



**Er. H.P. Singh**  
Executive Engineer

ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਜਲੰਧਰ

**PTU** PUNJAB  
TECHNICAL  
UNIVERSITY

Estd. Under Punjab Technical University Act, 1996  
(Punjab Act No. 1 of 1997)

Ref No PTU/CC/338

Dated 20.03.12

**The Director,**  
Department of Technical Education and  
Industrial Training, Punjab,  
Plot No. 1, Sector-36A, Chandigarh.

**Sh. S.L. Kaushal,**  
Chief Architect, Punjab (Retd),  
2865, Sector 42-C,  
Chandigarh.

**Sh. Amrit Sagar Mittal**  
CMD,  
Sonalika Tractors Ltd, Hoshiarpur.

**Sh. Deepak Mittal,**  
Chairman, CII,  
Sonalika Tractors Ltd, Hoshiarpur.

**Dr. Nachhattar Singh,**  
Dean (P&D),  
Punjab Technical University, Jalandhar.

**Dr. H. S. Bains,**  
Registrar,  
Punjab Technical University, Jalandhar.

**Dr. Buta Singh,**  
Dean (Academics),  
Punjab Technical University, Jalandhar.

**Dr. J.S. Hundal,**  
Principal, Giani Zail Singh College of  
Engineering and Technology, Bathinda.

**Dr. Prabhjot Kaur,**  
Head of the Architectural Department,  
Giani Zail Singh College of Engineering  
and Technology, Bathinda.

**Dr. G. S. Bath,**  
Registrar,  
Giani Zail Singh College of Engineering and  
Technology, Bathinda.

**Sh. Rajiv Agrawal, Architect,**  
Archigroup Architects,  
A-14, First Floor, Sector-15,  
Noida - 201301 (UP)

**Sh. S. K. Mishra,**  
Director/Finance,  
Punjab Technical University, Jalandhar.

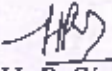
**Sub : Construction of new campus of Punjab Technical University - 31<sup>st</sup> meeting of the  
Standing Building Construction Committee.**

Dear Sir/Madam,

Please find enclosed herewith minutes of the above said meeting for kind information and further necessary action please. Comments, if any, may please be forwarded within 10 days of issue of this letter.

Thanking you

Yours Sincerely,

  
(H. P. Singh)  
Executive Engineer

Copy to : Dr. R. S. Khandpur, Director General, PGSC, SCO 60-61, Sector 34-A,  
Chandigarh for kind information please.

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PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

Minutes of the 31<sup>st</sup> Meeting of the Standing Building Construction Committee held on 14.03.2012 under the Chairmanship of Dr. R. S. Khandpur, Director General, PGSC in his office at Chandigarh.

Committee is thankful to Hon'ble Vice Chancellor, PTU, who spared his valuable time and attended the meeting.

Following were present in the meeting:

1. Sh. Mohanbir Singh, Additional Director, Department of Technical Education, Punjab (Representing Director, Department of Tech. Education and Industrial Training, Punjab)
  2. Sh. S.L. Kaushal, Chief Architect, Punjab (Retd.)
  3. Dr. Nachhattar Singh, Dean (P&D)
  4. Dr. Buta Singh, Dean/Academics
  5. Dr. H.S. Bains, Registrar
  6. Sh. S.K. Mishra, Director (Finance)
  7. Dr. J. S. Hundal, Principal,
  8. Dr. G.S. Bath, Registrar,
  9. Sh. Jagdip Singh Sidhu, SDO
  10. Sh. Rajiv Aggarwal, Architect
  11. Sh. Jiwan Kapur, Architect
  12. Ms. Mansi Bedi, Architect
  13. Sh. H. P. Singh, Executive Engineer, PTU
- } PTU
- } Giani Zail Singh College of Engg. and Tech., Bathinda
- } Archigroup Architects, Noida.

**Item No. 31.1 :** To confirm the Minutes of 30<sup>th</sup> meeting of Standing Building Construction Committee held on 19.12.2011.

The minutes of 30<sup>th</sup> meeting of Standing Building Construction Committee held on 19.12.2011 were confirmed by all the members.

**Item No. 31.2 :** Action taken on various items discussed during previous meetings of Standing Building Construction Committee.

