



**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 1996)

Ref No PTU/EE/210

Dated 06-03-2012

**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.

**Mr. Kumna Raj Agrawal,**  
L-240, Model Town,  
Jalandhar.

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

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

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

**Dr. J.S. Hundal (Special Invitee),**  
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.

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

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

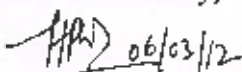
Dear Sir/Madam,

31<sup>st</sup> meeting of the Standing Building Construction Committee shall be held under the  
Chairmanship of Dr. R. S. Khandpur, Director General, PGSC at 1130 hours on 14.03.2012  
in his office at SCO 60-61 (2<sup>nd</sup> floor), Sector 34-A, Chandigarh. Agenda and Agenda note for  
the meeting are enclosed.

You are requested to make it convenient to attend the meeting.

Thanking you

Yours Sincerely,

 06/03/12

(H. P. Singh)

Executive Engineer

Copy to : i. Dr. R. S. Khandpur, DG, PGSC, SCO 60-61, Sector 34-A, Chandigarh.  
ii. Sh. Rajiv Aggarwal, M/s Archigroup Architects, A-14, Sector-15,  
Noida -201301.

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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**

**Sub : Agenda for the 31<sup>st</sup> meeting of the Standing Building Construction Committee.**

- Item No. 31.1 : To confirm the Minutes of 30th meeting of Standing Building Construction Committee held on 19.12.2011.
- Item No. 31.2 : Action taken on various items discussed during previous meetings of Standing Building Construction Committee.
- 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.
- Item No. 31.4 : To review the tendering process of engagement of executing agency for PIT Kapurthala.
- Item No. 31.5 : To discuss and approve the Master plan of proposed Punjab Institute of Technology at Mansa.
- 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.
- Item No. 31.7 : Any other point with the permission of the Chair.



# PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

## Agenda Note for the 31<sup>st</sup> meeting of the Standing Building Construction Committee.

**Item No. 31.1 :** To confirm the Minutes of 30th 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 circulated on 20.12.2011. No observation has been received from any of the members. The minutes circulated are to be confirmed.

**Item No. 31.2 :** 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:

- 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.
- 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 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 being opened on 12.03.2012.





**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 on 19.01.2012. Thapar University has checked this estimate has furnished following observations (copy of the report placed below):

- 1. It has been checked as per CPWD plinth area rates and the total estimated cost including AC works is worked out to be approximately Rs. 97.70 Crores and is in order with the preliminary estimate.*
- 2. The plinth area of the building taken is generally in order but however accuracy of the exact plinth area lies with the Architect.*
- 3. A lift has been taken in the estimate for G+2 building (ARE Central library & Canteen). The requirement of the lift may be reconsidered.*
- 4. The abstract of the cost with necessary corrections has been enclosed.*

Standing Building Construction committee may kindly discuss and approve the estimate after considering the observations of Thapar University, Patiala.

**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.

Standing Building Construction committee may kindly discuss and finalize the next course of action in this regard.

**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 has been prepared by the Architect and is being presented in this meeting.

Committee may kindly discuss and finalize the master plan of PIT, Mansa (main campus).



**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.

Principal, Giani Zail Singh College of Engineering and Technology, Bathinda has forwarded estimates for the following eight construction/repair works to be executed at that campus:

**31.6.1 : REPAIR OF COLLEGE ROADS :**

Condition of College roads is very poor and these have not been repaired since the last many years. So it is proposed that the college roads may be got repaired on priority basis.

The approximate cost for this work is Rs.68.10 lacs.

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

Condition of College buildings, hostels, residential houses is poor as these have not been white washed/painted since the last many years. This creates a very bad impression on the parents and the visitors who visit the college. So white-wash & paint of above said buildings is urgently required.

The approximate cost for this work is Rs.18.45 lacs.

