-mail: admin@bosebrothersarchitects.com
15	Ashish Kapoor 21 B Aavadh Duplex, Off Vasna Road, Vadodara - 390015. Ph. No. 265 -2251016, 9824298992
16	G. C Sharma & Sons, 28/G-2, Connaught Circus, New Delhi- 110001, Ph. No. 23324166, 23355067, Telefax: 23730482 e-mail: gulabgcs@satyam.net.in
17	Creative Consortium SCO 56, Swastik Vihar, MDC Panchkula (Chandigarh)-134109 Ph. No. 0172,2556694 Fax No. 2556615 e-mail: info@creativeconsortium-india.com
18	Mathur Ugam & Associates A1/294, Safdarjung Enclave, New Delhi- 110029 Ph. No. 26108436, 26100971, Fax No. 26185711 e-mail: Ashish_m2000@hotmail.com
19 ✓	Kothari & Associates 6, Siri Fort Road, New Delhi-110049 Ph. No. 26253596, 26257720, 26257849, 26253600, e-mail: kotharis@vsnl.com , info@kothariassociates.com Fax - 011 - 26257090
20 ✓	Arch-En-Design, 4/5, Vishal Khand, Gomti Nagar, Lucknow-226 010. Ph. No. 0522-3955888, 3955889, Fax No: 0522-2303555 ✓ e-mail: lucknow@archendesign.com



21	Gian P. Mathur & Associates, Pvt. Ltd., C-55, East of Kailash, New Delhi-110065 Ph. No. 51624771, 51621128, 51621129 Fax No.: 26391198 e-mail: gpma@del3.vsnl.net.in
22	Kapoor & Associates AD-125 B, Ring Road, Shalimar Bagh, New Delhi-110088 Ph. No. 27480514, 27487604 e-mail: rakesh@bol.net.in
23	Avinash Khosla & Associates Kailash Cinem Road, Opp. Domoria Bridge, Civil Lines, Ludhiana-141008 Ph. No. 2448401, 2448293, 2302421, 2301732, 9814021780, Fax No. 0161-2448293, e-mail: kanavkhsla@consultant.com
24	Devarch BS-3, Silver Palace, (Opp. Patwardhan Ground), Dhantoli, Nagpur -440012. Ph. No. 546226, 225361
25	Gherzi Eastern Limited, Wing "A", Raheja Point I, Pt. Jawaharlal Nehru Road, Vakola, Santacruz (E), Mumbai-400 055. Ph. No. 022-55021380, Fax No. 022-26673193 e-mail: gel@gherzieastern.com



111

**Pt. DWARKA PRASAD MISHRA INDIAN INSTITUTE OF INFORMATION
TECHNOLOGY DESIGN & MANUFACTURING JABALPUR**

IITK Camp Office:
Post Office- IIT, Kanpur-208016
Jabalpur Campus:
IT Building Govt. Engineering College
Jabalpur

No. IIITDMJ/2005/
Dated:

To,

Sub: Appointment of an Architect for PDPM IIITDM Jabalpur.

Dear Sir,

It gives me great pleasure to inform you that your organization has been short listed at the 1st stage scrutiny for presentation of design philosophy of proposed PDPM IIITDM Campus at Jabalpur.

The Institute is looking for a campus design which is sensitive to local environments, energy efficient and able to integrate technological advancement. The design should also be a good blend of Japanese and Indian Architecture. A brochure giving a brief write up about the Institute is enclosed for reference.

You may please submit your presentation explaining the design philosophy that you propose for the Institute. Presentation should reflect how the design philosophy incorporates the following:

- Technological advancement for campus in general, buildings in particulars "Intelligent and smart" in nature by using modern electronic and IT tools.
- Responsiveness to local environments, topography and materials.
- Blend of Japanese and Indian Architecture.
- Energy efficiency
- Adaptability to the fast changing social economic environments
- Issue of connectivity in the design. The word connectivity includes for data, telephone, electrical cables, chilled water lines, drinking water lines, sewage, storm water, CNG etc.
- Issue of concerns such as Earthquake, Rain Water Harvesting, Re-cycling of solid and liquid waste.

To facilitate understanding the site and surrounding environments, you may visit the site on 23 & 24 August 2005 where site plan and other details can be made available.

