



T. L. Dhall  
Superintending Engineer



9/11  
PUNJAB  
TECHNICAL  
UNIVERSITY

ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਜਲੰਧਰ

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Date 24/08/07

To

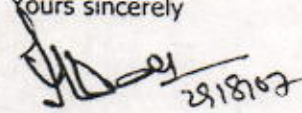
1. Sh. N.S. Kalsi, IAS, Secretary (Employment Generation), Punjab, Chandigarh
2. Dr. R.S. Khandpur, DG, PGSC, Chandigarh
3. Sh. Chandra Mohan, Member BOG, Chandigarh
4. Sh. S.L. Kaushal, Advisor (Arch.), PTU, Chandigarh
5. Sh. T.L. Dhall, Chief Engineer, PTU, Jalandhar

**Subject:-** Minutes of the 16<sup>th</sup> meeting of the Standing Building Construction Committee held on 23.08.07 under the Chairmanship of Sh. P. Ram, IAS, Principal Secretary, Technical Education, Govt. of Punjab, in his office at Chandigarh

Dear Sir

Please find enclosed herewith the minutes of the meeting mentioned in the subject cited above for your kind information and further necessary action.

Yours sincerely

  
Chief Engineer

cc:

1. Ps to Principal Secretary, Technical Education, Govt. of Punjab for the kind information of the Principal Secretary, Please.
2. Registrar, Punjab Technical University, Jalandhar for kind information please
3. Sh. Rajiv Aggarwal of M/S Archigroup Architects, 5/304, Sikka Complex, Preeta Vihar Community Center, Vikas Marg, Delhi.
4. Sh. S.K. Misra, COF, Punjab Technical University, Jalandhar,

For compliance,  
please.

# PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

Minutes of the 16<sup>th</sup> Meeting of the Standing Building Construction Committee held under the Chairmanship of Hon'ble Sh. P. Ram, IAS, Principal Secretary Technical Education, Govt. of Punjab in his office room at Chandigarh on 23-08-07

The following were present :

- i. Dr. R.S. Khandpur, Director General, Pushpa Gujral Science City, SCO 60-61, 3<sup>rd</sup> Floor, Sector 34, Chandigarh.
- ii. Dr. V.K. Arora, Dean (Academic), PTU, Jalandhar
- iii. Sh. S.L. Kaushal, Advisor (Architecture), 2865, Sector 42-C, Chandigarh.
- iv. Mr. Rajiv Aggarwal, M/s Archigroup Architects, 5/304, Sikka Complex, Preet Vihar Community Centre, Vikas Marg, Delhi
- v. Mr. Jeevan Kapur, M/s Archigroup Architects, 5/304, Sikka Complex, Preet Vihar Community Centre, Vikas Marg, Delhi
- vi. Dr. A.P. Singh, Consultant, PII, M/s Archigroup Architects
- vii. Sh. T.L. Dhall, Chief Engineer (Additional Charge), PTU, Jalandhar

## 16.1 To decide specifications of Roads, parking and footpaths around Administrative Building.

In the 15<sup>th</sup> meeting, it was decided to adopt the following types of roads around the Administrative Building with the following specifications :

Roads	Concrete Roads
Parking	Concrete Pavers
Footpaths	Concrete Pavers

Dr. V.K. Arora Dean (Academic) intimated to the committee that there is a saving of Rs. 1 crore approximately if the roads constructed as per specifications adopted in Pushpa Gujral Science City with 13 inches crust thickness in comparison to the construction of Concrete roads as per specifications given by the Architects for about 10000 Sq metre area around the Administrative Building. The soil texture and the traffic characteristics are almost identical for both the premises.

Mr. Dhall intimated that he made a detailed study of the roads in Punjab, Haryana and Delhi and found that except on the riding surface of Doraha canal Bridge no where exposed concrete surface is existing and all the bridges on G.T. Road in the state of Punjab and Haryana and Road over bridges in Delhi and Noida have been provided with Bituminous Asphaltic riding surface so that concrete surface is not eroded due to abrasion by the movement of vehicles and

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the brake pressure which may result in slippage and skidding effect to the moving vehicles. The Doraha Bridge where the Bitumen Mastie has not been provided has developed pot holes and even the reinforcement steel is visible in some patches with highly uneven surface because of wear and tear caused due to abrasion and brake pressure. The crust is also highly damaged.

Sh. Rajiv Aggarwal intimated that all the Auto-balms (highways) in Germany have been replaced by bituminous roads where concrete roads were constructed.