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

Some D-Type houses are vacant since a long time and there condition is getting poor due to they being vacant. To meet with the shortage of accommodation for students and for the proper maintenance and use of these houses, it is proposed that these houses be used as hostel for PG / Research Scholars, after constructing Boundary Wall, Mess and Common Room.

The approximate cost for this work is Rs.79.44 lacs.

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

The college boundary wall needs repair and raising due to the reason that roads outside have been raised to a considerable height and the boundary wall just about two feet at many places.

The approximate cost for this work is Rs.31.97 lacs.



### **31.6.5 : CONSTRUCTION OF STUDENT CENTRE :**

College requires a Student Centre but there is no student centre in the college. There is a demand of students from long period. The item was approved in the 8th meeting of Building Works Committee vide Item No. 8.4.

For the same approximate cost as per the estimate of PWD B & R during the year 2007 was Rs. 62 Lacs, but due to the excessive increase in rates, the estimate now would be Rs. 150 Lacs.

### **31.6.6 : CONSTRUCTION OF PHYSICS BLOCK:**

Giani Zail Singh Campus, Bathinda is starting new courses related to Physics. Presently class rooms are just sufficient for B.Tech classes and Polytechnic classes and great difficulty is being faced due to the shortage of space and there is no space to in this college to start new course.

For the construction of separate Physics block, estimated cost is Rs.270.00 lacs.

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

The Finance Committee of GZS CEET, Bathinda in its 26th meeting held on 24-07-2007 has approved Rs. 5.36 lacs for construction of Porch in the Head of 'Building. The porch is required to enhance the beauty of the Admn. Block as without porch Admn. Block looks incomplete. Due to the enhancement, the estimated cost now will be about Rs. 14.00 lacs.

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

There is no conference room in the college to hold conference of about 150 persons. For this the present Arch. Den building is proposed to be converted into conference room for which the approximate expenditure on provisions of seats, false ceiling will be Rs. 17.00 lac.

All the above items are placed before the Standing Building Construction Committee for consideration & approval please.

**Item No. 31.7 : Any other point with the permission of the Chair.**





(Declared as Deemed-to-be-University u/s 3 of the UGC Act, 1956)

Thapar Technology Campus, Post Box No. 32

Patiala 147 004 Punjab India

Fax : +91-175-2364498, 2393005

URL : www.thapar.edu

Ref: CED/524/4/692.

Dated: 28.2.2012

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

Subject: Checking of Plinth Area estimate for construction of college buildings, Library and Seminar Hall at PTU main campus.

Dear Sir,

This has reference to your letter No. PTU/CC/63 Dated 19.1.2012. on the above subject:  
The following are the observations:-

1. It has been checked as per the CPWD Plinth area rates and the total estimated cost including AC works is worked out to be approximately 97.70 crores & is in order with the preliminary estimate.
2. The plinth area of the building taken is generally in order but however accuracy for the exact plinth area lies with the architect.
3. A lift has been taken in the estimate for G+2 building (ARE Central Library & Canteen). The requirement of the lift may be reconsidered.
4. The Abstract of the cost with necessary corrections has been enclosed.

Assuring you our best attention at all times.

With kind regards.

A handwritten signature in black ink, appearing to read 'H.C.E.D.', with the text '(H.C.E.D.)' printed below it.

(H.C.E.D.)



**PUNJAB TECHNICAL UNIVERSITY**

**TARGET OF ESTIMATES FOR COLLEGE BUILDINGS, LIBRARY AND SEMINAR HALL AT PTU'S MAIN CAMPUS AT JAL-KPT ROAD**

Description	Area (In Sqm)	Total Cost (In lacs of Rs)	Cost (In Rs)	
			per Sqm	per Sft
<b>1 College Building - 1</b>	<b>12962.42</b>			
Civil works	<del>2042.24</del> 2042.24 6.33.09.584	2675.33 2754.54	21,250.20	1,974.93
Public Health	<del>1563.2678</del> 1563.2678 454.8138	204.79	1,579.87	146.83
Electrical Works	<del>5.70.24.536</del> 5.70.24.536 1.76.77.606	747.03	5,763.04	535.60
Fire Fighting	<del>3888.726</del> 3888.726 705711	60.18	464.27	43.15
Passenger Lifts	<del>4594.437</del> 4594.437 1424.275	75.60	583.22	54.20
<b>Total</b>	<b>6018.712</b>	<b>3762.93</b> <b>3,842.14</b>	<b>29,640.60</b>	<b>2,755.00</b>

