## तकनीकी शिक्षा संचालनालय, मध्यप्रदेश सतपुड़ा भवन, भोपाल – 462 004

क्रमांक / 05 / यो / सी / 2009 / प्रति.

भोपाल, दिनांक 07/08/2009

समस्त प्राचार्य,

शासकीय / महिला / स्वशासी / अनुदान प्राप्त पोलीटेकनिक महाविद्यालय, ...... (म.प्र.)

विषय :- विद्यमान पोलीटेकनिक महाविद्यालय में संसाधन विकास एवं शैक्षणिक सुविधाओं का आधुनिकीकरण (Infrastructure Development and Modernization of Facilities in Existing Polytechnics)

संदर्भ :- केन्द्र शासन का पत्र क्रं. एफ-नं.-27-1/2009 टीएस-IV, शास्त्री भवन, नई दिल्ली, दिनांक 20<sup>th</sup> July-2009

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विषयांतर्गत लेख है कि संदर्भित पत्र के माध्यम से केन्द्र शासन ने विद्यमान पोलीटेकनिक महाविद्यालयों में संसाधन विकास एवं विद्यमान शैक्षणिक सुविधाओं के आधुनिकीकरण हेतु निर्धारित प्रपत्र में निम्न कार्यों से संबंधित प्रस्ताव मांगे है :—

- (प) अनुपयोगी उपकरणों के स्थान पर आधुनिक उपकरणों की स्थापना।
- (पप) शैक्षणिक एवं परीक्षण कार्यों में सूचना प्रौद्योगिकी के उपयोग हेतु आधुनिक सुविधाओं का निर्माण।
- (पपप) संसाधन विकास एवं नवीन पाठ्यक्रमों को प्रारंभ करना।

इस हेतु केन्द्र शासन द्वारा अधिकतम रूपये 200.00 लाख की सहायता राशि उपलब्ध कराई जायेगी। अतः संस्था की आवश्यकतानुसार निर्धारित प्रारूप में, जो संचालनालय तकनीकी शिक्षा की वेबसाइट **www.mptechedu.org** पर उपलब्ध है, चाही गई जानकारियाँ पूर्णकर इस विषय पर क्रिस्प, स.व. पोलीटेकनिक महाविद्यालय परिसर, भोपाल में **दिनांक 11.08.2009 को दोपहर 3.00 बजे** से आयोजित बैठक में आवश्यक रूप से उपस्थित हो ताकि प्रस्ताव केन्द्र शासन को निर्धारित समय में भेजा जा सकें।

तकनीकी शिक्षा संचालक

मध्यप्रदेश. भोपाल, दिनांक 07 / 08 / 2009

पृ. क्रमांक / 05 / यो / सी / 2009 /

प्रतिलिपि :-

1. अपर सचिव, तकनीकी शिक्षा एवं प्रशिक्षण विभाग, मंत्रालय, भोपाल।

तकनीकी शिक्षा संचालक मध्यप्रदेश.

#### PROPOSAL FOR

# UPGRADATION OF INFRASTRUCTURAL FACILITIES IN THE EXISTING POLYTECHNICS

|  | Place (S | Place (State) | Place (State) |
|--|----------|---------------|---------------|

**Under the Scheme of Sub-Mission on Polytechnic under the Coordinated Action for Skill Development** 

Submitted to
GOVERNMENT OF INDIA
MINISTRY OF HUMAN RESOURCE DEVELOPMENT
(DEPARTMENT OF HIGHER EDUCATION)
SHASTRI BHAWAN
NEW DELHI