The last date for submission of presentation is 02, September 2005. Based on the review of philosophy, Architects will be invited for presentation of master plan of the campus.

Thanking you,

With regards,

(Rajeev Garg)
Superintending Engineer

E-mail: rajg@iitk.ac.in

Ph. No. +91-0512-2597604 (O)

Mobile: 09415050268

**Pt. DWARKA PRASAD MISHRA INDIAN INSTITUTE OF INFORMATION
TECHNOLOGY DESIGN & MANUFACTURING JABALPUR**

IITK Camp Office:
Post Office- IIT, Kanpur-208016
Jabalpur Campus:
IT Building Govt. Engineering College
Jabalpur

No. IIITDMJ/2005/

Dated:

To,
M/s. _____

Sub: Pre-qualification of Architect / Consultant for Planning & Designing of Institutional Campus for PDPM IIIT DM Jabalpur.

Dear Sir,

I am pleased to inform you that your firm M/s. _____ has been shortlisted for participating in Master Plan design competition. The participant will be required to prepare a conceptual Mater Plan for the entire campus, keeping the margin for future expansion by the equal magnitude of the requirements given now.

The relevant details for the present requirements are furnished under.

1.0 Academic

i) Lecture Halls - 9 Nos. of the following seating capacity:


One for 500 seats (Lecture Hall- Cum- Auditorium),
Four for 120 seats,
Two for 240 seats
Two for 300 seats.
All the Lecture Halls shall be air-conditioned.

ii) Classrooms:

Four nos. 75 seats
Six nos. 40 seats.
All the classrooms shall be non- air-conditioned but with multimedia projection facility.

iii) Workshop:

Electronic shop,
Mechanical shop,
Software shop,
All should be integrated in such a fashion to achieve the concept of 4i i.e. Ideation, Implementation, Integration and Incubation.
The labs space should be sufficient to work for 100 students at any given time.
All these labs shall be centrally air- conditioned.


Shashi R. Singh

iv) **Core labs:**

Physics,
Chemistry,
Computer Science
Computer Graphics

Physics and Chemistry will be non- air- conditioned space. These labs should be sufficient to have 100 students at a given time.

In addition to the above labs, the Institute have the requirements of 30 nos. of small labs of about 200 sqm area for each lab wherein 25 students may work at a given time. In addition to that lab space there should be store / instrumentation rooms and office for Faculty / Research Engineer close to the lab. All these lab spaces shall be centrally air- conditioned.

v) **Computer Centre:** To house the main server without any student working area.

The Institute desires that the Academic area should be designed in such a manner that there are clusters of Natural Science, Design, Manufacturing, Computer Science & Engineering and Humanities & Social Science wherein the faculty of the various programs has their offices near the above mentioned workshops & labs.

vi) **Central Library:**

Capacity one lac volume in next 20 years time. The library shall be in five distinct sections Reserve Collection, Books, Journals, Digital Library, Reading space sufficient for 20% student strength.

vii) **Administration Block:**

The administrative block should have a concept of corporate working wherein the offices of Director, Dy. Director, Deans (three nos.), Registry Section, Admission, Account Section, Board Meeting Rooms (for 30 persons) Meeting rooms for Director (two nos. 20 & 50 person capacity), Video Conference Room and offices of other supporting staff like Institute Engineers, Estate Officer etc.

The administrative building shall not be centrally air-conditioned but have the provision to stand alone air- conditioning systems for required areas.

In addition to the above the Academic Area shall have student Gymkhana Centre, large enough Cafeteria to serve the lunch for 400 people at a time. Student Placement Office, Gymkhana Office, Sport Office, Counseling Service Centre, small shopping like Books and Stationary etc. For a broad guidelines, the Academic Area shall have about 1500 students in the next 10 years, 100 nos. Faculty Members likely to eventually grow to 200, about 50 Research Engineers and 200 supporting staff i/c labs and administration. There should be sufficient Faculty / Research Engineer's rooms and the office space for supporting staff.

2.0 Hostels:

Five nos. Boys hostels 300 seats each, One no. Girls hostel 300 seats.

All the room shall be single seated room of about 10 sqm area. The Girls hostel shall be constructed in the block of 50 seats.