\* 3762.93

Description	Area (In Sqm)	Total Cost (In lacs of Rs)	Cost (In Rs)	
			per Sqm	per Sft
<b>2 College Building - 2</b>	<b>12857.29</b>			
Civil works	<del>16324.783</del> 16324.783	2019.77, 974 226.13.171 2645.91	21,201.82	1,970.43
Public Health	<del>155.05.891</del> 155.05.891 4806.826	203.13	1,579.88	146.83
Electrical Works	<del>56562.045</del> 56562.045 17534.563	740.96	5,762.96	535.59
Fire Fighting	<del>4545.905</del> 4545.905 1409228	59.55	463.16	43.04
Passenger Lifts		75.60	587.99	54.65
<b>Total</b>	<b>3725.15</b>	<b>3,805.22</b>	<b>29,595.81</b>	<b>2,751.00</b>

\* 3805.22

Description	Area (In Sqm)	Total Cost (In lacs of Rs)	Cost (In Rs)	
			per Sqm	per Sft
<b>3 Central Library &amp; Canteen</b>	<b>5516.71</b>			
Civil works	<del>162.30523</del> 162.30523 29831462	1260.62	23,213.47	2,157.39
Public Health	<del>6715.215</del> 6715.215 2081716	87.97	1,594.61	148.20
Electrical Works	<del>13430.428</del> 13430.428 4163432	175.94	3,189.22	296.40
Fire Fighting	<del>47.50.633</del> 47.50.633 1472.696	62.23	1,128.03	104.84
Passenger Lifts		18.00	326.28	30.32
<b>Total</b>		<b>1,624.76</b>	<b>29,451.61</b>	<b>2,737.00</b>

\* 1604.76

1604.76



Description	Area (In Sqm)	Total Cost (In lacs of Rs)	Cost (In Rs)		
			per Sqm	per Sft	
4 Seminar Hall	302.55	6021574 1866687	78.88 93.06	30,758.55	2,858.60
Civil works			5.09	1,682.37	156.35
Public Health		389381- 121708	10.20	3,371.34	313.32
Electrical Works		778762 241416	2.38	786.65	73.11
Fire Fighting		181530 56274			
Passenger Lifts					
<b>Total</b>		96.55	110.73	36,598.91	3,401.00

No.	Description	Area (In Sqm)	Total Cost (In lacs of Rs)	Cost (In Rs)	
				per Sqm	per Sft
5	Open Air Theatre	234.64			
	Civil works		14.47	6,166.89	573.13
	Public Health		-	-	-
	Electrical Works		-	-	-
	Fire Fighting		-	-	-
	Passenger Lifts		-	-	-
	<b>Total</b>		14.47	6,166.89	573.00

No.	Description	Area (In Sqm)	Total Cost (In lacs of Rs)	Cost (In Rs)		
				per Sqm	per Sft	
	Overall (Without AC)	31873.61				
	Civil works		6675.21	6,868.67	21,549.71	2,002.76
	Public Health		500.98	1,571.77	146.08	
	Electrical Works		1,674.13	5,252.40	488.14	
	Fire Fighting		184.34	578.35	53.75	
	Passenger Lifts		169.20	530.85	49.34	
	<b>Grand Total for all works except AC</b>		9397.32	29,483.08	2,740.00	