Better quality concrete roads can only be constructed. (Delhi- Mathura Road) if these are constructed with concrete sensor pavers and with modern techniques of surface water extraction and enriching the surface with chemical admixtures. No special agency is likely to quote for this small job at a remote place.

Dr. S.K. Salwan also made a telephonic call to Sh. P. Rani the worthy Chairman of the committee with the recommendations for the construction of black top roads as an austerity measure.

The Committee approved that the black top Bitumenous roads shall be constructed. Sh. S.L. Kaushal desired and requested that roads should be designed for proper specifications considering the factors of loading, traffic, characteristics and the soil texture in the University Campus.

It was approved that the Bitumenous work on the roads shall be constructed with sensor pavers and vibratory rollers with bitumenous mix manufactured in an automatic fully computerized Hot Mix Plant. The parking shall be constructed with special concrete pavers with designed color pattern to give pleasing ambience.

Sh. Rajiv Aggarwal shall supply specification, estimate and BOQ for the roads Parking and the footpaths after designing specifications of roads and a road with medium type of loading pattern of the concrete pavers and the footpaths as mentioned above so that tenders are invited on the pattern already submitted by bifurcating in two parts viz Mechanically executed bituminous work of roads as one part and construction of footpaths parking and road upto 1<sup>st</sup> coat of surfacing and providing of pavers as a 2<sup>nd</sup> part. as two different types of specialized agencies are involved

*[Signature]*

- 16.2 Campus Drainage Design and tender may be invited on pattern already approved by the Committee

The Campus drainage drawings were presented to the committee by Sh. I.P. Singh, Consultant PII. He explained the rain harvesting concept with the provision of a lagoon. The committee expressed satisfaction for the planning and design evolved for the drainage of the campus and instructed the Chief Engineer to ensure strict quality control in the construction. The Consultants shall ensure that bore wells for rain harvesting systems are of properly designed with sedimentation pits as per the soil characteristics so that proper sedimentation of the silt is achieved. The design of the lagoon should be based on the catchment area, and other factors like rain intensity, duration etc., as an architectural feature.

- 16.3 The Committee recommended that the bills for the 2<sup>nd</sup> phase of the construction as submitted by M/s Archigroup as per terms and conditions of the Contract Agreement may be cleared as per the agenda item after getting its approval from the worthy Chief Secretary cum Chairman BOG PTU by sending the file in process of rotations through the Chairman of this committee immediately.

- 16.4 White stone cladding instead of red stone cladding in the core as per the architectural and aesthetic requirements proposed by Sh. Kaushal and Sh. Rajiv Aggarwal was approved as per terms and conditions of the contract agreement.

- 16.5 The committee approved the extension of the officers for six months. Regarding enhancement in pay facilities, increment and other facilities, it was decided that all the employees of the construction staff may be given perks and other facilities on the pattern of Pashpa Gajral Science City and the file may be sent for approval of the Chairman BOG as being provided to the other employees of the University on contract.

- 16.6 Table Agenda No. 1

An estimate amounting Rs. 7.13 lacs was put to the committee for establishing mother nursery and construction of the two green shade net houses. The worthy Chairman desired that fruit plants should also be planted and developed in the campus in designed pockets. The committee approved the estimate and directed ordered for immediate execution of work on PWD pattern.

- 16.7 Sh. I.L. Dhall has submitted his personal request that he and the construction staff attached with him have not been provided with the minimum infrastructure and facilities which has definitely induced dissatisfaction and frustration to the employees. This has also resulted in inefficiency. He stated that he has to sit in room with the Chief Engineer and has not been provided Computer to work personally and no steno typist has been attached with him even the record keeper

*[Signature]*

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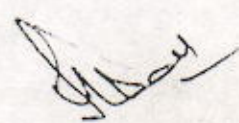
is not available Effort is now being made by the University to provide Photostat Machine, Fax Machine and the STD on the land line phone no vehicles has been attached with the three Assistant Executive Engineer and the seven Assistant Engineers working at site despite of the fact that site is in the remote area and they have to visit different Govt. offices in Jalandhar, Kapurthala and Patiala and to the market for the exploration of rates and quality of materials. Only one vehicle Mahindra Scorpio which has already run 2, 75000 KM and generally remains in workshop for repairs has been attached with the Chief Engineer and the Superintending Engineer which too is oftenly withdrawn for other University works. The same has already been brought to the notice of the University authorities in writing. The Chairman directed Dr. V.K. Arora that infrastructure and facilities should immediately be provided to the officers/ officials of the construction staff as per their status and facilities being provided in P.W.D and he would like to have a report in compliance in this regard.

