

# I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY

Estd. Under Punjab Technical University Act, 1996  
(Punjab Act No. 1 of 1997)

Ref. No. : IKGPTU/CC/ 1205

Dated : 09/02/2016

Dean (P&D),  
IKG Punjab Technical University, Jalandhar.

Dean (RIC) (Special Invitee),  
IKG Punjab Technical University, Jalandhar.

The Finance Officer,  
IKG Punjab Technical University, Jalandhar.

The Registrar,  
IKG Punjab Technical University, Jalandhar.

Director,  
IKG Punjab Institute of Technology, Khunimajra.

Chief Engineer, PWD (Central)  
Nirman Bhawan, DAC, Nabha Road, Patiala.

Chief Architect, Punjab  
SCO 98-100, Near DPI Office,  
Sector 17-D, Chandigarh.

Chief Executive,  
Punjab Energy Development Agency,  
Plot No. 1 & 2, Sector 33-D, Chandigarh.

Sub : 48<sup>th</sup> meeting of the Standing Building Construction Committee of I K Gujral  
Punjab Technical University.

Ref : This office's earlier letter No. IKGPTU/CC/1192 dated 03.02.2016.

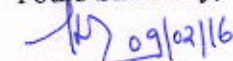
Dear Sir/Madam,

In continuation to the above referred letter, enclosed alongwith please find agenda for 48<sup>th</sup> meeting of the Standing Building Construction Committee of I K Gujral Punjab Technical University scheduled to be held under the chairmanship of Sh. Rakesh Verma, IAS, Secretary, Department of Technical Education, Punjab and Vice Chancellor, IKG PTU at 1200 hours on 15.02.2016 in his office at room No. 514, Mini Secretariat, sector-9, Chandigarh.

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

Thanking you

Yours Sincerely,

 09/02/16

(H. P. Singh)

Executive Engineer

Copy to : PS to VC, IKG PTU for kind information of Hon'ble VC.


Encl. As above.

# **IK GUJRAL PUNJAB TECHNICAL UNIVERSITY**

**AGENDA FOR  
48<sup>th</sup> MEETING OF  
STANDING BUILDING  
CONSTRUCTION COMMITTEE**

**SCHEDULED TO BE HELD ON  
15.02.2016**

**AGENDA FOR 48<sup>TH</sup> MEETING OF  
STANDING BUILDING CONSTRUCTION COMMITTEE**

- Item No. 48.1 : To confirm the Minutes of 47<sup>th</sup> meeting of Standing Building Construction Committee held on 20.10.2015.
- Item No. 48.2 : Action taken on various items discussed during 47<sup>th</sup> meeting of Standing Building Construction Committee.
- Item No. 48.3 : To discuss and approve the concept plans and estimates for establishment of College of Professional Studies at Bassian Kothi, Raikot, Ludhiana.
- Item No. 48.4 : To discuss and review the building plans already approved by the University for the residences of Vice Chancellor, Registrar, Deans and other employees of the University at main campus, Kapurthala.
- Item No. 48.5 : To discuss and finalize the capacity and facilities to be provided for the proposed sports hostel at main campus, Kapurthala.
- Item No. 48.6 : To discuss and finalize the sports facilities to be developed in phase-I at main campus, Kapurthala.
- Item No. 48.7 : To discuss and approve minor changes in the plans of Director office (under construction) at main campus, Kapurthala.
- Item No. 48.8 : To discuss and finalize the fee payable to the Architect for preparation of building plans of auditorium and hostels proposed at main campus, Kapurthala.
- Item No. 48.9 : Any other item with the permission of chair.
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**Item No. 48.1 :** To confirm the Minutes of 47<sup>th</sup> meeting of Standing Building Construction Committee held on 20.10.2015.

The minutes of 47<sup>th</sup> meeting of Standing Building Construction Committee held on 20.10.2015 were circulated on 23.10.2015 (Placed at Annexure-A). No comments have been received from any member. The minutes circulated are to be confirmed.

**Item No. 48.2 :** Action taken on various items discussed during 47<sup>th</sup> meeting of Standing Building Construction Committee.

Actions taken report on various items discussed during 47<sup>th</sup> meeting of Standing Building Construction Committee are as under:

Agenda Item No.	Agenda Item and Decision	Action taken
47.1	<i>To confirm the Minutes of 46<sup>th</sup> meeting of Standing Building Construction Committee held on 09.04.2015.</i>  As no comments have been received, the minutes of 46 <sup>th</sup> meeting of Standing Building Construction Committee held on 09.04.2015 were confirmed.	No action required.
47.2	<i>Action taken on various items discussed during previous meeting of Standing Building Construction Committee.</i>  Executive Engineer, IKG PTU informed the committee about the actions taken on various items discussed during 46 <sup>th</sup> meeting of the committee.	No action required.
47.3	<i>To review the minutes of 43<sup>rd</sup>, 44<sup>th</sup>, 45<sup>th</sup> and 46<sup>th</sup> meetings of Standing Building Construction Committee.</i>  After detailed discussions, committee recommends approval of minutes of the 43 <sup>rd</sup> , 44 <sup>th</sup> , 45 <sup>th</sup> and 46 <sup>th</sup> meetings of Standing Building Construction Committee.	These minutes were put up in 60 <sup>th</sup> meeting of the BOG under agenda item No. 60.7, wherein it has been decided that recommendations to the extent that they involve expenditure, should be placed before the Authority competent to approve the expenditure. Now, these are being put up in the Finance committee.
47.4	<i>To discuss and approve the concept plans and estimates for setting up sports hostel at main campus, Kapurthala.</i>  After detailed deliberations, committee decided the following:  i. University should finalize the capacity of the sports hostel by considering the frequency and no. of events proposed to be organized at this campus.	The case is being presented in the present meeting as agenda items.

	<p>ii. Since the stay of the students will be of short duration, hostel with normal facilities should be planned.</p> <p>iii. The Architect was advised to study the similar sports hostels provided by other institutions and facilities provided by majority of the institutions for such hostels may be adopted.</p> <p>iv. The design adopted by IKG PTU for other proposed hostels in the campus may be adopted for the sports hostels also.</p> <p>v. As the sports hostel has been planned at a location which was originally earmarked for guest house, thus the guest house may be relocated at a suitable place.</p> <p>vi. The Architect was advised to prepare the revised scheme based upon the above decisions.</p> <p>vii. University should also put up a proposal for developing other sports facilities planned in the master plan.</p>	
47.5	<p><i>To discuss and approve the scheme of construction of 220 KV electric line of PSTCL to pass through PTU main campus, Kapurthala.</i></p> <p>Committee agreed for passing 220 KV line through IKG PTU campus as per the revised scheme agreed between IKG PTU, University's Architect and PSTCL. However, PSTCL may be advised to deposit the compensation for the land being utilized by them and cost of reconstruction of part boundary wall to be dismantled for construction of towers. The Architect was advised to revise the Master Plan accordingly.</p>	PSTCL has been informed about the decision.
47.6	<p><i>To discuss and finalize the fee payable to the Architect for preparation of building plans of auditorium and hostels proposed at main campus, Kapurthala.</i></p> <p>The Architect was advised to submit proper justification that preparation of drawings for approval from Chief Town Planner is not in his scope of work and is an additional work. The Architect was also advised to submit rates for this work.</p>	The case is being presented in the present meeting as an agenda item.

**Item No. 48.3 :** To discuss and approve the concept plans and estimates for establishment of College of Professional Studies at Bassian Kothi, Raikot, Ludhiana.

This is to inform that Punjab Govt. has allotted 7.63 acres land to IKG Punjab Technical University at Bassian Kothi, Raikot, Ludhiana. This land is in two parts and CLU for one part having area 4.61 acres has been sanctioned. University has decided

to start the following courses at this location:

S. No.	Course	Intake Strength	Duration
1.	Bachelor of Computer Application	60	3 years
2.	Bachelor of Business Administration	60	3 years
3.	Bachelor in Commerce (E-Commerce)	60	3 years
4.	Bachelor in Commerce (Hon's)	60	3 years

In addition to the above, it has also been approved to start the following skill development programmes:

1. Mobile phone hardware repair technician
2. TV repair technician.

The detailed project report for this institute is being prepared. However, it has been decided that Building plans and estimates for taking up the construction activities are prepared. Accordingly, building requirements and rough cost estimate has been prepared by the Architect and the same are placed at Annexure-B and C respectively. The Architect will also be making a presentation on the same in the meeting.

The matter is placed before the committee for discussions and approval of concept plans and rough cost estimates please.

**Item No. 48.4 :** To discuss and review the building plans already approved by the University for the residences of Vice Chancellor, Registrar, Deans and other employees of the University at main campus, Kapurthala.

This is to inform that in BOG in its 60<sup>th</sup> meeting (Agenda item No. 60.8) has approved the proposal in principle for planning and construction of residences for Vice Chancellor, Registrar, Deans and other employees of the University at main campus, Kapurthala and directed that the matter be dealt expeditiously as it is essential for developing the University as academic campus (Copy placed at Annexure-D).

BOG in its 31<sup>st</sup> meeting under agenda item No. 31.12 held on 26.02.2009 has already approved estimates for following residences:

S. No.	Description	Area	No. of Units	Estimated Cost (In crores)
1	Type-I	50 Sqm.	18	1.58
2	Type-II	80 Sqm.	18	2.67
3	Type-III	100 Sqm.	18	3.27
4	Type-IV	120 Sqm.	6	1.52
5	Type-V	186 Sqm.	4	1.63
6	VC Residence	372 Sqm.	1	0.72
Total				11.39

Copies of the agenda and minutes of 31<sup>st</sup> meeting of BOG (relevant pages) are placed at Annexure-E.

Plans for the residences of Type I to Type IV has been approved in 11<sup>th</sup> meeting of Standing Building Construction Committee (Agenda item No. 11.5). Copies of the agenda and minutes of this meeting (relevant pages) are placed at Annexure-F. Additionally, plans for type V, VC and Registrar residence have also been approved by the University. The covered areas approved for these residences are as under:-

S. No.	Description	Area (In Sqm)					
		Unit (Main)	Staircase/ Circulation	Balcony	Utility	Garage	Total
1	Type-I	54.15	10.50	8.85	2.56	-	76.06
2	Type-II	81.45	12.90	13.35	3.26	-	110.96
3	Type-III	110.37	7.58	3.75	-	-	121.70
4	Type-IV	147.35	7.58	4.85	-	-	159.78
5	Type-V (Main Unit)	167.47	23.50	10.27	2.80	-	204.04
	Servant Qtr.	19.45	10.45	-	-	-	29.90
6	Registrar (Main Unit)	309.45	-	-	-	20.0	329.45
	Servant Qtr.	20.00	-	-	-	-	20.00
7	VC (Main Unit)	355.00	147.30 (Office)	82.00 (Porch, Veranda etc)			584.30
	Servant Qtr.	115.20	-				115.20

The plans approved earlier by Building Committee are placed at Annexure-G.

The revised covered area norms approved for various type of residences by Govt. of India are as under (copy placed at Annexure - H) :

S. No.	Description	Area (In Sqm)					
		Unit (Main)	Staircase/ Circulation	Balcony	Utility	Garage	Total
1	Type-I	40.80	7.00	6.50	2.50	As per parking norms	56.80
2	Type-II	54.00	7.00	6.50	2.50	- do -	70.00
3	Type-III	63.00	7.00	6.50	3.50	- do -	80.00
4	Type-IV (Main Unit)	86.00	7.00	12.00	3.50	- do -	108.50
	Servant Qtr.	17.00	-	2.50	-	-	19.50
5	Type-IV (S) (Main Unit)	106.00	7.00	12.00	3.50	- do -	128.50
	Servant Qtr.	17.00	-	2.50	-	-	19.50

6	Type-V						
	(Main Unit)	145.00	7.00	12.00	3.50	- do -	167.50
	Servant Qtr.	21.50	7.00	2.50	-		31.00

The Architect will also be making a presentation on the same in the meeting.

The matter is placed before the committee for deliberations and decision on number of quarters (category wise) to be constructed and covered areas to be kept for each type of quarter please.

**Item No. 48.5 :** To discuss and finalize the capacity and facilities to be provided for the proposed sports hostel at main campus, Kapurthala.

In 47<sup>th</sup> meeting of Standing Building Construction Committee (Agenda item No. 47.4), it was decided that University should finalize the capacity of the sports hostel by considering the frequency and no. of events proposed to be organized at this campus and Architect was advised to study the similar sports hostels provided by other institutions and facilities provided by majority of the institutions for such hostels may be adopted.

In this regard, Sports department of the University has advised that capacity of the sports hostel may be kept as 200 students.

Architect has studied the facilities provided by various universities and report submitted by the Architect is placed at Annexure-I. The brief of the sports facilities available at some of the Universities are as under:

### 1. Punjab University - Chandigarh

In this University at Chandigarh, a dedicated 200 bed Sports Hostel for Boys was constructed in 1996 and a 300 bed hostel for girls has been constructed in 2013.

In the sports hostels for Boys there was a provision of 3-4 single rooms with attached toilets on the ground floor and the rest of the rooms were all dormitories each with a capacity of 10 - 12 students with common toilets. To accommodate coaches and managers accompanying the students, more number of single rooms with attached toilets have been provided on the ground floor of the Sports Hostel for Girls completed in 2013. Since the hostels are occupied almost 10 months in a year, dining and mess facilities have also been provided within the hostels. Only for two months in May and June when no tournaments are held, the hostels and the mess facilities remain un-utilized.

### 2. Punjabi University - Patiala

This is a University with a total strength of 8000 hostellers comprising of 3200(40%) boys and the remaining 4800 (60%) as girls.

In this University, there is a dedicated sports hostel for 200 boys and 200 girls. The accommodation provided in the hostels is all in the form of dormitories ranging from 10 - 12 students with common toilets, along with provisions of dining and kitchen facilities. The sports hostels in this University remain occupied throughout the year.

### 3. Guru Nanak Dev University - Amritsar

Sports hostel for 150 boys and 110 girls is under construction which is likely to get completed in about 4 months. The accommodation provided is 3 students per room with common toilets on a total of 4 floors (G+3). A provision of a single room with attached toilet has also been made on each floor for coaches/managers/officials.

Dining and kitchen facilities are being provided in both the hostels. The beds in the sports hostels are allotted on merit to students participating and excelling in Inter University Sports Competitions. The students could be either from GNDU or any other university to avail this facility.

**4. Following are the Universities/Institutions where no provision for sports hostel has been made:**

- i) IIT – Delhi.
- ii) IIT – Kanpur
- iii) JNU – New Delhi.
- iv) Delhi University – North Campus.
- v) Delhi University – South Campus.
- vi) O.P.Jindal Global University – Sonapat.
- vii) Guru Gobind Singh Indraprastha University – Dwarka, New Delhi.
- viii) Government College of Engineering & Technology – Jammu.
- ix) Kurukshetra University – Kurukshetra
- x) Guru Jambheshwar University of Science & Technology – Hissar

The matter is placed before the committee for deliberation and decision please.

**Item No. 48.6 : To discuss and finalize the sports facilities to be developed in phase-I at main campus, Kapurthala.**

In 47<sup>th</sup> meeting of Standing Building Construction Committee (Agenda item No. 47.4), it was decided that University should also put up a proposal for developing other sports facilities planned in the master plan.