FORMAT FOR UPGRADATION OF INFRASTRUCTURAL FACILITIES

## IN THE EXISTING POLYTECHNICS-SUB-MISSION ON POLYTECHNICS UNDER THE COORDINATED ACTION FOR SKILL DEVELOPMENT

## PART 1: BASIC INFORMATION ABOUT THE POLYTECHNIC

| 1 | a) | Name of Polytechnic               |
|---|----|-----------------------------------|
|   |    |                                   |
|   |    |                                   |
|   | b) | Location (Road, Street Name,      |
|   |    | Locality, City, Pin Code)         |
|   |    |                                   |
|   |    |                                   |
|   | c) | Year of Establishment             |
|   | d) | Women/ Co- educational            |
|   | e) | Government/Government Aided       |
|   | f) | Name of Institution Affiliated to |
|   |    | Board/ Autonomous                 |
|   |    |                                   |
| 2 | a) | Name of Principal/ Incharge       |
|   |    |                                   |
|   | b) | Office address with Pin Code      |
|   |    |                                   |
|   |    |                                   |
|   |    | OCC DI N 14 CED                   |
|   | c) | Office Phone No. with STD         |
|   | 1) | Code                              |
|   | d) | Residential Phone No. with STD    |
|   |    | Code                              |
|   | e) | Talex/ Fax No. On which           |
|   | 0  | message can be given              |
|   | f) | E-mail addeess                    |
| 3 | a) | Name of Vice- Principal/ Deputy   |
| 4 |    | incharge                          |
| 4 | a) | Name of Nearest Railway           |
|   |    | Station                           |
| 5 | a) | Name of Nearest Air Port          |
|   |    |                                   |

PART II: CURRENT STATUS AND ACADEMIC DIMENSIONS OF THE POLYTECHNIC

1. Courses and Sanctioned Intake in various programmes

Information to be filled in Table 1

## 2. Faculty Position and Development Status

Information to be filled in Table 2 & 3

### 3. Books and Learning Resources Utilization Center (LRUC)

Information to be filled in Table 4

## Rational for strengthening LRUCs

Information to be filled in Table 5

### 4. Existing Laboratories and Workshops

Information to be filled in Table 6

### 5. Rational for Proposed Modernization of Laboratories and Workshops

Information to be filled in Table 7 & 8

## 6. New courses / Programmes to be introduced in this scheme (if any). Details thereof and estimates

### 7. Estimated Cost for Upgradation of Infrastructural Facilities

Information to be filled in Table 9

Table -1 COURSES AND SANCTIONED INTAKE IN VARIOUS PROGRAMMES

| Sl.    | Name of the Course        | Year of     | Diploma/ Post      | Duration | Semester/ | Sanctiones |                       | llment all Years                        | Total |  |  |  |  |
|--------|---------------------------|-------------|--------------------|----------|-----------|------------|-----------------------|---|-------|--|--|--|--|
| No.    |                           | Starting    | Diploma            |          | Annual    | Student    | $(1^{st} Yr + 2^{t})$ | $^{\text{nd}}$ Yr + $3^{\text{rd}}$ Yr) |       |  |  |  |  |
|        |                           |             | _                  |          |           | intake     | upto 2                | 2008-09*                                |       |  |  |  |  |
|        |                           |             |                    |          |           |            | Male                  | Female                                  |       |  |  |  |  |
| 1.     |                           |             |                    |          |           |            |                       |   |       |  |  |  |  |
|        |                           |             |                    |          |           |            |                       |   |       |  |  |  |  |
|        |                           |             |                    |          |           |            |                       |   |       |  |  |  |  |
| 2.     |                           |             |                    |          |           |            |                       |   |       |  |  |  |  |
|        |                           |             |                    |          |           |            |                       |   |       |  |  |  |  |
|        |                           |             |                    |          |           |            |                       |   |       |  |  |  |  |
| 3.     |                           |             |                    |          |           |            |                       |   |       |  |  |  |  |
|        |                           |             |                    |          |           |            |                       |   |       |  |  |  |  |
|        |                           |             |                    |          |           |            |                       |   |       |  |  |  |  |
| 4.     |                           |             |                    |          |           |            |                       |   |       |  |  |  |  |
|        |                           |             |                    |          |           |            |                       |   |       |  |  |  |  |
|        |                           |             |                    |          |           |            |                       |   |       |  |  |  |  |
| The to | otal enrollment of all co | urses for e | entire duration to | be given | •         |            |                       |   |       |  |  |  |  |

The total enrollment of all courses for entire duration to be given.