All the hostels shall have a dining hall of about 200 seating capacity and modern kitchen for cooking, TV Room, Reading Room, Indoor Games Room like Table Tennis & Billiard, Administration Office, Warden Room, Meeting Room of capacity 25 seats. The hostels should have a sufficient open space for Badminton and


Shanti B. Singh

Volleyball Courts also to hold a get together like Hall day etc where 1000 people can participate.

3.0 Houses:

Director's Residence:

4 bed rooms with attached toilets, study room, drawing & dining room, kitchen, Poojagar, garage, 2 nos. servant qtrs (for chaukidar and servant) lobby etc.

Type-V single storied:

10 Nos. (3 bed rooms, study room, drawing & dining room, kitchen, 3 nos. toilets, lobby, garage, total plinth area about 190 sqm.

Type-IV single storied:

25 Nos. (3 bed rooms, drawing & dining room, study room, kitchen, 2 nos. toilets, lobby, garage, total plinth area about 160 sqm.

Type-III double storied:

50 Nos. (2 bed rooms, drawing & dining room, study room, kitchen, 2 nos. toilets, lobby, garage, total plinth area about 120 sqm.

Type-II double storied:

50 Nos. (2 bed rooms, drawing & dining room, kitchen, 1 no. toilets, total plinth area about 80 sqm.

For type-II & III houses covered common car / scooter with cycle parking space.

4.0 Community / Recreational Buildings:

- i) **Health Centre:** having Indoor and Outdoor facility with 10 beds ward. Outdoor shall have a provision of 5 nos. Doctor's Rooms, Dressing Room, Pharmacy Room and other minimum essential requirements of Primary Health Centre.
- ii) A common Cafeteria / Canteen in hostel area.
- iii) **Sport Facility:** Swimming Pool, Indoor, Badminton / Squash Court, Stadium with running track, Hockey & Football field, Indoor Gymnasium and Tennis Court.
- iv) **Utilities:** Building for Bank, Post Office, PCO, Convenient Shopping Centre of about 20 shops like Medical Store, Grossary, Tailor & other utility, Nursery, Staff / Faculty Club building, Guest House, Public Cafeteria which can be approach by outsiders also without entering in the main premises.

In addition to the above requirements the consideration that usually applied for the development of the campus should be taken in to account while developing the Master Plan.


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About the land:

- i) The surveyed site plan is enclosed.
- ii) The contour plan of the land is under preparation, the consultant may visit the site to understand the topography of the area.

About the competition:




- i) The concept, comprising of plans, sections and elevations shall be prepared on 1:8 scale or as per the preference of the consultant.
- ii) The drawing shall be developed on Autocad for clarity.
- iii) The selected participant(s) will be required to make Power Point Presentation before a panel of judges.
- iv) The time schedule for competition shall be as follows:
 - a) A meeting shall be held in the office of the undersigned on 19.09.2005 at 12.00 Noon at Jabalpur followed by a site inspection. The participants may seek clarification about the competition, if any.
 - b) The soft / hard copies of the concept drawings shall be submitted in a sealed cover to the office of the undersigned on or before 31.10.2005 upto 1700 hrs. Late entries shall not be accepted.
 - c) The concepts shall be assessed by a panel of judges and it will be upto the panel to decide the order of merit. Similarly the Institute reserves the right to select any of the concepts and the concerned consultant, for final appointment, taking into account all aspects including merit. The selected consultant will be invited on 08.11.2005 for Power Point Presentation, before the issue of the Letter of Appointment.
 - d) The Letter of appointment shall be issued on or before 14.11.2005 barring exceptional circumstances.
 - e) The tenders for phase-I work (Lecture Hall) are proposed to be invited in the month of February 2006. Therefore the selected Architect will have to furnish the detailed Architectural / Structural drawings and specifications within 90 days from the date of appointment. The total time for supplying all drawings shall not exceed 6 (six) months.
- v) The Institute, if it so reserves the right to appoint a single consultant or may split the work to two or more consultants. The selected consultants by the judges will not have any automatic claim for the complete project.
- vi) All the participants who furnish complete concept plans on or before the due date, shall be entitled for a payment of Rs. 1,00,000.00 (Rupees One Lac) only to defray the expenses preparation and submission of the entry, irrespective of its order of merit. Besides this no other fee / remuneration / reimbursement of any kind will be payable.