Executive Engineer, PTU gave details of action taken on various items discussed during previous meeting of Standing Building Construction Committee which are as under:

- The detailed designing required upto tender invitation stage for structure, HVAC, Electrical, Plumbing and Fire Fighting systems of two towers, one library and one seminar hall of proposed PIT at main campus, Kapurthala has been completed and further detailing is in progress.
- The scrutiny of the applications received against one post of Assistant Executive Engineer and two posts of Assistant Engineer for Construction cell has been completed and interviews are being organized.
- For detailed planning and preparation of master plan, design/drawings by the Architect, the detailed requirements (design briefs) for PIT, Mansa has been prepared by the University. Based upon these requirements, master plan is being presented by the Architect in this meeting.

*[Handwritten Signature]*

- For engagement of contractors for execution of works of PIT, Kapurthala (balance works of partially constructed buildings), pre-qualification of contractors have been invited and the same is being discussed in the present meeting as a agenda item.
- The works of Design & construction of STP and road works within the main campus have been awarded.
- The contractor for construction of boundary wall of PIT, Nandgarh (Bathinda) has been appointed and the works have been started.
- Tenders for construction of boundary wall of PIT, Mansa have been received, technical evaluation completed and financial bids of the pre-qualified agencies have been opened on 12.03.2012 and award of work in under process.

**Item No. 31.3 :** To discuss and approve the rough cost estimate of two college buildings, one seminar hall and one library proposed to be constructed at PTU's main campus, Kapurthala.

The Standing Building Construction Committee in its 27<sup>th</sup> meeting approved the rough cost estimate for two college buildings, one seminar hall and one library proposed to be constructed at PTU's main campus, Kapurthala based upon CPWD's plinth area rates for an amount of Rs. 97.71 Crores (agenda item No. 27.4). For approval of the same from BOG, the same was put up in 45<sup>th</sup> meeting held on 21.12.2011 under agenda item No. 45.8, wherein it was decided that University should get the cost estimate checked through an independent agency. Accordingly, the same was submitted to Thapar University, Patiala for checking. Thapar University, Patiala has checked and vetted this estimate for an amount of Rs. 97.70 Crores. However, while vetting this estimate, it has been observed by them that a lift has been taken in the estimate for G+2 building (ARE Central library & Canteen), which may be reconsidered.

It was explained by the Architect that provision for lift has been provided in the library for physical disabled persons and the same was agreed to by the committee.

Committee recommends approval of the estimate of two college buildings, one seminar hall and one library proposed to be constructed at PTU's main campus, Kapurthala for an amount of Rs. 97.70 Crores.

**Item No. 31.4 :** To review the tendering process of engagement of executing agency for PIT Kapurthala.

In 30<sup>th</sup> meeting of the Standing Building Construction Committee held on 19.12.2011, it was decided (agenda Item No. 30.4) that pre-qualification of contractors for construction of PIT, Kapurthala be invited. Accordingly, pre-qualification of contractors for balance works of PIT, Kapurthala, valuing about Rs. 20.23 Crores were invited through press advertisement. In response to the same, only three agencies have submitted their applications.

Committee observed that on account of nature of work (left over works), the response is poor. It was decided by the committee that these pre-qualification process may be cancelled and open tenders in two packet system after combining this work with new works i.e. two college buildings, one seminar hall and one library be invited so that large size bidders participate in the bidding as the total estimated cost in this case will be about Rs. 118 Crores.

**Item No. 31.5 : To discuss and approve the Master plan of proposed Punjab Institute of Technology at Mansa (Main campus).**

Based upon the requirements finalized by the University, master plan prepared by the Architect was presented in the meeting. After due deliberations and discussions, committee decided the following:

1. Athletic track of minimum 200m should be provided in the main campus. Possibility of locating the same at a place where presently administrative block and Auditorium have been proposed should be explored.
2. Two towers of six storey each should be planned to take care of the academic requirements. However, no. of storeys for administrative block may be kept as G + 2.
3. Following works are to be planned under Phase-I. However, while invitation of tenders, different completion periods will be given for different works depending upon the urgency of requirements:-

a) Science Block

b) Administrative Block

c) *Engineering Blocks:*

- i. Electronics Communication Engineering
- ii. Electrical Engineering
- iii. Computer Science and Engineering
- iv. Mechanical Engineering
- v. Civil Engineering

d) Workshop Block

e) Health Centre

f) Central Library, Canteen, Computer Centre and Central Research Facility.