Table- 2
CURRENT FACULTY STATUS

| Category | Total Post |     | Post Filled |    |     |     |       |        |        |    |     |                |             |
|----------|------------|-----|-------------|----|-----|-----|-------|--------|--------|----|-----|----------------|-------------|
|          | Sanctioned | Reg | ular        | Ad | hoc | Cer | ntral | Dual ( | Charge | То | tal | Grand<br>Total | %<br>filled |
|          |            | M   | F           | M  | F   | M   | F     | M      | F      | M  | F   |                |             |
| 1        | 2          | 3   | 4           | 5  | 6   | 7   | 8     | 9      | 10     | 11 | 12  | 13             | 14          |
|          |            |     |             |    |     |     |       |        |        |    |     |                |             |
|          |            |     |             |    |     |     |       |        |        |    |     |                |             |
|          |            |     |             |    |     |     |       |        |        |    |     |                |             |

Table- 3
CURRENT SUPPORTING STAFF STATUS

| Category | Total Post |     | Post Filled |    |     |     |       |        |        |    |      |                |             |
|----------|------------|-----|-------------|----|-----|-----|-------|--------|--------|----|------|----------------|-------------|
|          | Sanctioned | Reg | ular        | Ad | hoc | Cer | ntral | Dual ( | Charge | То | otal | Grand<br>Total | %<br>filled |
|          |            | M   | F           | M  | F   | M   | F     | M      | F      | M  | F    |                |             |
| 1        | 2          | 3   | 4           | 5  | 6   | 7   | 8     | 9      | 10     | 11 | 12   | 13             | 14          |
|          |            |     |             |    |     |     |       |        |        |    |      |                |             |
|          |            |     |             |    |     |     |       |        |        |    |      |                |             |
|          |            |     |             |    |     |     |       |        |        |    |      |                |             |

Table- 4

BOOKS AND LEARNING RESOURCES AVAILABLE CURRENT STATUS (NUMBER)

| Sr. | Type of LRs | Tota    | al                 |
|-----|-------------|---------|--------------------|
| No. |             |         |                    |
|     |             | Numbers | Amount (in Rupees) |
|     |             |         |                    |
|     |             |         |                    |
|     |             |         |                    |
|     |             |         |                    |
|     |             |         |                    |
|     |             |         |                    |
|     |             |         |                    |
|     |             |         |                    |
|     |             |         |                    |
|     |             |         |                    |

Table- 5
BOOKS AND LEARNING RESOURCES PROPOSED TO BE PURCHASED

| Sr. No. | Type of LRs | Total Quantity<br>Required | Total Cost (Rs. in million) | Procureme<br>(Rupe | ocurement schedule with Approx. cost (Rupees in lakh) during 11 <sup>th</sup> Plan |              |  |  |
|---------|-------------|----------------------------|-----------------------------|--------------------|--|--------------|--|--|
|         |             |                            |                             | Up to 31-03-2010   | Year 2010-11   | Year 2011-12 |  |  |
|         |             |                            |                             |                    |  |              |  |  |
|         |             |                            |                             |                    |  |              |  |  |
|         |             |                            |                             |                    |  |              |  |  |
|         |             |                            |                             |                    |  |              |  |  |
|         |             |                            |                             |                    |  |              |  |  |

Table- 6
LABORATORIES AND EQUIPMENT AVAILABLE

| Sr. | Laboratory/ workshop | List of equipment each costing more |          | oility of | Condition |          |
|-----|----------------------|-------------------------------------|----------|-----------|-----------|----------|
| No. |                      | than Rs. 10,000/-                   | document | s manuals |           |          |
|     |                      |                                     | Yes      | No        | In use    | Obsolete |
|     |                      |                                     |          |           |           |          |
|     |                      |                                     |          |           |           |          |
|     |                      |                                     |          |           |           |          |
|     |                      |                                     |          |           |           |          |
|     |                      |                                     |          |           |           |          |
|     |                      |                                     |          |           |           |          |