In this regard, it is submitted that Standing Building Construction Committee in its 11<sup>th</sup> meeting (Agenda item No. 11.5 meeting held on 31.10.2006) has already approved estimate for an amount of Rs. 3.12 Crores for development of following sports facilities at main campus, Kapurthala (copy of the agenda and minutes placed at Annexure-F):-

- i. Sports track (8 tracks) with Football ground
- ii. Two courts of each Basketball, Badminton, Volley ball and Tennis.
- iii. Terminal Building

BOG in its 31<sup>st</sup> meeting (Agenda item No. 31.12) held on 26.02.2009 (Annexure-E) has also approved estimate for sports complex amounting to Rs. 3.43 Crores.

Architect has proposed that sports facilities at main campus may be developed in phased manner and following facilities may be developed in phase-I:

- i. Football field within Running tracks (8 nos)
- ii. Discuss throw and other sports can be accommodated in the same area
- iii. Pavilion with VIP area – 1500 seats and 250 for standing on terrace.
- iv. Seating of about 2500 people on steps along the tracks.

- v. Following have been provided inside the pavilion building:-
- Male and female toilets and change rooms for players.
  - Stores for various types of goods.
  - Counter for snacks etc.
  - Office and TT room etc.
- vi. Two lawn tennis courts.
- vii. Two badminton courts.
- viii. Two volleyball courts.
- ix. Two basketball courts.

The matter is placed before the committee for deliberation and decision please.

**Item No. 48.7 :** To discuss and approve minor changes in the plans of Director office (under construction) at main campus, Kapurthala.

The construction works of Director Office at Ambika Paul School of Technology, main campus, Kapurthala are in progress as per the plans approved by Standing Building Construction Committee of University. However, the same were reviewed by Director, PIT Kapurthala alongwith XEN & concerned faculty members of PIT Kapurthala. It has been noticed that space utilization at different places is not as per the present requirements and most of the area has been kept open for clerical and administrative staff and whereas more space is required for the faculty members. Thus, it has been felt that some space earmarked for clerical and administrative staff may be used for sitting of faculty members by doing some partitions.

After deliberations, it is recommended that minor changes may be done. The plans showing the existing layouts and proposed layouts are placed at Annexure -J. Abstract of the changes proposed are as under:

Floor	Existing Plan	Proposed Changes
Ground	Open space for reception	A small room may be constructed for PS to Director.  Fixed glass may be provided in one of the windows in place of openable window.
First	Space for clerical and administrative staff.	Part space (2 offices) may be constructed for faculty.
Second	Space for clerical and administrative staff.	Seminar Hall may be constructed for faculty.

**Item No. 48.8 :**      **To discuss and finalize the fee payable to the Architect for preparation of building plans of auditorium and hostels proposed at main campus, Kapurthala.**

In 47<sup>th</sup> meeting of Standing Building Construction Committee (Agenda item No. 47.6), the Architect was advised to submit proper justification that preparation of drawings for approval from Chief Town Planner is not in his scope of work and is an additional work. The Architect was also advised to submit rates for this work. The justification/details submitted by the Architect is placed at Annexure-K.

The matter is placed before the committee for deliberation and decision please.

**Item No. 48.9 :**      **Any other item with the permission of chair.**



# **ANNEXURE-A**

# I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY A

Estd. Under Punjab Technical University Act, 1996  
(Punjab Act No. 1 of 1997)

Dated : 23.10.2015

Ref. No. : IKGPTU/CC/ 911

Dean (P&D),  
IKG Punjab Technical University, Jalandhar.

Finance Officer,  
IKG Punjab Technical University, Jalandhar.

Registrar,  
IKG Punjab Technical University, Jalandhar.

Director,  
IKG Punjab Institute of Technology, Khunimajra.

Chief Engineer, PWD (Central)  
SCF 61-62, Phase-II, Mohali.

Chief Architect, Punjab  
SCO 98-100, Near DPI Office,  
Sector 17-D, Chandigarh.

Chief Executive,  
Punjab Energy Development Agency,  
Plot No. 1 & 2, Sector 33-D, Chandigarh.

M/s Archigroup Architects,  
A-14, Sector 15,  
Noida - 201301.


Sub : 47<sup>th</sup> meeting of the Standing Building Construction Committee of I K Gujral Punjab  
Technical University.

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,

  
(H. P. Singh)  
Executive Engineer

Copy to : PS to Vice Chancellor, IKG PTU for kind information of Hon'ble VC.

Encl. As above.

# **IK GUJRAL PUNJAB TECHNICAL UNIVERSITY, JALANDHAR**

Minutes of the 47<sup>th</sup> Meeting of the Standing Building Construction Committee held on 20.10.2015 under the Chairmanship of Sh. Rakesh Verma, IAS, Secretary, Department of Technical Education, Punjab and Vice Chancellor, IKG PTU at IKG PTU's Mohali campus.

Following were present in the meeting:

1. Er. Ashok Goyal, Chief Engineer, PWD (Central)
2. Ms. Sapna, Chief Architect, Punjab
3. Sh. Balkar Singh, Senior Manager, PED

From IKG Punjab Technical University, Jalandhar:

4. Dr. A. P. Singh, Dean (P&D)
5. Dr. S. K. Mishra, Finance Officer
6. Dr. Amanpreet Singh, Registrar
7. Dr. Prabhjot Kaur, Officiating Director, Punjab Institute of Technology, Khunimajra.
8. Er. H. P. Singh, Executive Engineer

From Archigroup Architects, Noida:

9. Sh. Jeewan Kapur, Architect
10. Sh. Nitin Gopal, Architect
11. Sh. Nilutpal Baruah, Architect.

**Item No. 47.1 :** To confirm the Minutes of 46<sup>th</sup> meeting of Standing Building Construction Committee held on 09.04.2015.

As no comments have been received, the minutes of 46<sup>th</sup> meeting of Standing Building Construction Committee held on 09.04.2015 were confirmed.

**Item No. 47.2 :** Action taken on various Items discussed during 46<sup>th</sup> meeting of Standing Building Construction Committee.

It was informed by the Executive Engineer, IKG PTU that following actions have been taken on various items discussed during 46<sup>th</sup> meeting of Standing Building Construction Committee:

Agenda Item No.	Agenda Item and Decision	Action taken
46.1	To confirm the Minutes of 45 <sup>th</sup> meeting of Standing Building Construction Committee held on 22.01.2015.	No action required

*[Handwritten signature]*

	As no <del>comments</del> have been received, the minutes of 45 <sup>th</sup> meeting of Standing Building Construction Committee held on 22.01.2015 were confirmed.	
46.2	<p>Action taken on various items discussed during previous meeting of Standing Building Construction Committee:-</p> <p>Based upon the concept plans approved by the Building Committee in respect of the proposed auditorium and hostels at main campus, Kapurthala, the municipal drawings have been approved by Chief Town Planner, Punjab.</p>	No action required.
	<p>The Architect will be making a presentation in the present meeting on cost comparison of projector and LED screen to be provided for the proposed auditorium at main campus, Kapurthala.</p> <p>The presentation was made by the Architect and decision taken is described under agenda item No. 46.3.</p>	No action required.
	<p>The detailed estimate for provision of speakers, amplifiers and microphones to be provided for the proposed auditorium at main campus, Kapurthala will be presented by the Architect in the present meeting for discussions and approval.</p> <p>The detailed estimates were presented by the Architect and decision taken is described under agenda item No. 46.4.</p>	No action required.
	<p>The issue pertaining to payment to the Architect against preparation of building plans for the proposed auditorium and hostels at main campus, Kapurthala is to be discussed in the present meeting.</p> <p>Committee noted that the documents presented are not sufficient to take the decision. Executive Engineer, PTU was advised to present additional documents like the original recommendations of the committee set up by the Hon'ble Vice Chancellor, Agendas of 20<sup>th</sup> and 27<sup>th</sup> meetings of the building committee etc.</p>	The case is being put up in the present meeting as an agenda item.
46.3	To discuss and finalize the provision of projector or LED screen for the proposed auditorium at main campus, Kapurthala.	No action is required at this stage.

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	<p>Committee agreed for provision of LED screen for proposed auditorium at main campus, Kapurthala. However, specifications, estimates etc. will be discussed and approved at the time of procurement depending upon the technology available at that time. It was also agreed to provide conduits etc. for the conventional projector to take care of the situation in case the provision of LED screen is ruled out at a later stage.</p>	
46.4	<p><i>To discuss and approve the estimate for speakers, amplifiers and microphones for the proposed auditorium at main campus, Kapurthala.</i></p> <p>Committee approved the estimate for speakers, amplifiers and microphones for the proposed auditorium at main campus, Kapurthala for an amount of Rs. 81.26 lacs. It was decided by the committee that tenders for execution of these works shall be invited on performance basis only.</p> <p>Additionally, it was also agreed that the complete tendering process/scheme for execution of various works of the auditorium shall be discussed and approved by the Building committee.</p>	No action is required at this stage.
46.5	<p><i>To discuss and finalize the provision of LED lights in place of CFL lights in collage buildings and library building (under construction) of Punjab Institute of Technology, main campus, Kapurthala.</i></p> <p>Committee decided for provision of CFL lights, as originally approved in the estimates.</p>	No action is required.
46.6	<p><i>To discuss and approve the revised layout plan of proposed buildings for Punjab Institute of Technical Teachers Training and Research (PITTTR) at Ladowali Road, Jalandhar.</i></p> <p>Committee approved the revised site plan/scheme presented by the Architect.</p>	No action is required.
46.7	<p><i>To discuss and finalize the fee payable to the Architect for preparation of building plans of auditorium and hostels proposed at main campus, Kapurthala.</i></p> <p>Committee noted that the documents presented are not sufficient to take the decision. Executive Engineer, PTU was advised to present additional documents like the original recommendations of the committee set up by the H'nble Vice Chancellor, Agendas of 20<sup>th</sup> and 27<sup>th</sup> meetings of the building committee etc.</p>	The case is being presented in this meeting as an agenda item.

46.8	<i>To discuss and approve the start of construction works of proposed college buildings at Punjab Institute of Technology at Arniwala and Sikhwala.</i>  Committee noted that University has decided to go ahead with construction of proposed buildings (Phase-I) and external development works of Punjab Institute of Technology at Arniwala and Sikhwala.	No action is required.
46.9	<i>To discuss and approve the estimate for painting of boundary walls Punjab Institute of Technology, Mansa.</i>  Committee decided that the work of painting of boundary wall may be taken up at the time of making the campus operational.	No action is required.
46.10	<i>To discuss and approve authorization to PWD for taking Environmental Clearance for construction of proposed auditorium and hostels buildings at main campus, Kapurthala.</i>  In view of the notification dated 22.12.2014 issued by 'Ministry of Environment, Forest and Climate Change' presented in the meeting, committee noted that Environmental Clearance for building construction projects for educational institutes is not required. However, committee advised PWD/PTU to confirm the same before start of any new construction activity.	No action is required.

During discussions on item No. 46.6 above, it has been decided that University should start construction on the land allotted by the administration presently. Building plans may be revised accordingly. In case, any additional land is made available in future, the same may be developed as green belt.

**Item No. 47.3 :** To review the minutes of 43<sup>rd</sup>, 44<sup>th</sup>, 45<sup>th</sup> and 46<sup>th</sup> meetings of Standing Building Construction Committee.

After detailed discussions, committee recommends approval of minutes of the 43<sup>rd</sup>, 44<sup>th</sup>, 45<sup>th</sup> and 46<sup>th</sup> meetings of Standing Building Construction Committee.

**Item No. 47.4 :** To discuss and approve the concept plans and estimates for setting up sports hostel at main campus, Kapurthala.

After detailed deliberations, committee decided the following:

- i. University should finalize the capacity of the sports hostel by considering the frequency and no. of events proposed to be organized at this campus.
- ii. Since the stay of the students will be of short duration, hostel with normal facilities should be planned.

- iii. The Architect was advised to study the similar sports hostels provided by other institutions and facilities provided by majority of the institutions for such hostels may be adopted.
- iv. The design adopted by IKG PTU for other proposed hostels in the campus may be adopted for the sports hostels also.
- v. As the sports hostel has been planned at a location which was originally earmarked for guest house, thus the guest house may be relocated at a suitable place.
- vi. The Architect was advised to prepare the revised scheme based upon the above decisions.
- vii. University should also put up a proposal for developing other sports facilities planned in the master plan.

**Item No. 47.5 :** To discuss and approve the scheme of construction of 220 KV electric line of PSTCL to pass through PTU main campus, Kapurthala.

Committee agreed for passing 220 KV line through IKG PTU campus as per the revised scheme agreed between IKG PTU, University's Architect and PSTCL. However, PSTCL may be advised to deposit the compensation for the land being utilized by them and cost of reconstruction of part boundary wall to be dismantled for construction of towers. The Architect was advised to revise the Master Plan accordingly.

**Item No. 47.6 :** To discuss and finalize the fee payable to the Architect for preparation of building plans of auditorium and hostels proposed at main campus, Kapurthala.

The Architect was advised to submit proper justification that preparation of drawings for approval from Chief Town Planner is not in his scope of work and is an additional work. The Architect was also advised to submit rates for this work.

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

*[Handwritten signature]*

# **ANNEXURE-B**

**I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY, JALANDHAR**

**Subject :** Minutes of the meeting held on 08.02.2016 to re-examine the proposal of setting up of College of Professional Studies at Bassian Koli, Raikot, Ludhiana.

**Reference :** Dean (P&D) Office Order No. IKGPTU/P&D/01SPL dated 08.02.2016.

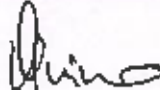
**Present :-**

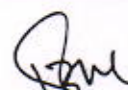
1. Dr. B.P.Garg, Registrar, PITTTR.
2. Dr. Balkar Singh, Director, College Development.
3. Sh. H.P.Singh, XEN.

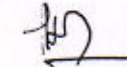
The committee examined the earlier proposal prepared for this campus. After detailed deliberation, committee recommends the following :-

1. This Institute may be established with the same regular courses which have already been approved by Hon'ble Vice Chancellor, as listed below :-
  - a) Bachelor of Business Administration (BBA)
  - b) Bachelor of Computer Administration (BCA)
  - c) Bachelor of Commerce (Hons.) B.Com (Hon's).
  - d) Bachelor of commerce in E-commerce. ( B.Com (E-Commerce)
2. In addition to the above, following skilled development programmes may also be considered as the same infrastructure can be used for this courses :-
  - a) Mobile phone hardware repair technician.
  - b) TV repair technician.

The building requirements has been modified and is placed at Annexure 'A'.