9203.86

Description	Area (In Sqm)	Total Cost (In lacs of Rs)	Cost (In Rs)	
			per Sqm	per Sft
Air-Conditioning				
1 College Building 1	6232.06	139.29	2,235.00	207.71
2 College Building 2	6090.22	136.12	2,235.00	207.71
3 Library	4218.33	94.28	2,235.00	207.71
4 Seminar Hall	157.72	3.53	2,235.00	207.71
<b>Total</b>	<b>16698.33</b>	<b>373.21</b>	<b>8,940.00</b>	<b>831.00</b>

**GRAND TOTAL INCLUDING AC WORKS**  
OR


**9,770.53 LACS**  
**97.71 CRORES**

&  
 AC + Rich Specifications  
 for Annexure (6)

9203.86  
 + 566.72     As per Annex 6

9769.58

say 97.70





No 172  
Date 08-01-2012


## ਗਿਆਨੀ ਜ਼ੈਲ ਸਿੰਘ ਕਾਲਜ ਆਫ ਇੰਜੀਨੀਅਰਿੰਗ ਅਤੇ ਤਕਨਾਲੋਜੀ ਡੱਬਵਾਲੀ ਰੋਡ, ਬਠਿੰਡਾ ।

**ਵਿਸ਼ਾ:- ਫਿਜ਼ਿਕਸ ਬਲਾਕ ਦੀ ਉਸਾਰੀ ਲਈ ਪ੍ਰਵਾਨਗੀ ਹਿੱਤ ।**

ਪੰਜਾਬ ਸਰਕਾਰ, ਤਕਨੀਕੀ ਸਿੱਖਿਆ ਅਤੇ ਉਦਯੋਗਿਕ ਸਿਖਲਾਈ ਵਿਭਾਗ (ਤਕਨੀਕੀ ਸਿੱਖਿਆ-2 ਸ਼ਾਖਾ) ਦੇ ਹੁਕਮ ਪਿੱਠ ਅੰਕਣ ਨੰ: 10/102/11-13ਸਿ.2/5077 ਮਿਤੀ 20-12-2011 ਅਨੁਸਾਰ ਪੰਜਾਬ ਤਕਨੀਕੀ ਯੂਨੀਵਰਸਿਟੀ, ਕਪੂਰਥਲਾ ਵੱਲੋਂ ਗਿਆਨੀ ਜ਼ੈਲ ਸਿੰਘ ਕਾਲਜ ਆਫ ਇੰਜੀਨੀਅਰਿੰਗ ਅਤੇ ਤਕਨਾਲੋਜੀ, ਬਠਿੰਡਾ ਨੂੰ ਪੋਸਟ-ਗਰੈਜੂਏਟ ਸਿੱਖਿਆ, ਖੋਜ ਅਤੇ ਵਿਕਾਸ ਲਈ ਆਪਣੇ ਦੂਜੇ ਕੈਂਪਸ ਦੇ ਰੂਪ ਵਿੱਚ ਵਿਕਸਿਤ ਕੀਤਾ ਜਾਣਾ ਹੈ। ਇਸ ਮੰਤਵ ਲਈ ਫਿਜ਼ਿਕਸ ਵਿਭਾਗ ਦੇ ਨਵੇਂ ਬਲਾਕ ਦੀ ਉਸਾਰੀ ਲਈ ਤਜਵੀਜ਼ ਰੱਖੀ ਜਾਂਦੀ ਹੈ (ਅਨੁਲੇਖ-ਓ)। ਇਸ ਬਲਾਕ ਤੇ ਲਗਭਗ 2,70,00,000/- (ਸਿਰਫ ਦੋ ਕਰੋੜ ਸੱਤਰ ਲੱਖ) ਰੁਪਏ ਖਰਚ ਆਉਣ ਦਾ ਅਨੁਮਾਨ ਹੈ।

