



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/EE/1705

Dated 21.07.2014

Sh. D.L. Sharma, President,
Vardhman Spg. & Gen. Mills Ltd.,
Chandigarh Road, Ludhiana.

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

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

Sh. A. N. Chowdhry (Special Invitee),
3-B, Jyoti Nagar,
Jalandhar.

Er. Jaswant Singh Pabla (Sp. Invitee),
(Electrical Expert)
House No. 2631, Sector-79,
Mohali.

Sh. Inderjit Kumar (Special Invitee),
(PH Experts)
House No. 116, Phase 3B/I,
S.A.S. Nagar, Mohali.

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

Er. A. K. Prabhakar,
OSD to Vice Chancellor,
Punjab Technical University, Jalandhar.

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

The Registrar,
Punjab Technical University,
Jalandhar.

Dr. Prabhjot Kaur (Special Invitee),
Officiating Director Mohali Campus,
C102B, Phase-7 Industrial Area, Mohali.

Sh. Rajiv Aggarwal, Architect
M/s Archigroup Architects,
A-14, Sector-15,
Noida -201301.

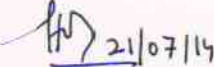
Sub : Construction of new campuses of Punjab Technical University – 42nd meeting of the Standing Building Construction Committee.

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,


21/07/14

(H. P. Singh)
Executive Engineer

Copy to : Dr. R. S. Khandpur, DG, PGSC (Retd), Science House, H. No. 2901, Phase 7,
(Sector 61), Mohali.

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PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

Minutes of the 42nd Meeting of the Standing Building Construction Committee held on 16.07.2014 under the Chairmanship of Dr. R. S. Khandpur, Director General, PGSC (Retd) at PTU's Mohali campus.

Following were present in the meeting:

1. Sh. A.K. Parbhakar, OSD to Vice Chancellor and CVO, PTU
 2. Sh. S. L. Kaushal, Chief Architect, Punjab (Retd),
 3. Sh. A. N. Chowdhry, Chief Engineer, PWD (Retd),
 4. Sh. Jaswant Singh Pabla, Chief Engineer, PSPCL (Retd)
 5. Sh. Inderjit Kumar, Executive Engineer (Retd), Public Health Expert
 6. Dr. Prabhjot Kaur, officiating Director, PTU's Mohali Campus
 7. Sh. H. P. Singh, Executive Engineer, PTU.
 8. Ms. Sangeeta Goyal, Deputy Director, DTE
 9. Sh. Rajiv Aggarwal, Architect
 10. Sh. Nitin Goel, Architect
 11. Ms. Prerna Sharma, Architect
 12. Sh. Praveen Kumar, Consultant
 13. Sh. Tanuj, Consultant
- } M/s Archigroup Architects, Noida

Item No. 42.1 : To confirm the Minutes of 41st meeting of Standing Building Construction Committee held on 03.04.2014.

As no comments had been received, the minutes of 41st meeting of Standing Building Construction Committee held on 03.04.2014 were confirmed.

Item No. 42.2 : Action taken on various items discussed during previous meetings of Standing Building Construction Committee.

It was informed by Executive Engineer/PTU that following actions have been taken on various items discussed during previous meeting of Standing Building Construction Committee:

- The concept plans of convention centre (auditorium) has been revised by the Architect based upon the discussions held in the previous meeting and rough cost estimate for the same is to be discussed in the present meeting. Building plans have been submitted to Chief Town Planner, Punjab for approval.
- The detailed designing and estimation for the works to be executed at Punjab Institute of Technology, Sikhwala and Punjab Institute of Technology, Arniwala based upon approved master plan and building plans has been started. Building plans for both the institutes have been submitted to Chief Town Planner, Punjab for approval.

- The detailed designing and estimation for the hostels to be constructed at main campus has been started by the Architect. Building plans have been submitted to Chief Town Planner, Punjab for approval.
- The detailed estimate for proposed Director's office at Punjab Institute of Technology, Kapurthala has been prepared and sent to PWD for vetting.
- Punjab State Council for Science and Technology has completed 'Energy Audit' for PTU's administrative building at main campus, Kapurthala and their report is awaited.

Item No. 42.3: To discuss and approve the rough cost estimate for construction of proposed auditorium at main campus, Kapurthala.

After detailed discussions and deliberations, committee decided that detailed study, analysis and specifications of the following items are finalized before finalization of the estimate:-

- i. Video presentation system
- ii. Sound reinforcement system
- iii. Stage lighting
- iv. Fire Fighting
- v. Wall panelling
- vi. Acoustic Treatment.

It was decided that experts engaged by the Architect for the above works shall make the presentations on the provisions, specifications, manufacturers etc. considered while preparing the estimate. On approval of the provisions, specifications, manufacturers by the committee, detailed estimate shall be revised by the Architect accordingly.

It was also agreed that a meeting to finalize these issues shall be held on 01.08.2014 at PTU's Mohali campus.

Item No. 42.4 : To discuss and approve the design basis reports submitted by the Architect for Structure, Electrical and Public Health works in respect of Punjab Institute of Technology, Arniwala, Fazilka.

The committee noted that Punjab Cabinet have approved constitution of new technical university at Bathinda and district Fazilka will fall under the jurisdiction of new university. It was opinioned by the committee that new university may have different requirements for this campus and thus it was decided to defer this time for the time being.