  
(Dr. B.P. Garg)

  
(Dr. Balkar Singh)

  
(Er. H.P. Singh)

Dean (P&D)

NP2  
8/2/2016

**Encls :** as above.

## ANNEXURE-A

## REVISED BUILDING REQUIREMENTS FOR ESTABLISHMENT OF COLLEGE OF PROFESSIONAL STUDIES AT BASSIAN KOTHI, RAIKOT

Sr.NO.	REQUIREMENT	NOS	CARPET AREA	TOTAL	
1	ACADEMIC				
1.1	CLASS ROOMS	10	65	650	
1.2	TUTORIALS	6	35	210	
1.3	LABS	3	65	195	
1.4	COMPUTER CENTRE	1	150	150	
	TOTAL			1205	(A)
2	FACULTY				
2.1	HOD/PROFF	2	20	40	
2.2	ASSOCIATE PROFESSOR	8	15	120	
2.3	ASSISTANT PROFESSOR	24	10	240	
2.4	DEPARTMENT OFFICE	4	20	80	
	TOTAL			480	(B)
3	ADMINISTRATIVE				
3.1	DIRECTORS OFFICE	1	30	30	
3.2	SECRETERARY TO DIRECTOR	1	30	30	
3.3	BOARD ROOM	1	30	30	
3.4	ACCOUNTS	1	150	150	
3.5	EXAMINATION CONTROL	1			
3.6	PLACEMENT OFFICE	1			
3.7	SECURITY	1			
3.8	PANTRY	1			
3.9	HOUSEKEEPING	1			
3.10	FIRST AID	1			
	TOTAL			240	(C)
4	COMMON AMENITIES				
4.1	CAFETERIA	1	50	50	
4.2	COMMON ROOMS(BOYS & GIRLS)	1	100	100	
4.3	LIBRARY	1	300	300	
4.4	STATIONERY & REPROGRAPHY	1	50	50	
4.5	TOILET(MALE & FEMALE)	LUMP SUM	450	450	
	TOTAL			950	(D)

5	TOTAL CARPET AREA(A+B+C+D)	2875
6	CIRCULATION AREA(40%)	1150
7	TOTAL CARPET AREA(5+6)	4025
8	WALL AREA @ 12% OF TOTAL CARPET AREA	483
9	TOTAL COVERED AREA(7+8)	4508
10	BUILTUP AREA @ 110% OF TOTAL COVERED AREA	4,958.80
	SAY	4960 Sqm.

# **ANNEXURE-C**

**PRELIMINARY COST ESTIMATE**

**COLLEGE OF PROFESSIONAL STUDIES AT BASSIAN KOTHI , RAIKOT, LUDHIANA**

**ROUGH COST ESTIMATE**

Total Plinth Area -

4,960.00 sq.m

53369.60

sq.ft

Sr.No.	Description	Unit	Rate/sq.ft	Amount(Rs)
1	2	3	4	5
1	Rates per square feet			
1.1	Rate without foundation	sq.ft	716.00	
1.2	Rate for foundation	sq.ft	154.00	
1.3	Parapel wall, tile terracing and rain water piping	sq.ft	109.00	
1.4	In case the roof to be increased by 1ft beyond 10'-6"	sq.ft	84.00	
1.5	Flooring	sq.ft	100.00	
1.6	Plinth level to be raised by 1.5ft	sq.ft	37.50	
	<b>SUB TOTAL (A)</b>		<b>1,200.50</b>	<b>640,70,204.80</b>
2	Add premium @30% as the basic rates are for year 2010. (B)	% of A	360.15	192,21,061.44
	<b>TOTAL (A+B) = (C)</b>		<b>1,560.65</b>	<b>832,91,266.24</b>
3	<b>SERVICES</b>			
3.1	Electrical instalation @12.5%	% of C		104,11,408.28
3.3	power wiring @4%	% of C		33,31,650.65
3.4	Telephone conduits @0.5%	% of C		4,16,456.33
3.5	Datanetwork @ 0.5%	% of C		4,16,456.33
3.6	External Service connections @4%	% of C		33,31,650.65
3.7	Water supply + Sanitation @4%	% of C		33,31,650.65
3.8	RCC frame structure and earthquake resistance @ 10%	% of C		83,29,126.62
	<b>Total cost of services (D)</b>		<b>554.03</b>	<b>295,68,399.52</b>
	<b>Total cost of works (C) + (D) = E</b>		<b>2,114.68</b>	<b>1128,59,665.76</b>
4	<b>Taxes :</b>			
4.1	Cancer cess @1%	% of E		11,28,596.66
4.2	Cultural cess @1%	% of E		11,28,596.66
4.3	Labour Cess @ 1%	% of E		11,28,596.66
4.3	Service Taxes @5.8% - 14.5% of 40% cost	% of E		65,45,860.61
	<b>Total cost of Taxes (F)</b>		<b>186.09</b>	<b>99,31,650.59</b>
	<b>GRAND TOTAL</b>		<b>2,300.77</b>	<b>1227,91,316.00</b>

B-1

9

FROM : G E CIRCLE OFFICE 2

FAX NO. : 0161 2224797

11 Jun, 2012 5:14PM P1

ਦਿੱਲੀ

ਮੁੱਖ ਇੰਜੀਨੀਅਰ (ਇਮਾਰਤਾਂ),  
ਪੰਜਾਬ, ਲੋਕ ਨਿਰਮਾਣ ਵਿਭਾਗ ਤੇ ਤੇ ਮ ਸ਼ਾਖਾ,  
ਚੰਡੀਗੜ੍ਹ।

377  
8/6/12  
22/6/12

ਬਲ

ਸਾਰੇ ਨਿਰਮਾਣ ਇੰਜੀਨੀਅਰਾਂ,  
ਲੋਕ ਨਿਰਮਾਣ ਵਿਭਾਗ,  
ਭਵਨ ਤੇ ਮਾਰਗ ਸ਼ਾਖਾ।

ਮੁੱਖ ਇੰਜੀਨੀਅਰ  
ਪੰਜਾਬ  
ਮਿਤੀ: 30-5-2012

ਮੀਮੇ ਨੰ: 864-876 ਨਿਰਮਾਣ

ਵਿਸ਼ਾ:- ਕੱਚੇ ਭਰਮੀਨੇ ਤਿਆਰ ਕਰਨ ਹਿੱਤ ਪਲਿੰਥ ਏਰੀਆ ਦਰਾਂ ਦਾ ਵਿਗਿਆਨੀਕਰਨ।

ਹਵਾਲਾ: ਵਿਸ਼ੇਸ਼ ਚਰਚਾ ਦਾ ਮੀਮੇ ਨੰ: 52/ਨਿ: 1/87/2687-2707 ਮਿਤੀ 20-07-2007.

ਇਮਾਰਤੀ ਕੰਮਾਂ ਦੀ ਉਸਾਰੀ ਲਈ ਕੱਚਾ ਭਰਮੀਨਾ ਤਿਆਰ ਕਰਨ ਵਾਸਤੇ ਪਲਿੰਥ ਏਰੀਆ  
ਚੁਣਾ ਕਿਸੇ ਕਿਸਮ ਦੀ ਫੀਸ ਹਨ। ਇਹ ਚਰਾ ਨੂੰ ਨਿਯਮਿਤ ਕਰਨ ਸਮੇਂ ਵਿਮਾਰਤ ਦੀਆਂ ਹੱਦ ਵਿਸ਼ੇਸ਼ਤਾਈਆਂ  
ਦਰਜ਼ਾਨੀਆਂ ਹਾਈਆਂ ਹਨ।

ਇਹਨਾਂ ਦਰਾਂ ਵਿੱਚ ਜ਼ਰੂਰੀ ਹੀਆਂ ਖਾਸ ਹਾਲਾਤਾਂ ਅਤੇ ਹੂਮੀ ਦੀ ਸਹਿਤ ਸ਼ਕਤੀ ਅਤੇ ਹੋਰ ਵਿਸ਼ੇਸ਼  
ਨਿਯਮ, ਇਮਾਰਤ ਦੀ ਉਚਾਈ ਆਦਿ ਨੂੰ ਧਿਆਨ ਵਿੱਚ ਰੱਖਦੇ ਹੋਏ ਚੁਣਾ ਜਾਣਾ ਚਾਹੀਦਾ ਜਾ ਸਕਦਾ ਹੈ।

ਇਹ ਦਰਾਂ ਸੀ.ਐਸ.ਆਰ-2010 ਉੱਤੇ ਮਿਤੀ 05-12-2011 ਨੂੰ ਜ਼ੋਨਲ ਕਮੇਟੀ ਵਲੋਂ ਦਰਸਾਏ  
ਸੀਟਿੰਗ ਪ੍ਰੀਮੀਅਮ ਦੇ ਅਧਾਰਤ ਹਨ।

ਨੋਟ:- ਬਿਜਲੀ ਅਤੇ ਜਲ ਸਿਹਤ ਜੇਦਵਾਂ ਦੇ ਅੰਕੜੇ ਮੁੱਖ ਇੰਜੀਨੀਅਰ (ਬਿਜਲੀ),  
ਪਟਿਆਲਾ ਅਤੇ ਮੁੱਖ ਇੰਜੀਨੀਅਰ (ਜਲ ਸਿਹਤ) (ਸ.ਕ.) ਪਟਿਆਲਾ ਦੇ ਦਫ਼ਤਰਾਂ ਅਨੁਸਾਰ ਪਾਏ ਜਾਣਗੇ।

ਨਿਯਮਿਤ ਪਰਿਵਰਤ ਅਨੁਸਾਰ।  
13.5 ਪੰਨੇ

ਮੁੱਖ ਇੰਜੀਨੀਅਰ (ਇਮਾਰਤਾਂ),  
ਪੰਜਾਬ, ਲੋਕ ਨਿਰਮਾਣ ਵਿਭਾਗ ਤੇ ਮ ਸ਼ਾਖਾ,  
ਚੰਡੀਗੜ੍ਹ।

ਪਿੱਛੇ ਅੰਕੜ ਨੰ: 77-ਓਬ/2/ਨਿਰਮਾਣ ਮਿਤੀ: 30-5-2012  
ਉਪਰੋਕਤ ਦਾ ਹੁੰਦਾ ਹੋਣ ਨਿਯਮਾਂ ਨੂੰ ਸੂਚਨਾ ਅਤੇ ਯੋਗ ਕਾਰਵਾਈ ਲਈ ਦਿੱਤਾ ਜਾਂਦਾ ਹੈ:-

1. ਮੁੱਖ ਇੰਜੀਨੀਅਰ, ਪੰਜਾਬ, ਜਲ ਸਿਹਤ ਸ਼ਾਖਾ (ਸ.ਕ.), ਪਟਿਆਲਾ।
2. ਮੁੱਖ ਇੰਜੀਨੀਅਰ (ਬਿਜਲੀ), ਪੰਜਾਬ, ਲੋਕ ਨਿਰਮਾਣ ਵਿਭਾਗ, ਤੇ ਤੇ ਮ ਸ਼ਾਖਾ, ਪਟਿਆਲਾ।
3. ਕਾਰਜਕਾਰੀ ਇੰਜੀਨੀਅਰ (8-2/3-3/3-4), ਪਟਿਆਲਾ।
4. ਸੀ.ਐਸ.ਆਰ. ਡੀ. ਡੀ. ਐਮ. ਬਿਨੁਰਹਿਮਾਨ ਭਾਗ (ਰੋਡ ਆਫਿਸ) ਲੋਕ ਨਿਰਮਾਣ ਵਿਭਾਗ, ਤੇ ਤੇ ਮ ਸ਼ਾਖਾ, ਪਟਿਆਲਾ।

ਨਿਯਮਿਤ ਪਰਿਵਰਤ ਅਨੁਸਾਰ।  
13.5 ਪੰਨੇ

ਕਾਰਜਕਾਰੀ ਇੰਜੀਨੀਅਰ (ਕਾਰਜਕਾਰੀ),  
ਮੁੱਖ ਇੰਜੀਨੀਅਰ, ਪੰਜਾਬ, ਲੋਕ ਨਿਰਮਾਣ ਵਿਭਾਗ,  
ਭਵਨ ਤੇ ਮਾਰਗ ਸ਼ਾਖਾ, ਪਟਿਆਲਾ।

- 1 -

ਇਮਾਰਤ ਦੀ ਉਸਾਰੀ ਲਈ ਕਾਨੂੰਨੀ ਅਨੁਮਾਨ ਬਿਮਾਰ ਕਰਨ ਵਾਸਤੇ ਪਲਿੰਥ ਟੇਰੀਆ ਹੇਠ ਹੇਠ ਲਿਖੇ ਅਨੁਸਾਰ ਦਰਸਾਏ ਜਾਂਦੇ ਹਨ:-

ਫਾਕ- "ਉ" ਮੈਸਨਰੀ ਸਟਰਕਚਰ ਵਾਸਤੇ (ਫਾਕ ਬੱਚੇ ਫਾਕ ਤਿੰਨ ਮੰਜਿਲਾ ਇਮਾਰਤਾਂ ਲਈ)

ਲਈ ਨੰ:	ਵਿਵਰਣ	ਰੇਟ ਰੁਪਏ ਵਿੱਚ	ਇਕਾਈ
1	ਪਹਿਲੀ ਮੰਜਿਲ ਦੀ ਉਸਾਰੀ (ਬਿਨਾਂ ਨੀਹਾਂ ਦੇ)	728/-	ਵਰਗ ਫੁੱਟ
2	ਦੂਜੀ ਮੰਜਿਲ ਦੀ ਉਸਾਰੀ (ਬਿਨਾਂ ਨੀਹਾਂ ਦੇ)	700/-	ਵਰਗ ਫੁੱਟ
3	ਤੀਜੀ ਮੰਜਿਲ ਦੀ ਉਸਾਰੀ ਲਈ (ਬਿਨਾਂ ਨੀਹਾਂ ਦੇ) ਉਪਰਲੀ ਹਰੇਕ ਮੰਜਿਲ ਦੀ ਉਸਾਰੀ ਦਾ ਵਾਧੂ ਰੇਟ 3% ਦੀ ਢਰ ਨਾਲ ਵਧਾਇਆ ਜਾਵੇ ਜਿਵੇਂ 700 + 3% = 721.00	721/-	ਵਰਗ ਫੁੱਟ
4	ਬਨੇਰਾ ਉੱਤੇ ਵਾਰੀਵਾਰੀ, ਛੱਤ ਤੇ ਟਾਈਲਾਂ ਅਤੇ ਬਰਸਾਤੀ ਪਾਣੀ ਵਾਲੀ ਪਾਰਕਿੰਗ ਆਦਿ ਲਈ ਵਾਧੂ ਰੇਟ।	109/-	ਵਰਗ ਫੁੱਟ
5	ਨੀਹਾਂ ਦੀ ਲਾਗਤ		
ਉ	ਇੱਕ ਮੰਜਿਲਾ ਇਮਾਰਤ ਲਈ	121/-	ਵਰਗ ਫੁੱਟ
ਅ	ਦੋ ਮੰਜਿਲਾ ਇਮਾਰਤ ਲਈ	136/-	ਵਰਗ ਫੁੱਟ
ਦ	ਤਿੰਨ ਮੰਜਿਲਾ ਇਮਾਰਤ ਲਈ	154/-	ਵਰਗ ਫੁੱਟ

ਉਪਰੋਕਤ ਨੂੰ ਫਿਲਾਸਾ ਜੇਕਰ ਸਬੰਧਤ ਮਹਿਕਮਾ ਕੋਈ ਵਿਸ਼ੇਸ਼ ਤਰ੍ਹਾਂ ਦਾ ਕੰਮ ਕਰਵਾਉਣਾ ਚਾਹੇ ਤਾਂ ਉਨ੍ਹਾਂ ਆਈਟਮਾਂ ਦੇ ਰੇਟ ਵੀਐਚ ਡੈਂਡੇ ਤੇ ਲਏ ਜਾਣ ਸਿਨ੍ਹਾਂ ਵਿੱਚੋਂ ਕੁੱਝ ਆਈਟਮਾਂ ਦੇ ਰੇਟ ਹੇਠ ਲਿਖੇ ਅਨੁਸਾਰ ਹਨ:-