ਇੱਥੇ ਇਹ ਵੀ ਸਪੱਸ਼ਟ ਕੀਤਾ ਜਾਂਦਾ ਹੈ ਕਿ ਬਿਲਡਿੰਗ ਵਰਕਸ ਕਮੇਟੀ ਅਤੇ ਵਿੱਤ ਕਮੇਟੀ ਦੀ ਪ੍ਰਵਾਨਗੀ ਤੇ ਬਾਅਦ ਕਾਲਜ ਵਿੱਚ ਚੱਲ ਰਹੇ ਉਸਾਰੀ ਦੇ ਕੰਮ (ਜਿਵੇਂ ਕਿ ਅੱਠ ਲੈਕਚਰ ਹਾਲਜ਼ ਅਤੇ ਲੜਕੀਆਂ ਦਾ ਹੋਸਟਲ) ਲੋਕ ਨਿਰਮਾਣ ਵਿਭਾਗ (ਭ ਅਤੇ ਮ) ਤੇ ਕਰਵਾਏ ਜਾ ਰਹੇ ਹਨ।

ਉਪਰੋਕਤ ਤੱਥਾਂ ਦੇ ਸਨਮੁੱਖ ਫਿਜ਼ਿਕਸ ਬਲਾਕ ਦੀ ਉਸਾਰੀ ਦਾ ਕੰਮ ਵੀ ਲੋਕ ਨਿਰਮਾਣ ਵਿਭਾਗ (ਭ ਅਤੇ ਮ) ਤੇ ਕਰਵਾਉਣ ਦੀ ਤਜਵੀਜ਼ ਪ੍ਰਬੰਧਕੀ ਅਤੇ ਵਿੱਤੀ ਮਨਜ਼ੂਰੀ ਹਿੱਤ ਪੇਸ਼ ਹੈ ਜੀ।

  
ਪ੍ਰਿੰਸੀਪਲ Jalandhar

ਮਾਣਯੋਗ ਉਪ ਕੁਲਪਤੀ  
ਪੰਜਾਬ ਤਕਨੀਕੀ ਯੂਨੀਵਰਸਿਟੀ  
ਕਪੂਰਥਲਾ

1. ਨਿਖਾਂਤ ਰੂਬ ਵਿਚ ਪ੍ਰਦਰਸ਼ਤ।
2. ਪੂਰੇ ਕਾਲਜ ਦੀ ਆਸਟਰ ਖਜ਼ਾਨੇ ਦੀ ਤੋਸ਼ਾਈ ਵਿਚ B/W ਕਮੇਟੀ ਆਗੂਆਂ ਦੀ ਮੀਟਿੰਗ ਵਿਚ ਠੀਕਾਣਾ ਮਾਫੇ ਪ੍ਰੋ. ਕੈਥਰ ਕਮੇਟੀ ਵਿਚ ਨਿਖਾਂਤ ਰੂਬ।
3. B/W ਕਮੇਟੀ ਦੀ ਨਿਰਮਾਣ ਆਲੋਚਨਾ F/C ਅਤੇ ਡਿਜ਼ਾਈਨ ਦੀ ਪ੍ਰਵਾਨਗੀ ਲਈ ਮਾਫੇ ਪ੍ਰੋ. ਕੈਥਰ ਅਤੇ ਪ੍ਰੋ. ਕੈਥਰ ਨੂੰ F/C ਵਿਚ ਵੀ ਪ੍ਰਵਾਨਗੀ ਮਾਫੇ
4. ਕਾਲਜ 2012 ਆਗੂਆਂ ਤੋਂ ਸਾਰੇ ਕੰਮਾਂ ਦਾ ਉਪਰਾਲਾ ਕੀਤਾ ਜਾਵੇ।

ਉਪ ਕੁਲਪਤੀ ਦਫਤਰ  
ਮਿਤੀ: 27  
09-1-12  
ਸਿੱਖੀ ਹੋਲੀ ਹਾਲੀ Xem.

Principle