- 16.8 Sh. Dhall expressed his concern regarding delayed payments which may result in delay and become a cause for financial implications and reasons for inviting arbitrations. The worthy chairman directed that the bills should be approved by the S.E after scrutiny by the Accounts Branch of the University as already decided as per item no. 53 of the minutes of the meeting of BOCI committee for construction of PII Campus under the Chairmanship of Sh. K.K. Bhatnagar on 15-12-05 the then Principal Secretary Technical Education. \* The worthy Chairman ordered that responsibility shall be fixed and the action shall be taken as per rules against the employee responsible for delay in making and payments to the Contractors

Minutes attached on Annexure A

The meeting ended with thanks to the Chair.

  
29/07/07  
Dr. V.K. Arora  
Dean (Academic)



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Annexure-A

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PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

Minutes of the meeting of BOG Committee for construction of PTU Campus on Kapurthala Road held on 13<sup>th</sup> December, 2005

A meeting of the above committee was held on 13<sup>th</sup> December, 2005 at 1100hrs under the Chairmanship of Sh. K.K. Bhatnagar, IAS, Principal Secretary, Technical Education in his office in the Mini Secretariat at Chandigarh. The following were present:

1. Dr. R.S. Khandpur, D.G. PGSC
2. Ar. S.L. Kaushal, Chief Architect, Punjab
3. Dr. M.S. Grewal, Registrar, PTU
4. Er. A.N. Chowdhry, Chief Engineer, PTU
5. Er. R.D. Joshi, Advisor, PH
6. Er. N.S. Bhatti, Advisor, Electrical
7. Er. Simar Singh, SE, Construction  
Circle No. 2 PWD (B & R), Jalandhar City
8. Ar. Rajiv Aggarwal, Archigroup Architects
9. Ar. Jeevan Kapur, Archigroup, Architects
10. Er. Eknkar S. Johal, P.O., PTU

Leave of absence was granted to Sh. Chander Mohan and Sh. M.S. Kaist, IAS

The Registrar informed the members that the minutes of the 4<sup>th</sup> meeting of the Committee, held on 02-11-05, had been circulated and that no comments had been received from any members. The minutes may be taken as confirmed. The minutes were confirmed.

The Registrar also informed that advisors had been appointed by the University and were in place. They had contributed their expertise in formulation of the tender document, which had been completed. Applications for posts in connection with construction had been received and interviews had been fixed for 22-12-05.

The present status was that tender forms in its present form had been collected by four out of the five short listed companies and the remaining one contractor was expected to collect the documents today.

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after, the regular agenda was taken up

Item no. 5.1 The Committee approved the agenda

Item no. 5.2 It was pointed out that Fire Fighting was also a part of the scope of work under 2.2(i). It was decided to include the same after PH.

5) The Chairman desired that VC, PTU may be requested to attend the prebid conference proposed to be held on 23-12-05 at 1130 hours

It was deliberated that the VC may also be requested to Chair the Tender Evaluation Committee meeting.

The remaining parts of the item were approved.

### Item No. 5.3

5.3.1 Self Explanatory

5.3.2 Approved

5.3.3 It was decided that the University should appoint one Sr. Accounts Clerk or one Accountant exclusively for the purpose of the construction project. CFO must be there in addition. These appointments should be on permanent basis. It was also decided that XEN is approving authority and would not be the paying authority. Possibility of taking the Accounts personnel on deputation for the duration of project may be explored. In this regard, the responsibility of the Controller of Accounts was also decided to be as follows:

1. He shall check that all the signatories have signed the appropriate columns.
2. That the bills have been pre-audited.

It was also decided that the Chief Engineer would prepare a schedule of activities related to clearing of bill giving appropriate time. All the functionaries in payment of the bills should adhere to the mutually evolved time schedule.

The responsibility of XEN was discussed in detail. It was pointed out that XEN is the operative officer and must be selected at the earliest and with due care. An all one effort must be made to identify a suitable XEN for taking on deputation. It may be possible to take a Senior SDO who is likely to be promoted as soon as XEN for the project.

The question of verification of the bills by the representative of the architect was deliberated upon and it was decided that the RA bills are not required to be verified by the Architect. However, the architect would carry out periodic verifications as well as stage checks of the construction work.

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5.3.4 It was decided that the following power shall be delegated.

To approve Non Chief Engineer Schedule Items/not provided in B.O.Q	Rs. 1.00 lacs per item upto maximum of Rs. 10.00 lacs in one work
Executive Engineer	Upto 0.05 lac per item and upto 1.0 lac in a work

It was considered that at present there was no requirement of delegation of the other powers. The same may be reviewed as and when required.