ਲਈ ਨੰ:	ਵਿਵਰਣ	ਰੇਟ ਰੁਪਏ ਵਿੱਚ	ਇਕਾਈ
1	ਸੇਕਰ ਪਲਿੰਥ ਲੈਵਲ ਇੱਕ ਫੁੱਟ ਹੋਰ ਉੱਚਾ ਕਰਨਾ ਹੋਵੇ ਤਾਂ ਇੰਨਾਂ ਦੀ ਚਿਤਾਈ ਜਮੇਰ ਮਿੱਟੀ ਦੀ ਵਰਤੀ ਲਈ ਵਾਧੂ ਰੇਟ	25/-	ਵਰਗ ਫੁੱਟ
2	ਸੇਕਰ ਛੱਤ ਇੱਕ ਫੁੱਟ ਹੋਰ ਉੱਚੀ ਕਰਨੀ ਹੋਵੇ ਤਾਂ ਵਾਧੂ ਰੇਟ	24/-	ਵਰਗ ਫੁੱਟ
3	ਕੋਟਾ ਸਟੈਨ ਦੇ ਫਰਸ਼ ਲਈ ਵਾਧੂ ਰੇਟ	95/-	ਵਰਗ ਫੁੱਟ
4	ਵਿੰਟਰੀਵਾਰੀ ਟਾਈਲਾਂ ਦੇ ਫਰਸ਼ ਲਈ ਵਾਧੂ ਰੇਟ	105/-	ਵਰਗ ਫੁੱਟ

ਇਹ ਰੇਟ ਹੇਠ ਲਿਖੀਆਂ ਵਿਸ਼ੇਸ਼ਤਾਵਾਂ ਨੂੰ ਮੰਨਕੇ ਤਿਆਰ ਕੀਤੀਆਂ ਗਈਆਂ ਹਨ।

1. ਭੂਮੀ ਦੀ ਸਹਿਣ ਸ਼ਕਤੀ:- ਜ਼ਮੀਨ ਦੀ ਕੁੱਲ ਸਹਿਣ-ਸ਼ਕਤੀ ਇੱਕ ਟਨ ਪ੍ਰਤੀ ਵਰਗ ਫੁੱਟ ਲਈ ਗਈ ਹੈ।
2. ਨੀਹਾਂ:- ਨੀਹਾਂ ਦੀ ਡੂੰਘਾਈ ਚਿੰਨ ਫੁੱਟ ਰੱਖੀ ਗਈ ਹੈ ਪਲਿੰਥ ਲੈਵਲ ਜ਼ਮੀਨੀ ਲੈਵਲ ਤੋਂ ਇੱਕ ਫੁੱਟ ਉੱਚਾ ਰੱਖਿਆ ਗਿਆ ਹੈ।
3. ਇੰਨਾਂ ਦੀ ਚਿਤਾਈ:- ਨੀਹਾਂ ਅਤੇ ਉਪਰਲੀ ਸ਼ਕਤਰ ਲਈ ਇੰਨਾਂ ਦੀ ਚਿਤਾਈ ਦਾ ਕੰਮ ਪਹਿਲੇ ਦਰਜੇ ਦੀਆਂ ਇੰਨਾਂ 1:6 ਦੇ ਸੀਮਿੰਟ ਰੇਤ ਮਸਾਲੇ ਵਿੱਚ ਅਤੇ ਅੱਧੀ ਇੰਨ ਦੀ ਚਿਤਾਈ ਦਾ ਕੰਮ 1:4 ਦੇ ਸੀਮਿੰਟ ਰੇਤ ਮਸਾਲੇ ਵਿੱਚ ਲਿਆ ਗਿਆ ਹੈ।
4. ਛੱਤ ਦੀ ਉਚਾਈ:- ਇਹ ਰੇਟ ਛੱਤ ਦੀ ਉਚਾਈ 10 ਫੁੱਟ ਨੂੰ ਮੰਨ ਕੇ ਤਿਆਰ ਕੀਤੇ ਗਏ ਹਨ।
5. ਆਰ.ਸੀ.ਸੀ. ਦਾ ਕੰਮ:- ਆਰ.ਸੀ.ਸੀ. ਦਾ ਕੰਮ ਟੈਰ ਸਟੀਲ ਅਤੇ ਐਮ-20 ਸੀਮਿੰਟ ਕੰਕਰੀਟ ਨਾਲ ਲਿਆ ਗਿਆ ਹੈ।
6. ਰੁਆਇਨਰੀ ਦਾ ਕੰਮ:- ਰੁਆਇਨਰੀ ਦੇ ਕੰਮ ਵਿੱਚ ਚੋਗਾਠਾ ਪ੍ਰੈਸਡ ਸਟੀਲ ਅਤੇ ਪੱਲੇ ਹੋਲਕ ਫੁੱਫ ਦੇ ਲਏ ਹਨ। ਖਿੜਕੀਆਂ ਵਿੱਚ ਜਾਲੀ ਦੇ ਪੱਲੇ ਵੀ ਹਨ। ਇਨ੍ਹਾਂ ਉੱਪਰ ਦੇ ਕੋਟ. ਪੇਂਟ ਸਮੇਤ ਪ੍ਰਾਈਮਰ ਵੀ ਲਏ ਗਏ ਹਨ।
7. ਪਲਾਂਸਟਰ:- ਚੀਕਲਾਂ ਦਾ ਪਲਾਂਸਟਰ 12.5 ਐਮ.ਐਮ./20 ਐਮ.ਐਮ. ਮੋਟਾ 1:6 ਦੇ ਸੀਮਿੰਟ ਰੇਤ ਮਸਾਲੇ ਵਿੱਚ ਲਿਆ ਗਿਆ ਹੈ।
8. ਫਰਸ਼:- ਕੰਕਰੀਟ ਫਰਸ਼ ਸਮੇਤ 40ਐਮ.ਐਮ. ਮੋਟਾ ਗੈਸ ਕੋਰਸ ਦੇ ਲਏ ਗਏ ਹਨ।
9. ਵਿੰਡਰੀਵਾਰੀ:- ਇਸ ਵਿੱਚ ਅੰਤਰ ਕਾਇਲ ਫਾਊਂਡੇਸ਼ਨ ਵਿਸਟੀਪਚ ਅਤੇ ਕਾਰਜ ਐਂਟੀ ਰੋਗਲ, ਦੀ ਰੁਸਟੀਕ ਸੀ.ਐਸ.ਫਾਕ.-2010 ਥੈਪਟਰ ਨੰ:16 ਆਈਟਮ ਨੰ:16.69 ਅਨੁਸਾਰ ਲਿਆ ਗਿਆ ਹੈ।

# **ANNEXURE-D**

The Board deliberated on the matter and decided to reinstate Dr. N.P. Singh to the post of Dean. The Board further decided that there was no merit in the charge sheet issued to Dr. N.P. Singh and he was exonerated from all the charges, keeping in view the record of the case and detailed deliberations held by the Board. It was also decided that his period under suspension and removal shall be treated as duty period and he is entitled for all consequential benefits.

**Item No. 60.7 To approve proceedings of 43<sup>rd</sup>, 44<sup>th</sup>, 45<sup>th</sup>, 46<sup>th</sup> and 47<sup>th</sup> meeting of Standing Building Construction Committee**

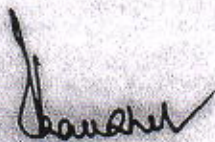
The Board considered the agenda and decided that the recommendations of the Standing Building Construction Committee to the extent that they involve expenditure, should be placed before the Authority competent to approve the expenditure. Thereafter if the approval of the Board is required, the same shall be put up before the Board in the next meeting.

**Item No. 60.8 To plan and construct residences for Vice Chancellor, Registrar, Deans and other employees of the University at main campus, Kapurthala.**

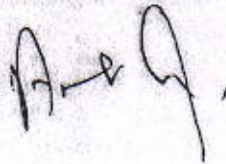
The Board approved the proposal in principle and directed that the matter be dealt expeditiously as it is essential for developing the University as academic campus. The detailed design and estimates shall be framed expeditiously and approval of the Competent Authority be taken.

**Item No 60.9 To brief about the factual position on the complaint received from Anti Corruption Society, Jalandhar**

The matter was considered by the Board and it was decided that Principal Secretary, Technical Education-cum-Vice Chairman shall examine the factual report with the assistance from VC, IKGPTU and the report shall then be placed before the Board.



CHIEF SECRETARY  
GOVERNMENT OF PUNJAB



# **ANNEXURE-E**

F

A.

Proceedings of the 31<sup>st</sup> meeting of the Board of Governors held on 29.2.2008 at Punjab  
Civil Secretariat, Chandigarh.

The following were present in the meeting

Sri Rajnesh Inder Singh, IAS Chief Secretary to Govt. of Punjab	Chairman
Dr. Rajnesh Arora Vice-Chancellor, PTU	Member
Mrs. Tejinder Kaur, IAS Principal Secretary to Govt. of Punjab Dept. of Technical Education & Ind. Training Chandigarh	Member
Sri B.S. Sandhu, IAS Secretary to Govt. of Punjab Dept. of Finance Govt. of Punjab	Member
Dr. R.S. Khandpur Deputy-Commissioner Punjab Capital Region City Chandigarh	Member
Sri Chandra Mohan Chairman Twenty First Century Ltd. H.No. 202, Sector 36-A, Chandigarh	Member
Sri Narinder Bahgal Managing Director Kapoor Industries GT Road, Suranussi Distt. Jalandhar	Member
Dr. M.S. Sood Principal, Guru Nanak Dev Engg. College Ludhiana	Member
Dr. N.P. Singh Dean (Examinations) PTU Jalandhar	Member
Mrs. Sarojni Gautam Sharda, PCS Registrar, PTU	Secretary

Mrs. S.C. Sharma, Director Indian Institute of Technology, Roorkee & Dr. Sunder Parashar,  
Director, Indian Institute of Technology, Delhi through their written messages and Mr. B.P. Grewal,  
CND Vardaman Spinning & Gen. Mills Ltd. Ludhiana & Dr. Abhishek Mukherjee, Chairman of the  
North-West Committee, All India Council for Technical Education, Chandigarh through their  
messages on phone expressed their inability to attend the meeting on account of preoccupation.

On the very onset, the Chief Secretary welcomed Dr. Rajwanti Andra the new Vice-Chancellor of PTU and expressed that it is a honour for the University to have him as Vice-Chancellor and hoped that under his stewardship, the University will attain newer heights. He also welcomed Mr. Mahinder Sangal, Member of the BOG and expressed hope that University will be enriched with his contribution to the academic and administrative matters.

After the regular agenda was taken up

**Item No. 31.1 To confirm the proceedings of 29<sup>th</sup> & 30<sup>th</sup> meeting of the BOG**

The Registrar informed that the proceedings were circulated to all the members and no comments were received. The Board confirmed the proceedings.

**Item 31.2 Action Taken Report on the 29<sup>th</sup> meeting of the Board of Governors, PTU**

The Board took note of the action taken report.

**Item : 31.3 Development of Mohali & Jalandhar Campus of PTU**

The Board authorized the Vice-Chancellor to constitute Committees to suggest the proper utilization of these campuses and directed that detailed proposals be placed before the Board.

**Item No. 31.4 To brief about Annual Convocation of the University.**

The Board took note of the details of the degrees conferred at the annual convocation.

**Item No. 31.5 To brief about the current status of the PTU Capara School.**

The Registrar informed the Board that a Committee was constituted by the Board in its 29<sup>th</sup> meeting to examine the issues relating to PTU Capara School. Dr. R.S. Khandour, Member of the Committee briefed the Board about the deliberations of this Committee. The Board expressed concern for speedy settlement of the issues related to Capara. It was resolved that in order to avoid further litigation, PTU officials should meet their Capara counter parts and decide about the location of the school.

**Item No. 31.1:** To inform the Board about the reconstitution of Distance Education Council of PTU.

The Board noted the reconstitution of Distance Education Council and desired that the University invite more people of eminence into the Council's fold.

**Item No. 31.2** To constitute Standing Committee on Unfair Means Cases

The Vice-Chancellor proposed the following members for the Committee:

1. Mr. A.K. Sharma, Dist. & Session Judge (Retd.)
2. Mr. S.K. Tandon, Principal, Gobindgarh Public College, Alour (Karnah)
3. Brig. (Retd.) Jagdish Gagneja, Principal ICFAI National College (INC), Jalandhar
4. Registrar or his nominee not below the rank of Deputy Registrar

The Board approved the constitution of proposed Standing Committee on Unfair Means Cases.

**Item No. 31.3** Approval of proceedings of 31<sup>st</sup> meeting of Academic Council

The Board approved the proceedings of the Academic Council.

**Item No. 31.4** Nominations for Academic Council

The Board approved the nominations of the following members to the Academic Council:

**Industrialists:**

1. Mr. Sachit Jain, Executive Director, Verdhman Group, Ludhiana
2. Mr. L.D. Mittal, CMD, Sonalika, ITL, Hoshiarpur

**Technologists:**

1. Mr. R.P. Sehgal, Executive Director, Swaraj Majda, Sector-34, Mohali
2. Dr. S. Marwaha, Executive Director, Biotechnology Incubator, Mohali

**Item No. 31.10** Appointment of Consultants

After deliberations on the requirement of Consultants for the University for preparing the regulations and sub regulations, and for other academic and administrative matters of the University, it was desired that the terms of reference and lump sum emoluments to be paid to such consultants may be drawn and put up before the Board in its next meeting.

**Item No. 31.11** Revision of upper limit of rent of accommodation for the Vice-Chancellor and Registrar

The Board approved the maximum limit for the rented accommodation for Vice-Chancellor to Rs. 25,000/- P.M and for the Registrar to Rs. 16,000/- P.M

**Item No. 31.12** To brief about the construction of PTU Campus - Phase - II

The Board approved the construction of PTU Campus Phase-II. It was also desired that the Vice-Chancellor and the Registrar of the University may have reasonably larger houses commensurate with their designations.

**Item No. 31.13:** To ratify B.Tech under distance education at PTU Gyan Jyoti School of TOM and Entrepreneurship, Mohali

The Board ratified the decision of the University for adoption of B.Tech Industrial Engineering and Management (Specialization in TOM) in Distance Education Programme to run at Mohali Campus of PTU's Gyan Jyoti School of Management & Technology. This School shall function within the department of Distance Education of the University and as per the directives issued from time to time by the Distance Education Council of the PTU.

**Item No. 31.14** To approve the migration cases.

The Board approved the following migration cases:

Sr. No.	Name	Father's Name	Roll No.	Course	Migration Sought from	To	Date of application
1.	Nandinder Singh	S. Bhupinder Singh	7012111150	B. Tech. (MTE) - 5 <sup>th</sup>	BBSBEC, Firozabad	ACET, Amritsar	03.11.2008
2.	Hareneet Kaur	Mr. Charan Singh	713434393	B. Sc. Bio Tech	SSCMT, Amritsar	CTIPS, Jalandhar	15.01.2009
3.	Vishal Shukla	Mr. Kamlesh Shukla	80202113056	B. Tech (IT)	GGSCET, Talwandi Sabo	SUSCET, Tangori	10.12.2008
4.	Ramandeep Singh	Mr. Karjar Singh	7080013002	B. Tech (Civil) - 6 <sup>th</sup>	RIMT-JET, Mohali	GNDCE, Ludhiana	26.11.2008
5.	Amrinder Singh Arwal	S. Hardyal Singh Arwal	7054231812	BCA - 4 <sup>th</sup>	PCET, Badliwal	CCT, Landran	04.02.2009

**Item No. 31.15** To brief about Online Counselling for the session 2009-10

The Board took note of the Online Counselling for the session 2009-10 to be adopted by the University and desired that the University should make all out efforts to minimize time involved in the counselling process.

