



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/524

Dated 19-07-2011

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

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

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

Dr. Buta Singh,
Dean/Academics, Punjab Technical University, Jalandhar.

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

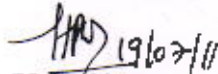
Sub : Construction of new campus of Punjab Technical University – 27th meeting of the Standing Building Construction Committee.

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 :

- Dr. R. S. Khandpur, Director General, PGSC, SCO 60-61, Sector 34-A, Chandigarh for kind information please.
- Sh. Rajiv Aggarwal, M/s Archigroup Architects, A-14, Sector-15, Noida -201301.
(Minutes of agenda items No. 27.1, 27.2, 27.4 to 27.7)

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Punjab Technical University Jalandhar

Kapurthala Campus : Jalandhar-Kapurthala Highway, Post Bag No. 01, Kapurthala.

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PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

Minutes of the 27th Meeting of the Building Construction Committee held on 13.07.2011 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, Chief Architect (Retd.), Punjab
 3. Dr. Nachhattar Singh, Advisor to VC and Dean (P&D), PTU
 4. Dr. Buta Singh, Dean/Academics, PTU
 5. Sh. H.S. Bains, Registrar, PTU
 6. Sh. H. P. Singh, Executive Engineer, PTU
 7. Sh. Rajiv Aggarwal, Architect
 8. Ms. Mansi Bedi, Architect
- } From Archigroup
} Architects, Noida.

Item No. 27.1 : To confirm the Minutes of 26th meeting of Standing Building Construction Committee held on 26.05.2011.

The minutes of 26th meeting of Standing Building Construction Committee held on 26.05.2011 were confirmed by all the members except for some comments received against item No. 26.3 (Para 3) from Sh. S. R. Aggarwal, Chief Engineer (Retd), special invitee in 26th meeting. The comments/observations received from Sh. Aggarwal were discussed in detail and the following was decided:

- Para 1) i : Agreed
- Para 1) ii : Agreed
- Para 2) : CPVC will be used in chases as these pipes have longer life and other advantages over GI pipes.
- Para 3) : It was decided that STP with FAB Technology will be provided for APIT campus, Kapurthala as provision for double piping for flushing system has not been kept in the buildings already constructed and treated water from STP will only be used for horticultural purposes. However, UV treatment system will be provided as per the requirements of Ministry of Environment. Considering the running and maintenance issues, it was decided that all STPs of PTU will be constructed with FAB technology as the same persons will be able to run and maintain all the STPs.

Item No. 27.2 : Action taken on various items discussed during previous meetings of Standing Building Construction Committee.

Action taken on various items discussed during previous meeting of Standing Building Construction Committee is as under:



- Three stage evaluation in respect of appointment of Architect for Architectural services for establishment of new Punjab Institute of Technology at Mansa, Ludhiana & Barnala, PTU's Regional campus at Mohali and other future works were completed and discussed in the present meeting.
- The Architect has started detailed designing for structure, HVAC, Electrical, Plumbing and Fire Fighting systems of two towers, one library and one seminar hall of the proposed PIT at main campus, Kapurthala. The Architect presented schedule for completion of these activities in the present meeting.

Item No. 27.3 : To finalize the appointment of Architect for Architectural services for establishment of new Punjab Institute of Technology at Mansa, Ludhiana & Barnala, PTU's Regional campus at Mohali and other future works.

In the bids invited for appointment of Architect for Architectural services for establishment of new Punjab Institute of Technology at Mansa, Ludhiana & Barnala, PTU's Regional campus at Mohali and other future works, M/s Archigroup Architects, Noida scored the highest overall score and is eligible for award of work/negotiations in terms of bid conditions. Committee negotiated the rates with the representative of M/s Archigroup Architects, Noida and after discussions, M/s Archigroup Architects, Noida reduced their rates from 2.04% to 2.00%.

Committee recommends award of this work to M/s Archigroup Architects, Noida at negotiated rates of 2.00% . All terms and conditions of tender will remain the same.

Item No. 27.4 : To discuss and approve the rough cost estimate (based upon plinth area rates of CPWD) submitted by the Architect for two towers, one library and seminar hall of the proposed Punjab Institute of Technology (PIT) at PTU's main campus at Jalandhar-Kapurthala Road.

The rough cost estimates for two towers, one library and seminar hall of the proposed Punjab Institute of Technology (PIT) at PTU's main campus at Jalandhar-Kapurthala Road based upon plinth area rate of CPWD amounting to Rs. 97.71 Crores were approved.

Item No. 27.5 : To discuss and finalize the methodology/procedure to be adopted for invitation & finalization tenders, project management including supervision of works in respect of PIT Kapurthala works.

