



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/Const Cell/100/23450

Dated 24.01.2011

Sh. Chander Mohan,
House No. 202, Sector 36-A, Chandigarh.

Sh. S.L. Kaushal,
Advisor/Architecture,
2865, Sector 42-C, Chandigarh.

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

Dr. Nachattar Singh,
Advisor to VC and Dean (P&D),
Punjab Technical University, Jalandhar.

Sh. H.S. Bains,
Registrar, Punjab Technical University, Jalandhar.

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

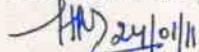
**Sub : Construction of new campus of Punjab Technical University – 21st meeting of the
Standing Building Construction Committee.**

Dear Sir,

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 :

- i. Dr. R. S. Khandpur, Director General, PGSC, SCO 60-61, Sector 34-A, Chandigarh for kind information please.
- ii. Sh. Rajiv Aggarwal, M/s Archigroup Architects, A-14, Sector-15, Noida -201301 alongwith extract of relevant points of the Minutes of the Meeting.

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Punjab Technical University Jalandhar

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PUNJAB TECHNICAL UNIVERSITY JALANDHAR

Minutes of the 21st meeting of the Building Construction Committee held on 18.01.2011 under the Chairmanship of Dr. R. S. Khandpur, Director General, PGSC in his office at Chandigarh.

Present :

1. Sh. Chander Mohan, Member, BOG
2. Sh. S.L. Kaushal, Retired Chief Architect, Punjab
3. Dr. Navneet Walia, Deputy Director, DOTE, Punjab
(Representing Director, Technical Education and Industrial Training, Punjab).
4. Dr. Nachattar Singh, Advisor to VC and Dean (P&D), PTU
5. Sh. H.S. Bains, Registrar, PTU
6. Dr. Buta Singh, Dean (Academics), PTU
7. Sh. H. P. Singh, Executive Engineer, PTU
8. Sh. Rajiv Aggarawal, Architect, Archigroup Architects, Delhi.

Item No. 21.1 : To review, finalize and approve the requirements/building plans for establishment of Post-Graduate Departments at University Campus, Kapurthala.

The requirements for establishment of Post-Graduate Departments at University Campus, Kapurthala were discussed in detail and the following were finalized:

As per approval of the BOG, there will be 5 schools in 5 different disciplines. Each discipline will have 3 specializations. It was decided to build the schools in the modular form. Accordingly, there will be 5 modules. In addition, one module will house the common facility required by all the schools, making a total of 6 modules.

In order to minimize the land requirements, it was decided to have two towers, each tower having five storeys and accommodating three modules. It was also decided to construct one tower in the first phase.

The space for one school will have the following provisions:

S. No.	Description	Requirements
1	Director Office	: 1 No.
2	PA to Director	: 1 No.
3	Clerical Staff	: 1 No.

4	Faculty :		
	a) Professors	:	6 No.
	b) Associate Professors	:	10 No.
	c) Assistant Professors	:	10 No.
5	Reception Area	:	1 No.
6	Storage Space/Filing Room	:	For all above faculty at one place
7	Seminar Hall - 150 Capacity	:	1 No.
8	Lecture Halls of capacity :		
	a) 60 students	:	2 No.
	b) 30 students (Tutorials)	:	10 No.
9	Project Research Labs	:	6 Nos.
10	Technician (Within Labs)	:	As per Labs
11	Common room/Dry Canteen	:	1 No.
12	Toilets	:	As required.

Following facilities, which will be common to all the schools will also be provided:

1. Prototyping Centre
2. General Testing Facilities Centre
3. Common Research Facilities
4. Common Cafeteria for all the schools

Following points shall also be considered while finalizing the design/drawings:

1. The building will be well ventilated and solar passive.
2. Provision for rain harvesting to be provided.
3. Solar energy system may not be provided for the school.
4. Air-conditioning may be provided by a combination of split A.C. and towers, as per requirements. Provisions for Air-conditioning is to be done for all areas except for corridors, stairs and toilets.

Dean (Academic) PTU explained that eventually the University will have 15 schools in different disciplines. Therefore, 5 towers should be planned for the schools and another tower for the common facilities. As such, the total number of towers which should be taken into consideration for layout planning in the master plan should be SIX. The Architect was advised accordingly.



The Architect agreed to submit a detailed note in the next meeting on the provisions of the intelligent buildings. The Committee will then deliberate and decide about the provisions to be kept in the building after examining the cost benefit analysis of the same.

The Architect agreed to prepare the detailed plan based upon the above requirements and provisions within a period of 20 days. Accordingly, it was decided to hold the next meeting of the Building Construction Committee on 09.02.2011.

Item No. 21.2 : To approve recruitment of officers and officials for the construction cell.

The Committee approved the required staff for construction cell. However, the staff will be recruited as and when required. However, one Asstt. Executive Engineer (Civil) and one Asstt. Engineer (Civil) may be recruited immediately.

Item No. 21.3 : To review the estimates submitted by the Architect for Phase-II works.

The detailed estimates submitted by the Architect for the staff quarters were discussed. The committee was of the view that the estimates submitted by the Architect are on the higher side.

The Architect explained that the estimates are on the higher side on account of better finishes approved by PTU and rich specifications provided for the work. Some additional provisions such as dual piping and second tank for grey water reuse for flushing, solar water heating, maintenance free outer finishes of washed aggregates & stone bands, oil bound distemper, cupboards etc. has also increased the cost.

The Committee desired that PTU may have a fresh look at the

- Number of staff quarters required for each category, with priority
- Specifications and finishes for each category of houses.

This information may be placed before the Committee in its next meeting.

Item No. 21.4 : To start the process of appointment of Architect for Architectural services for establishment of new Punjab Institute of Technology at Ludhiana, Barnala and Mansa.

For Architectural services in respect of the above institutes, continuation of the present Architect i.e. M/s Archigroup Architects, Delhi engaged by PTU for its main campus at Jalandhar-Kapurthala Road was discussed.



M/s Archigroup Architects, Delhi was engaged by PTU for rendering Architectural services for its main campus at Jalandhar-Kapurthala Road by following a competitive bidding process. Accordingly, the scope of work defined in the agreement with M/s Archigroup Architects is limited to rendering Architectural services for PTU's main campus only. There is no reference of any additional work in the contract executed with this firm.

The Dean (Academic) PTU mentioned that the construction of these institutes requires to be taken up urgently. This can be done only after engagement of the Architect. Therefore, there is a need to have the architectural services available as early as possible.

The Committee felt that in case, a new Architect is to be appointed through competitive bidding, a lot of time will be required to complete the exercise. In case, M/s Archigroup Architects is considered for the new institutes at already accepted rates, terms and conditions, the additional work can be added to their scope of work. The services rendered by M/s Archigroup Architects have been found to be satisfactory and by and large, there has been no complaint or delays in supply of design, drawings etc. on their part. However, it needs to be examined as to whether it would be procedurally correct or not.


The Committee decided that this issue may be referred to the BOG for advice and decision.

Item No. 21.5 : Any other point with the permission of the Chair.

Issues related with maintenance of PTU's Administrative Building:

The problems faced by PTU such as falling of red stone from fascia and collapsing of false ceiling at some locations during maintenance of already constructed main administrative building at Jalandhar-Kapurthala Road were brought to the notice of the Architect. The Architect informed that the design of the fascia was based on the relevant ISI code. Mr. Chander Mohan wanted to have a perusal of the code. The Architects agreed to send him the same. The Architect were also advised to visit the site and suggest the remedial measures for the same.

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


H.P. Singh
EE/PTU