Item No. 31.16

#### Revocation of Rustication

The Registrar explained to the Board the cases of revocation of rustication as recommended by Principal, Baba Banda Singh Baradur Engineering College, Fatehgarh Sahib. The Board approved the revocation of rustication in the following cases:

Sr. No.	Univ. Roll No.	Name	Course / Branch	Period of Rustication
1.	7120608258	Jagdeep Singh Sekhon	B.Tech (EE)	One Academic year i.e. from Aug-2008 to May-2009
2.	6121112401	Jagroop Singh	B.Tech (ME)	-do-
3.	612044582	Sandeep Singh	B.Tech (EC)	-do-

Item No. 31.17

#### Payment of Mr. Sachdev Eggleston

The Board observed that a Committee comprising of Chief Architect, State Town Planner and Chief Engineer (B & R) had already been constituted by the then Chief Secretary, Punjab, therefore the University may refer the case to this Committee for evaluation of the work done by the Architect and desired the report to be placed before the Board.

Item No. 31.18

#### To evolve a policy for PIO/Foreign National students willing to take admission in PTU affiliated colleges.

The Board approved the proposal of the policy for PIO/ Foreign National students for admission to PTU affiliated colleges. It was also desired that the University must ensure that the policy framed is in conformity with the guidelines issued by the Government of India relating to Foreign Nationals / PIOs as well as various judicial pronouncements in this regard.

Item No. 31.19

#### To approve policy for internal audit of institutions/centers of the University.

The Board approved of internal audit of institutes / centres of the University and desired that audit reports may be placed before the Board.

Item No. 31.20

#### To brief about the progress made in recovery of pending dues from the affiliated colleges.

The Board took serious note of the pending dues towards affiliated colleges and desired that no fee concessions should be allowed in the next academic session till the defaulting institutes pay off their outstanding dues. It was also desired that letters to this effect may be issued to all the affiliated colleges immediately.

Item No. 31.21 To appoint members of Dean of Faculties of Punjab Technical University.

The Board approved the appointment of the following Dean of faculties

Sr. No.	Discipline	Name
1.	Faculty of Engineering (Electrical & Allied)	Dr. J.S. Sonal, Principal LCET Katani Kalan
2.	Faculty of Engineering (Mechanical & Allied)	Dr. M.S. Grewal, Principal BSSSEC, Faislayah Sahib
3.	Faculty of Engineering (Civil & Architecture)	Dr. S.S. Bawa, Principal Chitkara Sch. Of Eng. & Arch., Rupnagar
4.	Faculty of Engineering (Textile & Fashioning)	Dr. B. Grosh, Head Deptt. Of Textile Engg., NIT, Jalandhar
5.	Faculty of Computer Science & Applications	Dr. Harsh Sadawarti, Vice Principal RMT-Mandigobindgarh.
6.	Faculty of Pharmacy & Allied	Dr. V.K. Kapoor, Principal GHGKC, Gurukul Sahib
7.	Faculty of Management	Dr. K.N.E. Kang, Director PCTE, Badhwal
8.	Faculty of Applied Sciences	Dr. A.K. Tyagi, Professor Deptt. Of Physics, SBSSET, Faridkot
9.	Faculty of Chemical Engg. & Biotechnology	Dr. M.S. Saini, Principal Guru Nanak Dev Engineering College, Ludhiana

Item No. 31.22 To approve adoption of guidelines for declaring an institution as Autonomous Institute under the Punjab Technical University

The Board desired that the AICTE guidelines for declaring institution as an autonomous may be circulated to all the members, BOG and the issue may be placed in the next meeting of the Board for deliberations.

Item No. 31.23 To consider amendment in Academic Regulations for re-appear examinations:

The Board took note of the amendment recommended by the Academic Council in its 31<sup>st</sup> meeting under item no. 31.15 and approved of the amendment as follows:

Existing Regulation	Amended Regulation
The examination duration for clearing all subjects of a particular course shall be twice the duration of the respective regular course. This would apply to all the regular courses. All regulations issued so far are hereby modified to make the above applicable. Whereas this would apply directly to the current students, the pass out students who have not able to clear their course with the maximum duration stipulated under the unamended regulations may now take additional chance (a) / examination (a) to clear their backlog.	The examination of reappear papers of odd semester will be held with regular examination of odd semester and reappear examination of even semester will be held with regular examination of even semester.  But, if a candidate is placed under reappear in the first & pre-final semester of the course, he / she will be provided a special chance prior to the next semester examinations so as to facilitate their placement & higher studies.

The Board also took note of the advice proffered by the legal Council of the University and approved the implementation of this amendment with effect from examinations to be held after May-June-2009.

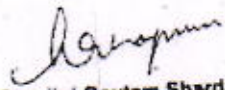
Item No. 31.24 Annual Meeting of the BOG

The Chairman fixed 18<sup>th</sup> March 2009 12.15 P.M. in C.S's Conference Room for the annual meeting of the BOG.

Item No. 31.25 To approve letter to Dr R.P. Singh to join as Vice Chancellor of Sharda University, Greater Noida

The Board took note of the appointment of Dr. R.P. Singh, Associate Dean of the PTU as Vice-Chancellor of Sharda University, Greater Noida. The Board members congratulated Dr. R.P. Singh for this elevation and also approved his letter to the University for a period of three years. The Board desired the Vice-Chancellor to place detailed proposal for inviting a consultant / senior person from the University etc. for the post of Dean (DEP) before the Board.

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

  
(Sarojini Gautam Sharda)  
Registrar

*Basic salary not changed.*

which are urgently required for day-to-day functioning of the University as well as for academic and administrative matters in the university.

It is proposed that the services of Dr. R.P. Gupta, Retd. Professor & Co-ordinator of Research, PAU, Ludhiana and Professor Rajesh Mathotra, Proctor & Chairman Guru Jambheshwar University of Science & Technology, Hisar may be engaged from their respective institutes for a period of one year. They will be paid as per norms of the University.

*Defuncted  
Fixed  
Continued*

The matter is placed before the Board for approval.

*Done by Secy  
of Reference  
Pay limits  
next time*

**Item No. 31.11 Revision of upper limit of rent of accommodation for the Vice-Chancellor and Registrar**

In the 15<sup>th</sup> meeting of the BOG under article 15.13 hiring of accommodation for the Vice Chancellor and Registrar PTU, the Board had approved the recommendation of the Committee and authorized the Chairman to approve the maximum rent that could be paid for hiring the accommodation for the VC and Registrar.

Subsequently the Chairman BOG was approached for the approval of maximum rent and authorization to VC for hiring the accommodation for the VC and the Registrar, PTU to maximum rent as authorized. The Chairman, BOG has approved the maximum upper limit for the VC is Rs. 16000/- P.M and for the Registrar Rs. 12000/- P.M subject to the assessment of the rent by the Executive Engineer, Prov. Dm. PWD, BR Branch Jalandhar Cantl., whichever is lower.

The maximum limit of the rent was fixed in the year 2004 and cost of rented accommodation has increased since then. As such it is very difficult to find out suitable accommodation within this prescribed limit for the VC and Registrar

It is proposed that maximum limit for the rented accommodation may be increased to Rs. 22000/- P.M for the VC and Rs. 18000/- P.M for the Registrar, so that suitable accommodation may be hired.

The matter is placed before the BOG for approval.

**Item No. 31.12 To brief about the construction of PTU Campus - Phase - II**

The construction work of Phase - I of the University has been completed and the University has shifted to its new campus. It is now proposed to carry out the construction of the following buildings under Phase - II:

Sr. No.	Building	Rough Cost Estimate
1.	Residence Type - I (50 Sqm) 18 Units	Rs. 1.58

*Approved*

*As per just ahead ->*  
*VC + Registrar*  
*Should have*  
*long*  
*discuss*  
*VIP question*  
*isolated*

2.	Residence Type - II (80 Sqm) 18 Units	Rs. 2.67
3.	Residence Type - III (100 Sqm) 18 Units	Rs. 3.27
4.	Residence Type - IV (120 Sqm) 06 Units	Rs. 1.52
5.	Residence Type - V (186 Sqm) 04 Units	Rs. 1.63
6.	VC Residency (372 Sqm)	Rs. 0.72
7.	Guest House 28 Rom + 2 VIP Suits	Rs. 3.30
8.	Convention Centre (Capacity 1200 (800+400))	Rs. 14.30
9.	Sport Complex	Rs. 3.43
	Total	Rs. 32.42

The estimated cost of the construction under Phase - II will be about Rs. 32.42 crores.

The matter is placed before the Board for information.

**Item No. 31.13:** To ratify B.Tech under distance education at PTU Gyan Jyoti School of TQM and Entrepreneurship, Mohali

**Background:** The PTU Gyan Jyoti School of TQM and Entrepreneurship, Mohali is a constituent unit of PTU in collaboration with the Gyan Jyoti Educational Society and the agreement between PTU and the said society was executed in the year 2003.

The school launched a B.Tech program in Industrial Engineering and Management with specialization in TQM. The scheme and syllabus of the said B.Tech program was approved by the university in March 2005. The school started the programme in December 2005.

The University through the notification issued by the then Registrar on November 18, 2005 approved the program under distance education. The PTU nominee on the Board of school is the Dean Academics and all matters related to the said school is dealt by the Department of Academics.

The school has desired that the University issue a notification stating that the said B.Tech program is under distance education and it is approved by the Distance Education Council, IGNOU. As per Government of India Notification No. 44 issued in the year 1995, programs run under distance education are to be approved by the DEC of IGNOU for the qualifications to be recognized for superior posts and services under the Central Government. The PTU has got all its programs run under distance education approved ex-post facto by the DEC of IGNOU in the year 2007 provisionally for one year and the proposal for extension is already submitted to DEC and the reply is awaited.

Since, B.Tech was not started under the charter of distance education, the approval of B.Tech was not solicited by the DEC-IGNOU. However, as per the approval of DEC-IGNOU communicated to the university, all programs which are approved by the statutory Board of the university were granted approval under distance education.

*Signature*

# **ANNEXURE-F**



**A. N. Chowdhry**  
Chief Engineer (Construction)

**PTU** PUNJAB  
TECHNICAL  
UNIVERSITY

ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਜਲੰਧਰ

Ref. No. PTU/cont/SBC Meet/261-266/8574

Date: 24-10-06

To

- (i) Sh. N.S. Kalsi, IAS, Director, IT, Govt. of Punjab, Punjab Infotech Corporation, 5-6 floor, Udyog Bhawan, Sector 17-D, Chandigarh.
- (ii) Dr. R.S. Khandpur, Director general, Pushpa Gujral Science City, SCO 60-61, 3<sup>rd</sup> Floor, Sector 34, Chandigarh.
- (iii) Sh. Chandra Mohan, # 202, Sector 36-A, Chandigarh.
- (iv) Sh. S.L. Kaushal, Advisor (Architecture), 2865, Sector 42-C, Chadigarh.
- (v) Dr. M.S. Grewal, PTU, Jalandhar.

**Subject:** Eleventh Meeting of the Standing Building Construction Committee.

Dear Sir

Kindly refer to this office letter no. PTU/Reg/8534 dt.23 October 2006, vide which the meeting mentioned in the subject cited above has been fixed to be held on 30<sup>th</sup> October, 2006 at 1215 hours, under the chairmanship Sh. P. Ram IAS, Principal Secretary, Technical Education Punjab in his office in Mini Secretariat, Sector-9, Chandigarh.

A copy the Agenda note is enclosed for you perusal please.

Yours sincerely

*A. N. Chowdhry*  
Chief Engineer

CC: P.S. to Principal Secretary, Technical Education, Govt. of Punjab for the kind information of the Principal Secretary



Prof. (Dr.) M.S. Grewal  
Registrar

**PTU**

**PUNJAB  
TECHNICAL  
UNIVERSITY**

44/2

ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਜਲੰਧਰ

Ref. No. PTU/Reg/18534

Date 23 04 06

To

- (i) Sh. N. S. Kalsi, IAS, Director, IT, Govt. of Punjab, Punjab Infotech Corporation, 5-6 floor, Udyog Bhawan, Sector 17-D, Chandigarh.
- (ii) Dr. R. S. Khandpur, Director General, Pushpa Gujral Science City, SCO 60-61, 3<sup>rd</sup> Floor, Sector 34, Chandigarh.
- (iii) Sh. Chandra Mohan, # 202, Sector 36-A, Chandigarh.
- (iv) Sh. S. K. Kaushal, Advisor (Architecture), 2865, Sector 42-C, Chandigarh.
- (v) Sh. A. N. Chowdhry, Chief Engineer, P.T.U, Jalandhar

**SUBJECT : Eleventh Meeting of the Standing Building Construction Committee.**

Dear Sir

Eleventh Meeting of the Standing Building Construction Committee shall be held under the Chairmanship of Sh. P. Rain, IAS, Principal Secretary, Technical Education Punjab on 30.10.2006 at 1215 hrs in his office in Mini Secretariat, Sector 9, Chandigarh. Agenda points for the meeting are enclosed.

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

Yours sincerely

**REGISTRAR**

**CC:** PS to Principal Secretary, Technical Education, Govt. of Punjab for information of the Principal Secretary.

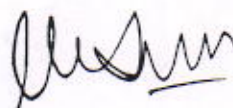
**Enclosed :** as above.

44/3

**Punjab Technical University, Jalandhar**

**SUBJECT :**      **Agenda for the 11<sup>th</sup> meeting of the Standing Building Construction Committee.**

- Agenda Item 11.1**      Progress of Construction of Buildings of Phase-I.
- Agenda Item 11.2**      To approve Tender of Construction Service Blocks.
- Agenda Item 11.3**      To approve Tender of Air Conditioning works.
- Agenda Item 11.4**      Approval of PH (Split) Tender Document.
- Agenda Item 11.5**      To review status of design of Phase-II Buildings and to deliberate on further action.
- Agenda Item 11.6**      Any other point with the permission of the Chair.

  
(Dr. M. S. Grewal)  
Registrar

1

44/4

## PUNJAB TECHNICAL UNIVERSITY- JALANDHAR

**SUBJECT :** Agenda note for 11<sup>th</sup> meeting of standing building construction committee

**Item No. 11.1**      **To brief on the construction work of PTU campus at Kapurthala site.**

The construction work of Administration Building of the University, commenced in Feb.- 2006 is progressing. The slab at First Floor level of the Four Storey Front Block stands laid and shuttering of the slab at Second Floor level is in progress. In the Rear Eight Storey Block, slab at the Ground Floor (over the Basement) is being laid.

Regarding NOC of Boundary Wall from PUDA, the case has been received back by CTP from the Govt. in Housing and Urban Development Dept. with the remarks that NOC be issued by charging fee for the approval of the Building Plans (about Rs. 16.00 lacs).