Item No. 42.5 : To discuss and approve the design basis reports submitted by the Architect for Structure, Electrical and Public Health works in respect of Punjab Institute of Technology, Sikhwala, Mukatsar Sahib.

The committee noted that Punjab Cabinet have approved constitution of new technical university at Bathinda and district Mukatsar Sahib will fall under the jurisdiction of new university. It was opinioned by the committee that new university may have different requirements for this campus and thus it was decided to defer this time for the time being.

Item No. 42.6 : To discuss and approve the design basis reports submitted by the Architect for Structure, Electrical and Public Health works of Hostels and auditorium proposed to be constructed at main campus, Kapurthala.

After detailed discussions and deliberations on the reports presented by the Architect, following decisions have been taken by the committee:

1. Structure:

The report presented by the Architect has been approved.

2. Electrical Works:

- i. The calculation of loads may be re-examined in light of the report being submitted by Punjab State Council for Science and Technology for the 'Energy Audit' conducted for PTU's administrative building at main campus, Kapurthala.
- ii. Planning for 66 KVA sub-station is to be done as the total electric load for the entire campus will be more than 4000 KVA after considering the load for auditorium and hostels.
- iii. Provision of two DG sets of 125 KVA capacity each is approved. One of these will be for emergency services of hostels. However, when emergency supply for auditorium will be required, both DG sets will be used for the same and during this period, no emergency supply will be given to the hostels.
- iv. Provision of LED lights for hostels is approved.

3. Public Health Works:

The location of new Sewerage treatment plant for auditorium and hostels shall be near to the existing STP to have low maintenance cost and better control.

4. HVAC works:

The HVAC works for the auditorium should be designed for 25°C and AC load is re-worked out.

Item No. 42.7 : To discuss and approve the finishing schedules (internal and external) for Punjab Institute of Technology buildings at Arniwala, Sikhwala and auditorium & hostels for main campus, Kapurthala.

The discussions on the finishing schedules (internal and external) for Punjab Institute of Technology buildings at Arniwala, Sikhwala was deferred in light of the facts explained under agenda item No. 42.4.

After detailed discussions and deliberations on the finishing schedules presented by the Architect for proposed auditorium & hostels at main campus, Kapurthala, following decisions have been taken by the committee:

1. External Finishes:

i. Auditorium:

The committee agreed for provision of stone for exterior finish of the auditorium. However, it was advised to the Architect that type of stone and pattern is to be got approved from the committee.

ii. Hostels:

The committee agreed for provision of grit wash on entrance and painting for rest of the area. However, it was advised to the Architect that pattern/scheme is to be got approved from the committee.

2. Internal Finishes:

i. Auditorium:

a) Flooring :

- Stage : Wooden flooring
- Inside Auditorium : Carpet
- Toilets, change rooms, VIP rooms : Vitrified tiles

For circulation area and VIP Banquet, it was agreed that a pattern of granite and marble stone will be provided. However, the same shall be prepared by the Architect and got approved from the committee.

b) Walls :

- Inside Auditorium : Panelling as per acoustic design
- Toilets : Ceramic tiles
- Circulation area : Maintenance free dado upto 4'-0" height and painting above.

ii. Hostels:

a) Flooring :

- Rooms, corridors, toilets, warden room and sickroom : Kota stone
- Dinning hall, recreation room and lift lobby : Vitrified tiles
- Intermediate terraces : Crazy flooring with kota stone border

b) Walls :

- Rooms and warden room : Synthetic enamel paint
- Corridors, toilets, staircase, Dining, recreation, sickroom, Laundry, kitchen and hand wash. : Ceramic tiles dado and synthetic enamel paint above.

Item No. 42.8 : To discuss and approve the revised estimate for raising, repairing and painting of existing boundary wall of main campus, Kapurthala.

After detailed discussions and deliberations, committee approved the revised estimate for an amount of Rs.62.49 lacs.

Item No. 42.9 : To discuss and approve the revised estimate for construction of boundary wall of Punjab Institute of Technology, Mansa.

The committee noted that Punjab Cabinet has approved constitution of new technical university at Bathinda and district Mansa will fall under the jurisdiction of new university. It was opined by the committee that new university may have different requirements for this campus. It was apprised by Executive Engineer, PTU that contractor for construction of boundary wall has already been appointed by PTU and major part of the works have already been executed and some materials are lying at site and precast panels have also been fabricated by the contractor. After detailed discussions and deliberations, even though committee agreed for increased cost of the work, it was decided that works upto award value of the works is got executed from the contractor to avoid any litigation with the contractor and contract is foreclosed.

Item No. 42.10 : To discuss and approve the requirement and scheme for construction of buildings for Bank, Post office and shopping centre at main campus, Kapurthala.

After detailed discussions and deliberations on various options presented by the Architect, committee decided the following:

1. The bank and post office should be located near the library building under construction for Punjab Institute of Technology.
2. Local shopping centre is to be housed near proposed outdoor sports stadium and near rear boundary wall.

Item No. 42.11 : To discuss and approve the requirement and scheme for construction of major roads at main campus, Kapurthala.

After considering the overall development of the campus, committee decided that major roads of the campus may be got constructed.

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