After approval of the Estimates by the BoG, tender will be invited as per the following system:

1. Open tenders in two packet systems will be invited for engagement of contractors.
2. All civil, internal electrical, Fire detection, lifts, plumbing works of all the buildings will be included in one package.

3. Specialized agencies will be engaged for specialized works such as external electrical works, fire fighting works, external development, Pump houses, STP, Air-Conditioning etc.
4. PTU is not inclined to appoint engineering staff for continuous supervision of works as there may be utilization problems for this staff after completion of the works. So, it was decided to engage supervision consultant, preferably a central Govt. PSU, through invitation of tenders for which EE/PTU was advised to prepare the bid document and present the same in the next meeting for discussions and approval.

Item No. 27.6 : To discuss and approve the 'Finishing Schedule' submitted by the Architect for two towers, one library and seminar hall of the proposed Punjab Institute of Technology (PIT) at PTU's main campus at Jalandhar-Kapurthala Road.

The Architect presented the proposed 'Finishing Schedule' for two towers, one library and seminar hall of the proposed Punjab Institute of Technology (PIT) at PTU's main campus at Jalandhar-Kapurthala Road. After lot of discussions/deliberation, following finishing schedule has been approved:

1. COLLEGE BUILDINGS:

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|--|---|
| • KOTA STONE: | All areas except entrance cores, staircases, toilets & entrance courts (with 20% marble in Pattern) |
| • GRANITE: | Entrance cores & general staircase |
| • VITRIFIED TILES (NON SKID): | Toilets |
| • INTERLOCKING PAVERS: | Entrance Courts |
| • PLASTIC EMULSION WITH PUTTY | All Areas except in toilets |
| • ACRYLIC WASHABLE DISTEMPER WITH PUTTY | Toilets, dry Canteen, Utility |
| • DRY DISTEMPER | Utilities |
| • WHITE (VERY LIGHT BISCUIT COLOR) STONE | Corridor Walls |
| • BLACK GRANITE COUNTERTOP | Research Labs (Only on one side), Canteen, Pantries |

2. LIBRARY

- | | |
|--------------------|---|
| • KOTA STONE: | Entrance Courts (Kota with 20% granite in Pattern), entrance steps, All areas except toilets and general Staircase(Kota with 20% marble in Pattern) |
| • VITRIFIED TILES: | Toilets |
| • GRANITE: | General Staircase |

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- IPS: AHU
- PLASTIC EMULSION WITH PUTTY: All areas except toilets, kitchen, AHU's and Utilities
- ACRYLIC WASHABLE :DISTEMPER WITH PUTTY Toilets, Kitchen, AHU
- DRY DISTEMPER Utilities
- BLACK GRANITE COUNTERTOP Kitchen, Serving (cafeteria), Issue Counter

3. SEMINAR HALL

- VITRIFIED TILES: Toilets
- KOTA STONE: Seminar hall (carpet optional), Stage , Entrance Foyer (with 20% marble in Pattern), Entrance Steps
- PLASTIC EMULSION WITH PUTTY: All areas except toilets
- ACRYLIC WASHABLE DISTEMPER WITH PUTTY: Toilets
- BLACK GRANITE COUNTERTOP: Toilets

4. EXTERNAL FINISH

- RED AND WHITE (very light biscuit color) SAND STONE As per elevation

5. MISCELLANEOUS

- SOUND INSULATION In seminar, AV room, meeting room and Lecture halls as required
- FALSE CEILING (Gypsum & Armstrong Boards): As required

6. DOORS AND WINDOWS

- WINDOWS Anodized aluminum with reflective single glass
- STRUCTRAL GLAZING Anodized aluminum with reflective glass (single/double as required)
- DOORS Aluminum Frames with laminated Flush Door shutters

Item No. 27.7 : **Payment to the Architect for preparation of drawings and data to be submitted to Department of Town and Country Planning for approval of plans and to the Ministry of Environment and Forest for Environmental Clearance for APIT and PIT works at main campus.**

It was informed to the committee that PTU is to submit drawings and data to the Department of Town and Country Planning for approval of plans and to the Ministry of Environment and Forest for Environmental Clearance for APIT and PIT works at main campus. All these drawings and data are to be prepared by the Architect but the same is not included in his scope of work. For performing similar work in respect of Phase-II (A) works, a payment of Rs. 6.00 lacs has been approved in 20th meeting of the Building Construction Committee (Agenda Item No. 20.7). The Architect has requested for similar payment in respect of APIT and PIT, Kapurthala works. The Committee agreed and approved payment on proportionate basis of the covered area of the proposed buildings in Phase II (B).

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