Regarding External services the Electrical Work stands awarded in this month and Tender of AC Works is being put up to the Committee for approval as separate Agenda Item.

For PH Works no tenders were received and as approved by the Committee the work is being re-tendered after splitting it up in groups and tender papers are being put up for approval as separate Agenda Item.

Tenders of the Service Block have been received and are being put up as separate Agenda Item for approval.

It is for the information of the Committee that foundation stone of PTU CAPARO School of Excellence in Material Management in 10 Acres plot in the University Campus has been laid. It has been decided that the School shall independently construct boundary wall on four sides, PH & Electrical Systems.

**Item No. 11.2 To approve tender of construction of Service Block.**

The scope of Service Block includes construction of the following.

1. Building would house the LT Panels, the Boilers and the Pump room as indoor services complete with electrical connections. The covered area of the block is about 245.00 sqm.
2. The transformers (3 in number), DG sets (3 in number) and AC chiller units (3 in number) are to be housed on a paved area in a yard outside the building. The area of the yard is approximately 613 sqmetres. The works in the yard include providing foundations both for electrical and air conditioning equipment along with trenches for electrical cables and paving in the open area.
3. Boundary Wall and the gate has been provided for security purposes.

The detailed estimate and tender document for the construction of Service Block stands approved Rs. 40,43,900/- vide reference no. PTU/const/S.Block-01/182-84/3712-3714 dated 10-08-06 after approval of the standing Building Construction Committee.

Tenders were invited from the agencies enlisted in appropriate categories with CPWD/MES/U.T. Administration Chandigarh and Punjab/Haryana PWD B&R through press. The following 4 no. agencies purchased the blank tender documents.

1. M/s IVRCL infrastructures & Project Ltd. Hyderabad.
2. M/s Star Construction Co. G.T. Road Jandiala Guru (Amritsar)
3. M/s Build India construction co. Friends Colony Jalandhar
4. M/s T.P Bansal Ex co. 58 Golden Avenue -I Jalandhar.

Out of the four agencies to whom the tenders were issued, three agencies namely M/s Star Construction Co., M/s IVRCL and M/s T.P. Bansal & co. submitted the tenders on 07-09-06 which were opened by a committee constituted for this purpose. Copies of the commercial bid of the tenders were sent to M/s Archigroup, the Architects for evaluation vide reference no. PTU/XEN/ S. Block/221-222/6071 dt. 08-09-06.

M/s Archigroup submitted the evaluation report vide their reference no. AA(R)\PTU\1964 dt. 27-09-06. (Annexure-A page 9) As per the evaluation report, the rates of M/s Star Construction Co. are the lowest and the amount of the tender is reported as Rs.

38,87,237/- giving an excess of 3.35% over the estimate of Rs. 37,61, 245/-. M/s Archigroup recommended for negotiations with M/s Star construction co. on the rates offered by them so that the contract can be concluded

Negotiation committee was constituted vide PTU reference no. PTU/Reg/office order/213/965 dt.06-10-06 with the following members:-

1. Sh. A.N. Chowdhry Chief Engineer PTU.
2. Sh T.L.Dhall Executive Engineer PTU.
3. Sh. Varinder Kanwar Lecturer PTU.

M/s Star Construction Co. were invited for negotiation on 06-10-06 at 11.00 hrs. and the committee conducted negotiations with Sh. Baljeet Singh, the representative of M/s Star Construction Co. They offered an additional rebate of 1% on all the quoted rates (rebate offered in the tender is 6% on the rate of civil items). He did not agree to reduce the rates any further. With the total rebates of 7%, the cost of the work as per the rates quoted by M/s Star Construction Co now works out as under:-

1.	Total Estimated cost	=	Rs. 37,61,245/-
2.	Total Quoted amount	=	Rs.40,52,726+77,675/-
		=	Rs. 41,30,401/-
3.	Total Quoted rebate on item no.2 above	=	Rs. 2,89,128/-
4.	Not quoted rate (2-3)	=	Rs. 38,41,273/-
		=	Rs. (38,41,273-37,61,245)
5.	Excess over the sanctioned estimate (4-1)	=	Rs. 80,028/- (i.e.2.13%)

Validity of the tender is upto 06-12-2006.

The committee may approve the Tender so that work is awarded.

#### **Item No 11.3 To approve Tender of Air Conditioning Works.**

##### **The following were present :-**

Detailed estimate of the work amounting to Rs. 4,40,06,855.00 stands approved by the Standing Building Construction Committee. Provision in the approved detailed estimate for the tendered work is for Rs. 4,22,81,760.00. Tender documents and Pre-qualification of contractors also stands approved by the committee. Accordingly tenders were invited from Five pre-qualified contractors. However four contractors obtained tender

documents. Pre-bid meeting was held on 06-09-09 under the Chairmanship of Dr. R.S. Khandpur in his office at Chandigarh when representatives of all the four Agencies participated. Tenders were received on 15-09-06 from the Agencies given below:-

1. M/s Airef Engineer (P) Ltd. Delhi.
2. M/s Suvidha Engineers India Ltd. Noida.
3. M/s ETA Engineering Private Ltd. Noida.
4. M/s Voltas Ltd., Chandigarh.

When Technical Bids were opened on 15-09-06 it was found that M/s ETA Engineering had not submitted earnest money of Rs. 2.00 lacs. Photocopies of the Technical Bids were forwarded to M/s Archigroup for processing vide Executive Engineer letter no. PTU/XEN/AC/230-232/7070 dated 18-09-06. Meeting for Equalization of conditions for the tender was held under the Chairmanship of Dr. R.S. Khandpur, D.G, PGSC in his office at Chandigarh on 26-09-06 when representatives of all the four Agencies participated. The committee decided that tender of M/s ETA be rejected, being not supported with earnest money, specifications given in the tender document be strictly adhered to, conditional bids are not acceptable and undertakings be obtained from the Agencies regarding these decisions. Representatives of the remaining three Agencies agreed and promised to submit their undertakings by 29-09-06. The Agencies were informed that date and time of opening of commercial bids shall be communicated to them

On receipt of undertakings mentioned above, Agencies were informed by the Executive Engineer vide his reference no. PTU/XEN/AC-12/266-270/8325 dated 03-10-06 that commercial bids shall be opened on 10-10-06 in PTU, Jalandhar.

Accordingly commercial bids were opened on 10-10-06 in the presence of the Representatives of all the three Agencies. Photocopies of the bids were forwarded by the Executive Engineer vide his reference no. PTU/XEN/AC/276/8418 dated 10-10-06 to M/s Archigroup for evaluation.

M/s Archigroup submitted the Evaluation Report vide their Ref.No. AA(R)/PTU/1979 dated 17-10-06, (Annexure-B page 13) before the committee through their representative Sh. Sunil Gupta. It was reported that the checked value of the quoted amounts is as under :-

i)	M/s Suvidha Engineers India Ltd	=	Rs. 4,07,98,501.00
ii)	M/s Aref Engineer (P) Ltd.	=	Rs. 4,45,98,980.00
iii)	M/s Voltas Ltd	=	Rs. 4,27,27,101.00

Recommendations of M/s Archigroup are :-

- i) The offer of M/s Suvidha Engineers India Ltd. is complete in all respects and the amount quoted by them is the lowest.
- ii) The quoted by M/s Suidha Engineers India Ltd. is within the approved estimated cost and is lower by 3.50%.
- iii) It is recommended that the work be awarded to M/s Suvidha Engineers India Ltd. at their quoted amount as under:  
Euro : 1,85,000.00 + INR (Rs.) 2,96,98,501.00

Tender Evaluation committee with the recommendation of M/s Archigroup and recommended the approval of the tender. (Minute Annexure-C page 15)

The committee may approve the tender so that work is awarded.

#### **Item No. 11.4 Approval of PH (Split) Tender Documents.**

Tender documents for an amount of Rs. 1.35 crores were approved in 9<sup>th</sup> meeting of the Committee. Only two agencies out of the five agencies who applied for pre-qualification were considered suitable. Since the number was inadequate it was decided to split the work in following three parts in the 10<sup>th</sup> meeting of the Committee.

- (i) Providing Water Supply, Fire Protection System, Rs. 72.84 lacs  
Pumps & Allied Works and Tube Wells.
- (ii) Providing Sewerage & Rainwater Harvesting Rs. 43.77 lacs
- (iii) Construction of underground Water Tank & Pump Room (Civil Work) Rs. 33.47 lacs

Accordingly Architects have supplied tender documents for Rs. 70.00 lacs, Rs. 40.00 lacs & Rs. 31.00 lacs respectively for the above said works. All the terms & conditions of Vol.-I are same as approved in the case of original documents except that following major conditions have been changed to suit the lesser quantum of work and smaller local contractor.

Sr. No.	Description	As per Composite Tender	As per Split Tender
1.	Eligibility of Contractors	Rpe-qualification	Enlistment of PWD, PUDA, HUDA, CPWD, MES & BRO
2.	Earnest Money	Rs. 2.00 lacs	2% of the Tender amount
3.	Time Period	12 months	9 months
4.	Insurance of Work	Comprehensive Project Insurance, Third Party, Public Liability and Property Damages	Third Party and Public Liability
5.	ESI	Clearance from appropriate authority	Deleted
6.	Time Schedule	Demanded	Deleted
7.	Pre bid conference	Proposed	Not proposed
8.	Mobilization Advance	Rs. 10.00 lacs	NIL
9.	Service Tax	No mention	To be paid if applicable
10.	Work contract tax for evaluation of Extra Item Rate	To be paid extra	Not to be paid
11.	Base Rates of Materials	Fixed for Cement & Steel	Omitted
12.	Payment Schedule	Proposed	Omitted

Volume-II (Technical Specifications) and Volume-III (BOQ) have also been split up accordingly.

The Committee may approve the documents.

**Item 11.5**

**To review status of design of Phase-II Buildings and to deliberate on further action.**

On the recommendation of Finance Committee, BOG in 22<sup>nd</sup> meeting approved the construction of following buildings (Agenda Item No. 22.3) and proposal of working out detailed design & construction drawings was approved. It was further decided that proposal for further action may be considered by the Standing Construction Committee.

(i)	Sports Track (Part of Sports Stadium)	Rs. 1.0 Cr.
(ii)	Guest House	Rs. 1.5 Cr.
(iii)	Convention Centre / Technology Park	Rs. 8.0 Cr.
(iv)	Type-II Residences (Essential Services & Key Personals) 80 Sqm – 75 units	Rs. 6.45 Cr.
	<b>Total</b>	<b>Rs. 16.95 Cr.</b>

Accordingly Architects were requested to design buildings at Sr. No. (i) to (iii). Regarding Residential Units it was decided at University level that some units of all Type be taken up as under for which Architects were requested :

- |     |                             |   |         |
|-----|-----------------------------|---|---------|
| (a) | Type-I (540 Sq. ft.)        | - | 16 Nos. |
| (b) | Type-II (860 Sq. ft.)       | - | 20 Nos. |
| (c) | Type-III (1075 Sq. ft.)     | - | 20 Nos. |
| (d) | Type-IV (1400 Sq. ft.)      | - | 06 Nos. |
| (e) | Type-V (2750 Sq. ft.)       | - | 04 Nos. |
| (f) | Vice-Chancellor's Residence |   |         |

Design & drawings were submitted by the Architects and considered by the Sub Committee in various meetings. Present position after incorporating the suggestions of the Sub Committee is as under :

**(i) Sports Track :**

Design of the Stadium has been approved. It consists of Sports Track (8 Tracks) with Football Ground, Two Courts of each Basketball, Badminton, Volleyball & Tennis and Terminal Building. Preliminary Estimate amounting to Rs. 3.12 Cr. has been received. Cost Tracks & Grounds included in the estimate is Rs. 1.06 Cr.

**(II) Guest House**

Design with 20 rooms & 2 suits with covered area of 2044 sqm has been approved by the Sub Committee. Preliminary estimate amounting to Rs. 2.42 lacs has been received. There is a provision of elevator (lift), Air Conditioning & scope for future expansion for 8 rooms on third floor.

**(iii) Convention Centre**

Sub Committee has approved the design of Convention Centre with 1500 seats Auditorium, a Seminar Hall for 200, a Banquet Hall and a Committee Room. The Committee has, however, decided that Architects may await formal approval of the University before proceeding further. Tentative cost is likely to be Rs. 13.50 Cr.

**(iv) Residences**

Design of following types of Residences have been approved by the Sub Committee:

Type	Area (Sq. m)	Number	Tentative Cost (Rs. Crores)
I	50	16	1.28
II	80	20	2.70
III	100	20	3.30
IV	120	06	1.38

Position regarding other residences is :

- Type V – 200 Sq. ft. – 04 Nos, plans for an area of 2750 Sq. ft. were discussed. Architects have been directed to revise the plans for an area of 2000 Sq. ft., tentative cost of which is Rs. 1.48 Cr.
- VC's Residence- Plans yet to be submitted. Tentative cost for 4000 Sq. ft area may be Rs. 0.65 Cr.

Committee may approve :

- Preliminary Estimates of Stadium & Guest House.
- Design of Convention Centre.
- Further action regarding construction of Phase-II Buildings.

**EVALUATION REPORT FOR THE  
CONSTRUCTION OF SERVICE BLOCK  
PUNJAB TECHNICAL UNIVERSITY - JALANDHAR**

**1. Scope of contract and estimated cost:**

- 1.1 The work covered under this bid is for the construction installation, testing and commissioning of Service Block on a plot of land measuring 70 acres approximately on Jalandhar - Kapurthala Highway for the new campus of the Punjab Technical University.
- 1.2 Civil works and internal electrical have been included in the current bid.
- 1.3 The estimated cost of the works is Rs. 3,761,245 lakhs excluding all taxes.

**2. Bid invitation process:**

The bidding documents were made available for sale from August 21<sup>st</sup> 2006 and 3 bidders (names given below) had bought the documents:

- (1) M/s. Star Const. Co, Jandiala Guru, Amritsar.;
- (2) M/s. IVRCL - I & P, Ltd, Hyderabad.;
- (3) M/s. T.P.Bansal & Co.58, Golden Avenue Phase -I, Jalandhar
- (4) M/s Build India Construction Company, 50/7 Friends Colony, Opp. DAV College, Jalandhar.

**3. Bid response:**

- 3.1 Bids were received from the following three bidders, namely:

- (1) M/s Star Const Co ;
- (2) M/s IVRCL. and
- (3) M/s. T.P.Bansal & Co .

- 3.2 No bids were received late nor were any bids returned unopened.

**4. Bid opening:**

- 4.1 The bids were opened on September 7<sup>th</sup> 2006 at 1530 hours as stipulated. The bidders' representatives attended the bid opening.
- 4.2 Table of Bid prices as mentioned in the offers and read out at the time of bid opening are as follows:

Amounts in Rs.