Table- 7

NAME OF LABORATORIES AND WORKSHOPS

| Name of      | Existing  | Additional requirement for | or current and new courses |
|--------------|-----------|----------------------------|----------------------------|
| Laboratories | Workshops | Laboratories               | Workshops                  |
|              |           |                            |                            |
|              |           |                            |                            |
|              |           |                            |                            |
|              |           |                            |                            |
|              |           |                            |                            |
|              |           |                            |                            |
|              |           |                            |                            |
|              |           |                            |                            |

Table- 8

TENTATIVE EQUIPMENT (+ FURNITURE) REQUIREMENT

| Sr.<br>No. | Name of<br>Course | Year of<br>Starting the<br>Course | Name of<br>Laboratory | Total quantity required | Total Cost<br>(Rs. in<br>million) | Procurement schedule with Approx. cost (Rupees in lakh) during 11 <sup>th</sup> Plan |      |              |      |              |      |
|------------|-------------------|-----------------------------------|-----------------------|-------------------------|-----------------------------------|--|------|--------------|------|--------------|------|
|            |                   |                                   |                       |                         |                                   | Up to 31-03-2010   |      | Year 2010-11 |      | Year 2011-12 |      |
|            |                   |                                   |                       |                         |                                   | No.  | Amt. | No.          | Amt. | No.          | Amt. |
|            |                   |                                   |                       |                         |                                   |  |      |              |      |              |      |
|            |                   |                                   |                       |                         |                                   |  |      |              |      |              |      |
|            |                   |                                   |                       |                         |                                   |  |      |              |      |              |      |
|            |                   |                                   |                       |                         |                                   |  |      |              |      |              |      |
|            |                   |                                   |                       |                         |                                   |  |      |              |      |              |      |

Table- 9
ESTIMATED COST FOR INFRASTRUCTUREL DEVELOPMENT

| Sr. | Expenditure Category      | Allocat          | ion sought (Rupees in la | kh)          |
|-----|---------------------------|------------------|--------------------------|--------------|
| No. |                           |                  |                          |              |
|     |                           | Up to 31-03-2010 | Year 2010-11             | Year 2011-12 |
| A)  | INVESTMENT COST           |                  |                          |              |
|     | BOOKS (+JOURNALS)         |                  |                          |              |
|     | LrS                       |                  |                          |              |
|     | Sub Total (A)             |                  |                          |              |
| B)  | RECURRING COST            |                  |                          | I            |
|     | Consumables               |                  |                          |              |
|     | Operation and Maintenance |                  |                          |              |
|     | Sub Total (B)             |                  |                          |              |
|     | Grand Total (A) + (B)     |                  |                          |              |

## FINANCIAL RESOURCES

| Sr.<br>No. |  |                                  | 200 | 6-07 | 200 | 7-08 | 2008 | 3-09 |
|------------|--|----------------------------------|-----|------|-----|------|------|------|
| 1          | Whether the institution is receiving grants, if so details during last 3 years | a) State b) Others (Pl. specify) |     |      |     |      |      |      |

Whether the institute received any grants from Central Government / and any other agencies such as Tech. Ed. I, II, & III during the last 15 years, if so give details.

| Scheme | Year | Amount Received | Amount Spent |
|--------|------|-----------------|--------------|
|        |      |                 |              |
|        |      |                 |              |
|        |      |                 |              |
|        |      |                 |              |
| Total  |      |                 |              |
|        |      |                 |              |

Which are the major areas for Modernization and Strengthening of Polytechnics on priority. Please give a brief write up and list of the areas.

Details:-

- a) Guidelines for justification in respect of:
  - 1. Modernization of Laboratories and Workshops
    - i. Rational
    - ii. Objectives
    - iii. Laboratories to be Modernized
    - iv. Resources required in terms of equipment, space, furniture
    - v. Consumables, operation and maintenance etc.
    - vi. Plan of modernization of existing laboratories in phased manner
  - 2. Learning Resource Utilization Centre (LRUC)
    - i. Rational
    - ii. Objectives
    - iii. Expected impact
    - iv. Resources required in terms of equipment, books and consultancy
    - v. Learning resources proposed to be acquired during project (Provide information in table-6)
    - vi. Financial implications (Provide financial information in table)