g) *Hostels:*

- i. Boys Hostels – 3 seaters : 1 block of 200 capacity
- ii. Girls Hostels – 3 seaters : 1 block of 200 capacity

The rooms for the hostels should have the provision of balconies and arrangement for fixing of coolers etc.

h) *Residences:*

- |      |                      |   |         |
|------|----------------------|---|---------|
| i.   | Director             | : | 1 No.   |
| ii.  | Professors           | : | 4 Nos.  |
| iii. | Associate professors | : | 8 Nos.  |
| iv.  | Assistant Professors | : | 16 Nos. |
| v.   | Supervisory Staff    | : | 4 Nos.  |

Areas for different residences shall be kept as per prescribed norms.

4. Following works will be taken up in Phase-II:

- a) Management Block
- b) Senior Science Block
- c) Auditorium

The Architect was advised to revise the Master plan on the basis of above decisions and present the same preferably in the next meeting of Standing Building Construction Committee scheduled to be held on 29<sup>th</sup> March, 2012.

**Item No. 31.6 :**      **To discuss and approve the estimates of works to be executed at PTU Giani Zail Singh College of Engineering and Technology, Bathinda.**

The estimates/requirements of the works proposed to be executed at Giani Zail Singh College of Engineering and Technology, Bathinda (GZSCETB) were presented by the Principal and after due deliberations and discussions, committee took the following decisions:

**31.6.1 : REPAIR OF COLLEGE ROADS :**

It was informed by Principal, GZSCETB that the estimate for this work has been prepared by Punjab PWD (B&R) and is based upon their CSR. Moreover, this work is also to be executed by Punjab PWD.

The committee approved the estimate for an amount of Rs. 68.10 lacs. for this work.

**31.6.2 : WHITE WASHING, PAINT IN THE COLLEGE:**

Principal, GZSCETB informed that the estimate for this work is based upon Punjab PWD CSR and this work will be executed by college authorities, being a small work. Committee approved the estimate for this work for Rs.18.45 lacs. It was advised by the committee that special care may be taken regarding quality of the paint to be used for this work.

**31.6.3 : PERMISSION FOR CONVERSION OF D-TYPE HOUSES INTO HOSTEL FOR PG / RESEARCH SCHOLARS:**

Committee approved execution of additional/renovation works required for conversion of vacant D-type houses for use as hostel for PG / Research Scholars. It was advised by the committee that instead of boundary wall with bricks, landscaping/hedges may be used as a partition.

The estimate for this work amounting to Rs.73.44 lacs. (after excluding the cost of brick boundary wall) was approved.

**31.6.4 : CONSTRUCTION OF COLLEGE BOUNDARY WALL :**

Committee agreed for raising/repairs of boundary wall to the required height. However, it was advised that design of boundary wall with respect to increase in earth pressure due to increase in height of external roads and extra load due to increase in height of boundary wall may be got checked before execution of works.

The estimate for this work amounting to Rs.31.97 lacs. is approved.



**31.6.5 : CONSTRUCTION OF STUDENT CENTRE :**

Committee agreed, in principle, for construction of Student Centre. However, it was advised by the committee that facilities proposed to be provided at the student centre and its estimate based upon these facilities may be re-examined and put up in the next meeting.

**31.6.6 : CONSTRUCTION OF PHYSICS BLOCK:**

Committee is of the view that the estimate for this work does not seem to be realistic. It was advised that finishing schedule for this work may be got approved first and accordingly the estimate suitably revised.

**31.6.7 : CONSTRUCTION OF PORCH IN FRONT OF ADMN. BLOCK :**

The estimate for this work is based upon Punjab PWD CSR rates. Committee approved execution of this work with an estimated cost of Rs. 14.00 lacs.

**31.6.8 : CONVERSION OF ARCH. DEN IN CONFERENCE ROOM :**

The Committee approved execution of this work with an estimated cost of Rs. 10.00 lacs.

The meeting ended with thanks to the chair.