SL No	Name of Bidder	Bid Price (Rs.)	Remarks
1	M/S Star Const. Co	38,88,237/-	6% discount offered on civil items
2	M/S IVRCL	4,155,751/-	No discount offered
3	M/s. T.P.Bansal & Co	Not Written	No discount offered

### 5. Examination of bids:

- 5.1 The bids have been examined based on the hard-copies of the bids from the respective bidders handed over to the architects.
- 5.2 Arithmetical errors: Arithmetical errors have been noticed in Star Consultant bid. The total amount of M/s Star Const. Co works out to Rs. 38,87,237/- against their calculation of Rs. 38,88,237/- indicating a difference of Rs. 1,000/-. While TP Bansal and Co had not given any calculated amounts in their offer, the calculations of M/s IVRCL are OK.
- 5.3 The detailed Comparative cost analysis is attached with this note.
- 5.4 Following is the table showing the comparison of prices between the computed amounts and the detailed estimated amounts.

SUB HEAD	DESCRIPTION	AMOUNT AS/ESTIMATE	T.P. BANSAL	IVRCL	STAR CONST
SECTION A	CIVIL WORK	Rs. 3,674,253.91	3,996,289.60	4,050,414.00	3,809,562
SECTION B	ELECTRICAL WORK	Rs. 86,991	93,230	105,337	77,675
	TOTAL	Rs. 3,761,245.11	4,089,519.60	4,155,751.00	3,887,237

- 5.5 The rates given by M/s T.P. Bansal, M/s IVRCL and M/s. Star Const. are 8.73 %, 10.49% and 3.35% higher than the estimated cost respectively.
- 6 The quotation of M/s Star Const. is the lowest.
- 6.0 **Recommendation:**
- 6.1 It is recommended that the offer of M/s IVRCL and M/s T.P Bansal may be rejected and the PTU should negotiate the prices offered by M/s Star Const. so that the contract can be concluded.

Kajiv Aggarwal, Archigroup Architects (R)  
September 26, 2006

*Signature*

## ABSTRACT OF COST

**Name of Project :** Construction of Service Block at PTU Site, Jalandhar , Punjab.

**Name of Work :** Civil and Electrical Work

SUB HEAD	DESCRIPTION	AMOUNT AS/ESTIMATE	T.P. BANSAL	IVRCL	STAR CONST:-
SECTION A	CIVIL WORK	Rs. 3,674,253.91	3,996,289.60	4,050,414.00	3,808,562
SECTION B	ELECTRICAL WORK	Rs. 86,991	93,230	105,337	77,675
	TOTAL	- Rs. 3,761,245.11	4,089,519.60	4,155,751.00	3,887,237

% higher than the estimated cost

8.73

10.49

3.35

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**SUMMARY OF BILL OF QUANTITIES (CIVIL WORK)**

Name of Project : Construction of Service Block at PTU Site, Jalandhar, Punjab.  
Includes relevant cost  
Index for DSR items

SUB HEAD	DESCRIPTION	Estimate AMOUNT	TP BANSAL		INCL AMOUNT	STAR CONST	
			AMOUNT	AMOUNT		AMOUNT	AMOUNT
Sub-Head - No. I	Earth Work	Rs. 182,942.02	183,845.00	128,723.00	138,400.00		
Sub-Head - No. II	Concrete Work	Rs. 370,730.42	415,200.00	392,200.00	384,200.00		
Sub-Head - No. III	R.C.C. Work	Rs. 1,871,744.34	2,150,216.00	2,117,590.00	2,230,665.00		
Sub-Head - No. IV	Brick Work	Rs. 587,882.35	541,800.00	634,980.00	594,050.00		
Sub-Head - No. V	Stone Work	Rs. 0.00	0.00	0.00	0.00		
Sub-Head - No. VI	Marble Work	Rs. 0.00	0.00	0.00	0.00		
Sub-Head - No. VII	Wood Work	Rs. 24,772.75	36,140.00	21,336.00	26,090.00		
Sub-Head - No. VIII	Steel Work	Rs. 129,085.89	150,864.00	154,862.00	146,224.00		
Sub-Head - No. IX	Flooring Work	Rs. 116,826.13	118,372.00	114,054.00	125,925.00		
Sub-Head - No. X	Finishing	Rs. 233,152.37	240,153.60	300,163.00	278,372.00		
Sub-Head - No. XI	Water Proofing	Rs. 160,178.19	183,200.00	170,904.00	138,000.00		
Sub-Head - No. XII	Miscellaneous Work	Rs. 18,939.43	18,400.00	17,530.00	9,800.00		
		3,974,283.91	3,998,288.60	4,050,414.00	4,062,726.00		
		Offer after 8% rebate offered by M/s STAR CONST					
						3,809,562	

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October 17, 2006

**REPORT ON THE EVALUATION OF TENDERS FOR THE CENTRAL AIR CONDITIONING WORKS TO BE PROVIDED FOR ADMINISTRATION BUILDING IN NEW CAMPUS OF PUNJAB TECHNICAL UNIVERSITY**

**1. General**

1.1 Tenders for the above were received from the following tenderers:

- i. M/s Suvidha Engineers India Ltd.
- ii. M/s Airef Engineers Pvt. Ltd.
- iii. M/s Voltas Limited
- iv. M/s ETA Engineering Pvt. Ltd.

1.2 The tender of M/s ETA Engineering was not accepted as they not submitted the EMD. The PRICE BIDS of the remaining 3 Nos. tenderers were accepted and opened.

**2. Observations**

- 2.1 All the tenderers have quoted for all the items and their tenders are complete.
- 2.2 It is observed that there are minor discrepancies in the amount quoted by all the tenderers.
- 2.3 The details of the estimated cost, quoted and adjusted amounts are as given under:

S. No.	Name of Tenderer	Quoted Amount (Rs.)	Adjusted Amount (Rs.)
1.	Estimated cost	4,22,81,760/-	4,22,81,760/-
2.	M/s Suvidha Engineers India Ltd.	4,09,15,500/-	4,07,98,501/-
3.	M/s Airef Engineers Pvt. Ltd.	4,45,99,280/-	4,45,98,980/-
4.	M/s Voltas Limited	4,27,38,571/-	4,27,27,101/-

**3. Recommendation**

- 3.1 The offer of M/s Suvidha Engineers India Ltd. is complete in all respects and the amount quoted by them is the lowest.
- 3.2 The amount quoted by M/s Suvidha Engineers India Ltd. is within the approved estimated cost and is lower by 3.50%.
- 3.3 It is recommended that the work be awarded to M/s Suvidha Engineers India Ltd. at their quoted amount as under:  
Euro : 1,85,000.00 + INR (Rs.) 2,96,98,501.00

gupta consultants &amp; associates

(Sunil Gupta)

Project : Central Air Conditioning Works for Punjab Technical University, Jalandhar (Punjab)

SUMMARY OF COMPARATIVE STATEMENTS

		As per Estimate Amount (Rs.)	Suvidha Engineers Amount (Rs.)	Alref Engineers Amount (Rs.)	Vollas Ltd. Amount (Rs.)
1	Part 'A' : Imported Equipment Schedule	Rs. 1326477.00	11835000.00	11835000.00	12016000.00
2	Part 'B' : Equipment	Rs. 8117338.00	8117338.00	11071200.00	8888812.00
3	Part 'C' : Air Distribution	Rs. 7644888.00	7644888.00	7644888.00	8888888.00
4	Part 'D' : Piping	Rs. 4657764.00	5962295.00	6457764.00	9657764.00
5	Part 'E' : Insulation	Rs. 3367360.00	4032105.00	3262350.00	4051332.00
6	Part 'F' : Electrical Works	Rs. 4155165.00	4184652.00	4606500.00	3962510.00
7	Part 'G' : Civil Works	Rs. 300000.00	Included above	Included above	Included above
	<b>GRAND TOTAL (A+B+C+D+E+F+G)</b>	<b>Rs. 42281760.00</b>	<b>40798501.00</b>	<b>44598880.00</b>	<b>42727101.00</b>
	<b>Quoted Amount</b>	<b>(Rs.) -</b>	<b>40915500.00</b>	<b>44589290.00</b>	<b>42738571.00</b>

*[Signature]*

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## PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

Dated 19-10-06

**Subject :** Minutes of the Sub Committee for Tender Evaluation of Central Air Conditioning Works of PTU, held under the Chairmanship of Dr. R.S.Khandpur, Director General, PGSC, Chandigarh in his office on 18-10-06

**The following were present :-**

- i) Dr. M.S. Grewal, Registrar, PTU, Jalandhar
- ii) Sh. N.S.Bhatia, Advisor, Electrical, PTU, Jalandhar
- iii) Sh. A.N.Chowdhry, C.E., PTU, Jalandhar
- iv) Sh. Sunil Gupta, Consultant A/C, M/s Archigroup, Delhi.
- v) Sh. P.S. Saini, Executive Engineer, Bio-Medical, Division, PGI, Chandigarh.
- vi) Sh. T.L. Dhall Executive Engineer, PTU Jalandhar

Detailed estimate of the work amounting to Rs. 4,40,06,855.00 stands approved by the Standing Building Construction Committee. Provision in the approved detailed estimate for the tendered work is for Rs. 4,22,81,760.00. Tender documents and Pre-qualification of contractors also stands approved by the committee. Accordingly tenders were invited from Five pre-qualified contractors. However four contractors obtained tender documents. Pre-bid meeting was held on 06-09-09 under the Chairmanship of Dr. R.S.Khandpur in his office at Chandigarh when representatives of all the four Agencies participated. Tenders were received on 15-09-06 from the Agencies given below:-

- i) M/s Airef Engineer (P) Ltd.
- ii) M/s Suvidha Engineers India Ltd.,
- iii) M/s ETA Engineering Private Ltd,
- iv) M/s Voltas Ltd., Chandigarh.

When Technical Bids were opened on 15-09-06 it was found that M/s ETA Engineer Pvt. Ltd., Noida had not submitted earnest money of Rs. 2.00 lacs. Photocopies of the Technical Bids were forwarded to M/s Archigroup for processing vide Executive Engineer letter no. PTU/XEN/AC/230-232/7070 dated 18-09-06. Meeting for Equalization of conditions for the tender was held under the Chairmanship of Dr. R.S.Khandpur, D.G, PGSC in his office at Chandigarh on 26-09-06 when representatives of all the four Agencies participated. The committee decided that tender of M/s ETA be rejected, being not supported with earnest money, specifications given in the tender document be strictly adhered to, conditional bids are not acceptable and undertakings be obtained from the Agencies regarding these decisions. Representatives of the remaining three Agencies agreed and promised to submit their undertakings by 29-09-06. The Agencies were informed that date and time of opening of commercial bids shall be communicated to them

On receipt of undertakings mentioned above, Agencies were informed by the Executive Engineer vide his reference no. PTU/XEN/AC-12/266-270/8325 dated 03-10-06 that commercial bids shall be opened on 10-10-06 in PTU, Jalandhar.

Accordingly commercial bids were opened on 10-10-06 in the presence of the Representatives of all the three Agencies. Photocopies of the bids were forwarded by the Executive Engineer vide his reference no. PTU/XEN/AC/276/8418 dated 10-10-06 to M/s Archigroup for evaluation.

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ii)	M/s Aired Engine (P) Ltd.	=	Rs. 4,45,98,980.00
iii)	M/s Voltas Ltd	=	Rs. 4,27,27,101.00

Recommendations of M/s Archigroup are :-

- i) The offer of M/s Suvidha Engineers India Ltd. is complete in all respects and the amount quoted by them is the lowest.
- ii) The quoted amount by M/s Suidha Engineers India Ltd. is within the approved estimated cost and is lower by 3.50%.
- iii) It is recommended that the work be awarded to M/s Suvidha Engineers India Ltd. at their quoted amount as under:  
Euro : 1,85,000.00 + INR (Rs.) 2,96,98,501.00

On enquiry by the Chairman, ShSunil Gupta informed that the tendered rates of no items are either exceptionally high or exceptionally low

The committee concurs with the recommendation of M/s Archigroup and recommends the approval of the tender.



**A. N. Chowdhry**  
Chief Engineer (Construction)

**PTU**

**PUNJAB  
TECHNICAL  
UNIVERSITY**

ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਜਲੰਧਰ

Ref. No. PTU/Engg./S.C.C. Head/ 875-285 /8849

Date : 3-11-06

To

- i) Dr. R.S. Khandpur, Director General, Pushpa Gujral Science City, Chandigarh.
- ii) Sh. N.S. Kalai, IAS, Director, IT., Govt. of Punjab, 5-6 Floor, Udyog Bhawan, Sector 17-D, Chandigarh.
- iii) Dr. V.K. Arora, Registrar, PTU, Jalandhar
- iv) Sh. Chandra Mohan, H.No. 202, Sector 36-A, Chandigarh.
- v) Er. P.S. Saini, Hospital Engineer, Biomedical Division, H.No. 3263, Sector- 24D, Chandigarh.
- vi) Sh. S.L. Kaushal, Advisor (Architecture), PTU, 2865, Sector 42-C, Chandigarh.
- vii) Sh. A.N. Chowdhry, Chief Engineer, (Construction) PTU, Jalandhar
- viii) Sh. T.L. Dhall, Executive Engineer, PTU, Jalandhar

Subject : Minutes of the Eleventh meeting of the Standing Building Construction Committee held under the Chairmanship of Sh. P. Ram (IAS), Principal Secretary, Technical Education Deptt., Chandigarh in his office on 31-10-06.

Dear Sir

Please find enclosed herewith the minutes as mentioned in subject cited above for your kind information.

Yours sincerely

  
Chief Engineer

CC :

- i) Sh. S.K. Mishra, COF, PTU, Jalandhar
- ii) Sh. Ekonkar Singh, Project Officer (Construction), PTU, Jalandhar.
- iii) M/s Archigroup Architects 5/304, Sikka Complex, Preet Vihar Community Centre, Vikas Marg, Delhi along with copy of the Minutes and Agenda of the meeting for information and necessary action.

50/2

**PUNJAB TECHNICAL UNIVERSITY, JALANDHAR**

**Minutes of the 11<sup>th</sup> meeting of the Standing Building Construction Committee held under the Chairmanship of Sh. P. Ram IAS Principal Secretary, Technical Education Punjab in his office at Chandigarh on 31/10/06.**

**Present :-**

- (1) Dr. R.S. Khandpur D. G. P.G.S.C.
- (2) Dr. M.S. Grewal Registrar, PTU
- (3) Sh. A.N. Chowdhry, Chief Engineer PTU
- (4) Sh. S.L. Kaushal, Advisor (Architecture) PTU
- (5) Sh. P.S. Saini, Hospital Engineer, Biomedical division PGI, Chandigarh
- (6) Sh. T.L. Dhall, Executive Engineer, PTU

**Item No. 11.1- Progress of Construction of Buildings of Phase I**

The Committee was informed that initial delay of three months in the construction is continuing though the pace of execution has picked up. The Committee expressed its concern of the initial delay. However the members were satisfied with the current pace of work. The Chairman directed the Registrar and the Chief Engineer to take measures to expedite the progress of work to complete the project in the target time frame. The committee also desired that all legal requirements of issuing notices to the contractor be complied with.

The Committee was informed that the authorities of PTU CAPARO School of Excellence in Material Management are themselves constructing the compound wall around their 10 acres plot along with independent electrical and Public Health services for their campus. The scope of work of the construction of boundary wall and other services will decrease because of this which was approved by the committee.

Regarding NOC for Boundary Wall from PUDA, the Executive Engineer informed that Chief Town Planner has forwarded the case to the senior Town Planner Jalandhar with the remarks that NOC be issued by changing fee for the approval of the building plans (about Rs. 16.00 Lacs) though the University has moved the Govt. for exemption of the fee. It was decided that fee may be paid.