5.3.5 For the approval of the rates of items beyond the powers of the Engineers mentioned above a committee as mentioned below was approved:

- DG, PGSC-Chairman
- SE RWD, PWD Construction, Circle No. 2 Jalandhar-Member,
- Advisor (Electrical) PTU-Member
- Chief Engineer(Construction) PTU-Member
- Rep. of Finance Deptt. Govt of Punjab-Member
- Executive Engineer, PTU-Convenor

Item No. 5.4 The Architect mentioned that the bills submitted by them were taking a long time. The Registrar mentioned that one bill in particular required consideration of the Committee wherein some design work carried out by the architects had been repeated. It was decided that the matter be placed before the Committee with full details. The Architect agreed to send in the details.

The meeting ended with a vote of thanks to the Chair

— Sd —  
(Dr. M.S.Grewal)  
Registrar

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**Extract of Minutes of Item No. 6.17 of 6<sup>th</sup> meeting of Governing Body of PGSC held on 7<sup>th</sup> May 2002**

**Agenda Item No. 6.17**

**Facility of using mobile phone for PGSC**

The Governing Body considered the matter and approved the proposal as under: -

Mobile Phone	Member Secretary/Director General	Rs.2500/- per month
	Director / Executive Director	Rs.2000/- per month

The Governing Body also approved the installation of one telephone each at the residence of Director, Executive Engineer and Sub Divisional Engineer with a limit of Rs.2000/-, 1500/-, 1000/- per month respectively.

**Item No. 9.10**

**Ad hoc increase to the employees of PGSC appointed on fixed remuneration**

The Governing Body in its 9<sup>th</sup> meeting held on 12.11.2003 (vide Item No. 9.10) approved an Ad hoc increase @ 10% annually on initial emoluments to the employees of PGSC appointed on fixed remuneration.

**POWERS DELEGATED TO MEMBER SECRETARY / PROJECT MANAGER  
(CONSTRUCTION) / EXECUTIVE ENGINEER OF PGSC**

(C) AS APPROVED IN 4<sup>TH</sup> MEETING OF GOVERNING BODY OF PGSC

S.No.	Nature of Power	Engineer / Officer	Power	Remarks
1.	To accord technical sanction to detailed estimates of Original Works	Member Secretary/ Project Manager (C) Executive Engineer	Full Power 30.00 lacs 7.50 lacs	Power of Chief Engineer in PWD Power of S.E. in PWD Power of Non Selected E.E. in PWD
2.	To accept tenders for contracts for sanctioned works	Member Secretary Project Manager (C) Executive Engineer	Full Power 30.00 lacs 7.50 lacs	Power of Chief Engineer in PWD Power of S.E. in PWD Power of Non Selected E.E. in PWD This power is subject to the condition that: (1) No higher rates are accepted than those mentioned in the sanctioned estimates (2) Approval of higher authority is to be obtained if the tender other than the lowest is to be accepted.
3.	To approve Non Schedule Items / not provided in B.O.Q.	Member Secretary Project Manager (C)	Full Power Rs.1.00 lacs per item upto maximum of Rs.10.00 lacs in a work	Power of Chief Engineer in PWD
4.	Variation in quantity of item of work beyond B.O.Q. in Contract Agreements	Executive Engineer Member Secretary Project Manager (C) Executive Engineer	Upto 0.05 lacs per item and upto 1.0 lac in a work Full powers 30 % 10 %	

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3.	To pass bills and to make payment to Contractors	Executive Engineer	Full Powers after Scrutiny of Bills by the Manager Engrs. Accounts	Subject to the condition that H.O. and N.S. Items are approved as mentioned at S.No. 3 & 4
6.	To call Quotations and draw work order	Executive Engineer	Rs. 1.0 lacs	As in PWD
7.	Local Purchase	Member Secretary	Full powers	As in PWD
		Project Manager (C)	Rs. 20,000/- per item subject to maximum of Rs. 2.0 lacs in a year	As in PWD
		Executive Engineer	Rs. 5000/- per item subject to maximum of Rs. 50,000/- in a year.	As in PWD
8.	Change in Specifications	Member Secretary Project Manager (C) Executive Engineer	Full Powers Nil Nil	Power of C.E. in PWD
9.	To sanction estimates for Repairs / Special Repairs	Member Secretary Project Manager (C)	Full Powers 7.5 lacs subject to the condition that no change in specifications is involved.	Power of C.E. in PWD Power of S.E. in PWD
		Executive Engineer	0.5 lacs subject to the condition that no change in specifications is involved.	Power of E.E. in PWD

Note: - Other Powers, Functions and Duties of the Engineering staff shall be as per instructions of Punjab Govt., Public Works Department.