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About the Consultancy Charges:

- i) All the participants shall quote the fees and its breakup in the format enclosed at Annexure-I. The offer of fee shall be enclosed in a separate sealed envelope that will not be opened until the order of merit is decided.
- ii) In addition to the consultancy charges, the participants may also mention the other remunerations such as TA, DA, professional tax etc.
- iii) The consultant so appointed shall have to furnish 6 sets of Architectural / Structural / Plumbing / Site development drawing and 4 sets of Electrical / Air-conditioning drawings.
- iv) The Institute reserves the right to negotiate the consultancy fee and other terms of appointment with the selected consultant(s).
- v) The participant shall also quote the fee for interior furnishing. However it is upto the Institute to include the interior furnishing in the scope of work.

(Rajeev Garg)
Superintending Engineer

Letter No. IIITDMJ/2005/

Dated:

Breakup of consultancy charges**Scope of work:** The work comprising the followings:

- i) Preparation of Master Plan as per the requirement of Institute.
- ii) Taking of Institute's instructions, preparing sketch designs, sufficient to indicate the Architects interpretation of the instructions and making approximate estimate of cost by cubic measurement, square feet rates or otherwise for various buildings and services.
- iii) Preparation of detailed Architectural, Structural, Electrical, HVAC, drawings for various buildings as per the requirement of Engineer- in-charge.
- iv) Preparation of detailed service plans for Internal Plumbing, Sanitary, Drains for various buildings.
- v) Preparation of detailed service plans for External Water Supply, Sewage Disposal, Storm Water, Roads, Electrical Supply, Chilled Water Lines, Networking and Street lighting etc. for entire Campus as per the requirement of Engineer-in-charge.
- vi) Preparation of detailed plans for Solid & Liquid Waste Management Scheme for the entire Campus.
- vii) Preparation of detailed plans for Horticulture development and Landscaping for the entire Campus.
- viii) Preparation of detailed plans for Furniture layout for various buildings.
- ix) Preparation of preliminary estimates, detailed working drawings including Structural Calculations, detailed Estimates of Architectural / Civil Engineering, Electrical, Plumbing, HVAC, Site development to the entire satisfaction of the Institute.
- x) Preparation of a reasonable number of copies (upto a maximum of 12) of the Bill Of Quantities, RCC and architectural drawings and one set of structural calculations and detailed measurements sheets for the use of the Institute.
- xi) Rendering generally all technical services as may in any way relate to or arise out of the construction of the said building or the said installations of the fittings as have been entrusted to the Architects by the Institute.
- xii) Issue of certificate of completion of work as per CPWD rules and getting it approved by the Institute which will be accepted by the Institute if it is in accordance with the rules referred to above and preparation of two sets of completion plans of the said work.



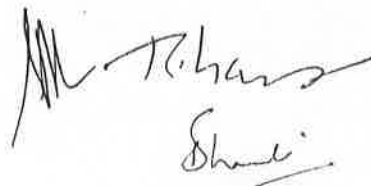
Handwritten signature, possibly "S. K. Singh" or similar, with a flourish below it.

- xiii) All charges levied by any Government Agency for submission of plans getting service connections etc. shall be borne by the Institute.
- xiv) The copy right in all the drawings and designs made by them will remain the property of the Architects.
- xv) Submitting application to competent authorities along with plans and drawing for building in accordance with relevant statutes, rules, regulations and / or by- laws, obtaining license, permission, sanction or approval for construction of building in accordance with plans and drawings, removing such objections as may be raised by the authorities, preparing architectural and services working drawings and other structural designs, calculations working drawings and specifications, which will conform to the CPWD or State PWD specifications as far as possible or such particulars as may be necessary and / or considered expedient by the Institute for the preparation of contract documents for the purpose of inviting tenders, scrutinizing and advising on the tenders received for the selection of suitable contractor.
- xvi) The Architects shall give periodic supervision and inspection as may be necessary to ensure that the project work is carried out in accordance with the contract drawings / documents.
- xvii) Advising the Institute on any technical matter connected with the construction of the said building or the installation of such fittings which may be entrusted to the architect at the discretion of the Institute.
- xviii) The Architect will be fully responsible in their capacity as Architects under these premises for the soundness and correctness of all architectural and structural designs and drawings of the buildings and of every portion thereof and of the installation as are entrusted to the architects and / or special consultant appointed by them and for the conformity of the buildings and the installation to the plans, designs and specifications approved by the Institute provided that the instructions of the architect are not overridden by the Institute.
- xix) Architects shall have the authority to reject the work, which in their opinion does not meet required standards of construction or is deviating from the contract documents or to recommended payment at reduced rates. They will have the authority to ensure special testing or inspection of built or incomplete work if they think necessary to ensure that the work is done in accordance with drawing and specifications. However, this shall not deprive the Institute in further using its discretion in respect of rejection of sub-standard work / deviation from the contract documents etc.

The scope of work does not include the followings:

- i) Invitation and processing of tenders.
- ii) Preparation and process of contractor's bills.
- iii) Day-to-day supervision of work.

(Rajeev Garg)
Superintending Engineer



Shankar

Schedule of Payment:


Sl. No.	Stage of work	Fees (to be quoted by the participants)
1	For preparation of Master Plan (payment shall be released after the approval by the Institute)	

Sl. No.	Stage of work	%age of Fees (to be quoted by the participants)
1	On submission and approval of sketch design & preliminary estimates for various buildings and services.	
2	On submission and approval of working drawings for Architectural, Structural, electrical & Air-conditioning sufficient to call tenders and their approval for various buildings and services.	
3	On submission of structural calculations, Bill of Quantities & tender documents alongwith the tender drawings for various buildings and services.	
4	On completion of 25% construction of various buildings & services	
5	On completion of 50% construction of various buildings & services	
6	On issue of completion certificate	
7	On settlement of contractor's final bill	
	Total	

Sl. No.	Stage of work	%age of Fees (to be quoted by the participants)
1	Royalty on the repetitive works	

Terms of Payment:

- i) The payment shall be released against production of bill by the architect within 15 working days after the date of submission.
- ii) Service Tax / Surcharge shall be paid by the Institute as applicable.
- iii) The payment shall be calculated on the basis of the accepted fee % applied on the actual value of work, executed on the basis of drawings supplied by the consultant.

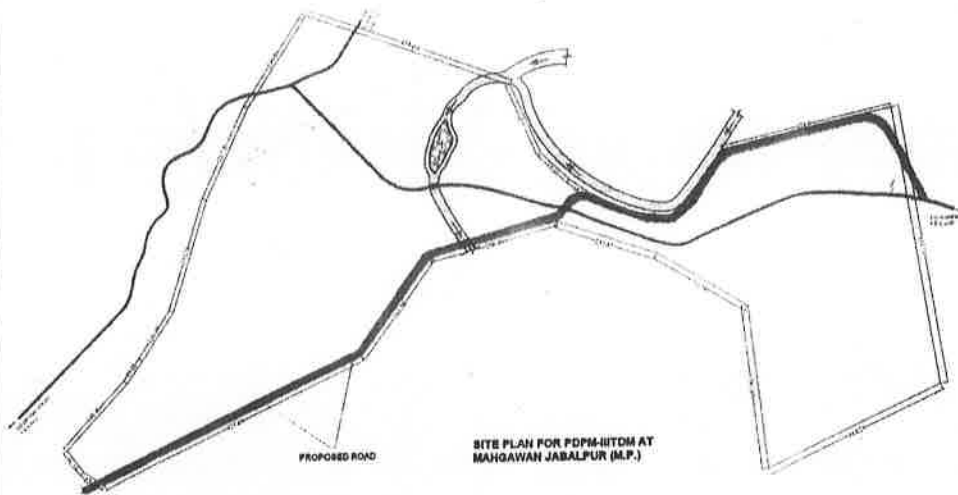

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- iv) The fee for the repetitive work like houses, etc shall be paid only on the original design and for all the repetition a royalty shall be paid to the architect that should be quoted separately.

In addition to the above fee the architect should quote the remuneration and traveling charges for the official visit of architect, their associates and their appointed consultants separately.

(Rajeev Garg)
Superintending Engineer

SM R.G.
S.E.



SITE PLAN FOR PDPM-ITDM AT MAHAWAN JABALPUR (M.P.)

PROPOSED ROAD