**Item No. 11.2: To approve Tender of Construction of Service Block:**

The Committee approved the tender and award of work as recommended by the sub committee

**Item No. 11.3: To approve Tender of Air-conditioning Works.**

The Registrar informed that Punjab Technical University has been registered with the Department of Science and Industrial Research (DSIR) Govt. of India for the purpose of availing custom duty exemption which is valid upto 31.08.2009 and for the import of chillers LC Shall be opened by the University in order to avail of exemption on import duty which will be quite substantial.

The committee approved the tender and award of work as recommended by the subcommittee.

50/3

**Item No. 11.4: Approval of PH (Split) Tender Documents**

Documents approved.

**Item No. 11.5: To review status of design of Phase II Buildings and to deliberate on further action.**

The committee reviewed the status of design of Phase II Buildings as brought out in the agenda. The Registrar informed that the Master Plan stands frozen and money would not be a constraint for taking up construction of Phase II Buildings in a planned manner. The committee decided that the University may work out a Schedule for the construction of the Buildings. It was also informed that the Architects have done work up to stage II of the contract agreement with them i.e. preparation of rough cost estimates for the works of Houses (type I, II, III, & IV), Guest House, Sport track and the Convention Centre. The committee approved the same and decided that work of the architects for the Phase II buildings should be frozen for the time being and the architects may be paid accordingly.

**Item No. 11.6: Any other Point**

Sh. A.N. Chowdhry informed the committee that four no lifts are to be installed in the under construction Administrative Building. Tenders were floated through press for pre-qualification of Agencies and the last date of receipt of applications was fixed as 10-10-06. Due to poor response the date was extended to 10-10-06 by which applications were received from the following four agencies:-

1. M/s Omega Elevators New Delhi.
2. M/s Orbis Elevator Co. Ahmedabad
3. M/s Johnson Lifts Pvt Ltd New Delhi.
4. M/s Thyssen Krupp Elevators Pvt Ltd New Delhi.

None of the reputed agencies like OTIS and KONE have shown any interest inspite of the fact that they were notified through fax and requested on telephone. In the adjoining Science City, though some agencies have been pre qualified but they are not coming forward for participation in prebid meeting. It appears that the reputed agencies are over booked and the Tender procedures of the Govt. Organizations is not acceptable to them. While submitting tenders they put forward their own conditions regarding earnest money, payment and penalties etc. The Committee deliberated on the issue and decided that following committee be constituted, which may contact the reputed Agencies who are the Principal Manufacturers of Elevators and obtain from them most favourable Price and Terms and Conditions after negotiating the same with them. The Committee may submit its recommendation, which may be put up to the Board of Governors.

1. Dr. V.K. Arora Dean (Academics)
2. Sh. N.S. Bhatti Advisor (Electrical)
3. Sh. A.N. Chowdhry Chief Engineer (Construction)
4. Sh. Rajeev Aggarwal Architect M/s Archigroup

The meeting ended with thanks to the chair.

-Sd-  
Registrar

# **ANNEXURE-H**

## PRESS BRIEF NOTE

**Subject: New Plinth Area Norms- For General Pool Residential Accommodation (GPRA) to be constructed for Central Govt. Employees and its applicability to all Govt. Departments**

Ministry of Urban Development (MOUD) is the Nodal Ministry for providing houses under General Pool Residential Accommodation (GPRA) to be constructed for Central Govt. Employees all over India. The present Plinth area Norms had been fixed in 1987 by Ministry of Urban Development for Type I to Type VI catering to the needs of the Govt. employees at that time and has not been revised since then. However the lifestyle has changed drastically since then, therefore need was felt to revise these plinth area norms specifications keeping in mind modern household gadgets like refrigerator, washing machine, microwave, AC's etc., Car parking requirements instead of Scooter/Cycle have also increased manifold.

New trend of multistoried construction in place of Low rise construction, because of scarcity land, resulting in space crunch for certain facilities like clothes drying space. Hence a separate balcony for drying of wet clothes in the form of utility balcony has been provided in all the categories of houses in the revised plinth area norms for Type-I to Type-VIII qtrs. **The Comparison between Existing Plinth Area Norms & New Plinth Area Norms 2012 is as under:**

New Plinth Area Norms for Dwelling Units from Type- I to Type-VI and new Plinth Area Norms for Type -VII & Type VIII Quarters to be constructed for Central Govt. Employees in General Pool and its applicability to all Central Govt. Ministries / Departments shall be as per Table below;

Type	Eligibility as / Grade Pay / Fixed Pay	Area	Unit Area (Main)	Stair/ Circulation	Balcony	Utility area / Balcony	Cycle/Scooter shed/ Garage		Remarks
							Sq. m.	Sq. m.	
Type-I		Existing	34.00	5.0	7.45	NIL	2.50		Cycle shed -100%
	Rs. 1300 - 1800	New	40.00	7.00	6.50	2.50	As Parking Norms		
Type-II		Existing	45.00	5.0	7.45	NIL	2.50		Cycle shed -100%
	Rs. 1900 - 2800	New	54.00	7.00	6.50	2.50	As Parking Norms		
Type-III		Existing	55.75	5.00	7.45	NIL	4.20		Scooter shed -100%
	Rs. 4200 - 4800	New	63.00	7.00	6.50	3.50	As Parking Norms		
Type-IV		Existing	83.60	5.5	7.60	NIL	4.20		Scooter shed -100%
	Rs. 5400 and above	New	86.00	7.00	12.00	3.50	As Parking Norms		
Main Unit Servant Qtr-1		New	17.00		2.50				For part of provision for separate staircase

									however Kitchenette & toilet be provided within the unit area specified for servant room.
Type- IV (Special)		Existing	111.48	6	8.52	NIL	4.20		Additionally covered parking space as per local master plan norms subject to minimum one car per quarter will be provided
Main Unit									
Servant Qtr-1	Rs. 6600 and above	New	106.00 17.00	7.00	12.00 2.50	3.50	As per Parking Norms		Servant room shall be part of the house without provision of separate staircase, however Kitchenette & toilet be provided within the unit area specified for servant room.
Type- V		Existing	139.35 18.60	6.00 4.50	8.85	NIL	20.90		Garage - 75%
Main Unit									
Servant Qtr-1	Rs. 7600 and above	New	145.00 21.50	7.00 7.00	12.00 3.50	4.50	As per Parking Norms		Independent Servant Quarter having Room, Kitchen, Toilet and separate staircase being shared by two DU's * Nos. of Quarters - 1 Nos. for Type V
Type- VI		Existing	203.50 21.50	7.00 7.00	21.50 3.50	NIL			Garage - 75%
Main Unit									
Servant Quarter-1	Rs. 10000 and above	New	203.50 21.50	7.00 7.00	21.50 3.50	4.50	As per Parking Norms		Independent Servant Quarter having Room, Kitchen, Toilet and separate staircase being shared by two DU's * Nos. of Quarters - 1 Nos. for Type VI
Type- VII		Existing	There are no norms for multi-storied buildings.						

Type- VII Main Unit Servant Quarter-2	Rs. 75000 (Fixed)	New	287.00 21.50	7.00 7.00	35.00 4.00	9.00	Independent Servant Quarter having Room, Kitchen, Toilet and separate staircase being shared by two servant qtrs. • Nos. of Quarters - 2 Nos. for Type VII
There are no norms for multi-storeyed buildings.							
Type- VIII Main Unit Servant Quarter-4	Rs. 80000 (Fixed) and above	Existing  New	403.00 21.50	7.00 3.50	45.00 4.00	12.00	Independent Servant Quarter having Room, Kitchen, Toilet and separate staircase being shared by four servant qtrs. • Nos. of Quarters - 4 Nos. for Type VIII

For multistoried flats, where the provision of lifts and lift lobbies, wider staircase, additional Fire Escape staircases and extra space for their entry is necessary, additional area over and above the standard plinth area have been provide in all the categories of houses in the revised plinth area norms for Type-I to Type-VIII qtrs.

After lot of deliberations enhanced Plinth Area Norms for various categories/type of quarters i.e. Type I to Type VIII & specifications have been finalized and approved by MOUD. Complete proposal of Revised Plinth Area norms & specifications is uploaded on the website of CPWD.

# **ANNEXURE-I**



Archigroup Architects (Regd.)

STUDIO : A-14, FIRST FLOOR, SECTOR-15, NOIDA-201301 (U.P.) TEL : (91-120) 4312431, 32 FAX : (91-120) 4312430 E-MAIL : mail@archigroup.org WEBSITE : www.archigroup.org

Reference No. : AA( R) PTU/ Phase IV/4342

Date : November 17, 2015

Executive Engineer,  
Punjab Technical University,  
Jalandhar -- Kapurthala Highway,  
Jalandhar

Sir,

With reference to the minutes of the 47<sup>th</sup> meeting of the Standing Building Construction Committee dated October 23 2015, please find enclosed our observations on the points mentioned below:

**Item No. 47.4 To discuss and approve the concept plans and estimates for setting up – SPORTS HOSTELS at main campus, Kapurthala.**

With reference to Point No. (iii) in Item No. 47.4 given below are the findings of three Universities in Punjab where dedicated sports hostels have been constructed/under construction.

**1. Punjab University - Chandigarh**

In this University at Chandigarh, a dedicated 200 bed Sports Hostels for Boys was constructed in 1996 and a 300 bed hostel for girls has been constructed in 2013.

In the sports hostels for Boys there was a provision of 3-4 rooms with attached toilets on the ground floor and the rest of the rooms were all dormitories each with a capacity of 10 – 12 students with common toilets. To accommodate coaches and managers accompanying the students, more number of single rooms with attached toilets are provided on the ground floor of the Sports Hostels for Girls completed in 2013. Since the hostels are occupied almost 10 months in a year, dining and mess facilities have also been provided within the hostels. Only for two months in May and June when no tournaments are held, the hostels and the mess facilities remain un-utilized.

## **2. Punjabi University – Patiala**

This is a University with a total strength of 8000 hostellers with 3200(40%) boys and the remaining 4800(60%) as girls.

In this University there is a dedicated sports hostel for 200 boys and 200 girls. The accommodation provided in the hostels is all in the form of dormitories ranging from 10 – 12 students with common toilets, along with provisions of dining and kitchen facilities. The sports hostels in this University remain occupied throughout the year.

## **3. Guru Nanak Dev University - Amritsar**

Sports hostel for 150 boys and 110 girls is under construction which is likely to get completed in about 4 months. The accommodation provided is 3 students per room with common toilets on a total of 4 floors (G+3). A provision of a single room with attached toilet has also been made on each floor for coaches/managers/officials. Dining and kitchen facilities are being provided in both the hostels. The beds in the sports hostels are allotted on merit to students participating and excelling in Inter University Sports Competitions. The students could be either from GNDU or any other university to avail this facility.

## **4. Following are the Universities/Institutions where no provision for sports hostel has been made:**

- i) IIT – Delhi.
- ii) IIT – Kanpur
- iii) JNU – New Delhi.
- iv) Delhi University – North Campus.
- v) Delhi University – South Campus.
- vi) O.P.Jindal Global University – Sonapat.
- vii) Guru Gobind Singh Indraprastha University – Dwarka, New Delhi.
- viii) Government College of Engineering & Technology – Jammu.
- ix) Kurukshetra University – Kurukshetra
- x) Guru Jambheshwar University of Science & Technology – Hissar

We await your instructions to in-corporate the changes in the lay-outs of the Sports hostels presented to the committee on 20<sup>th</sup> October 2015..

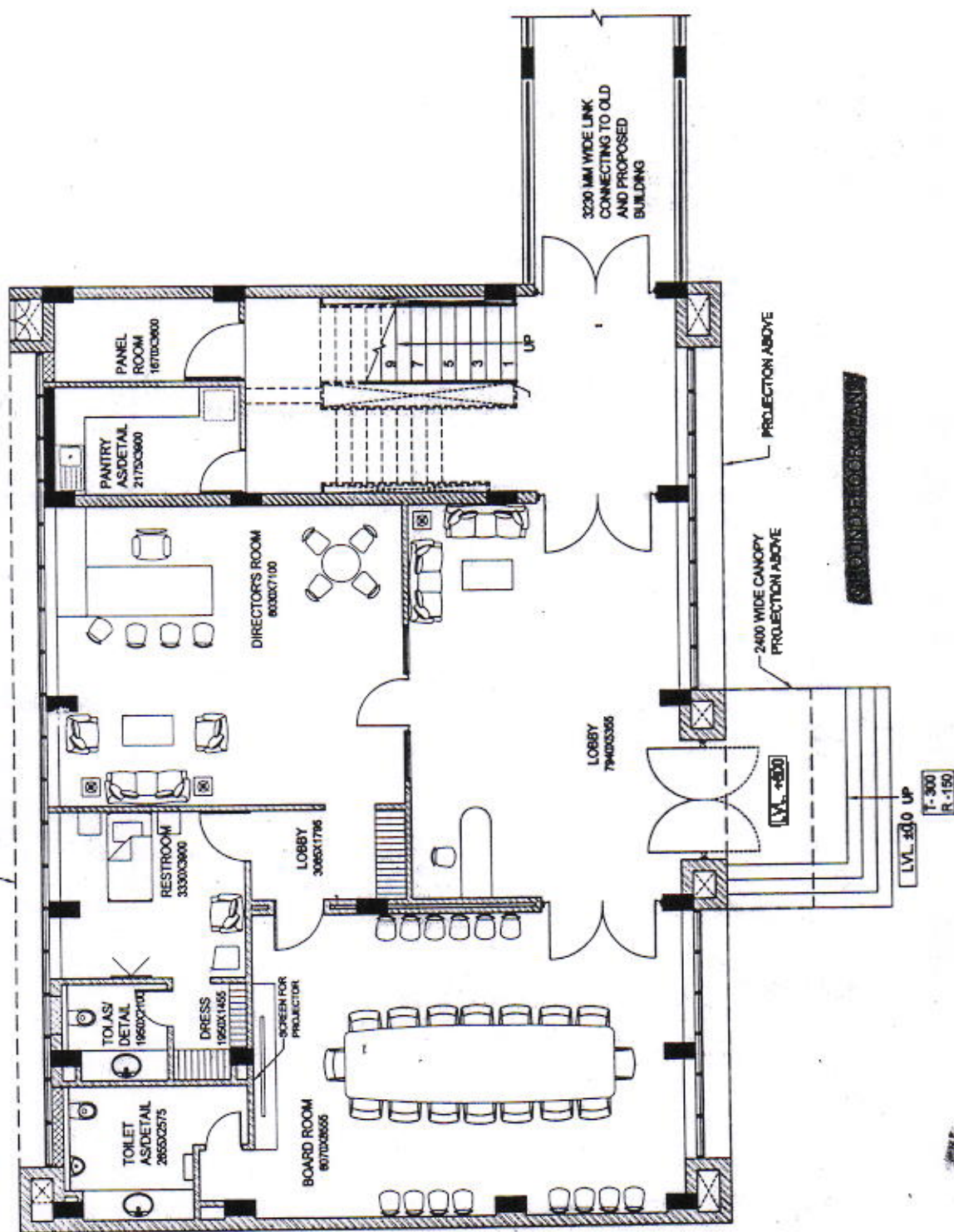
Thanking You,

Truly Yours,

Jeevan Kapur



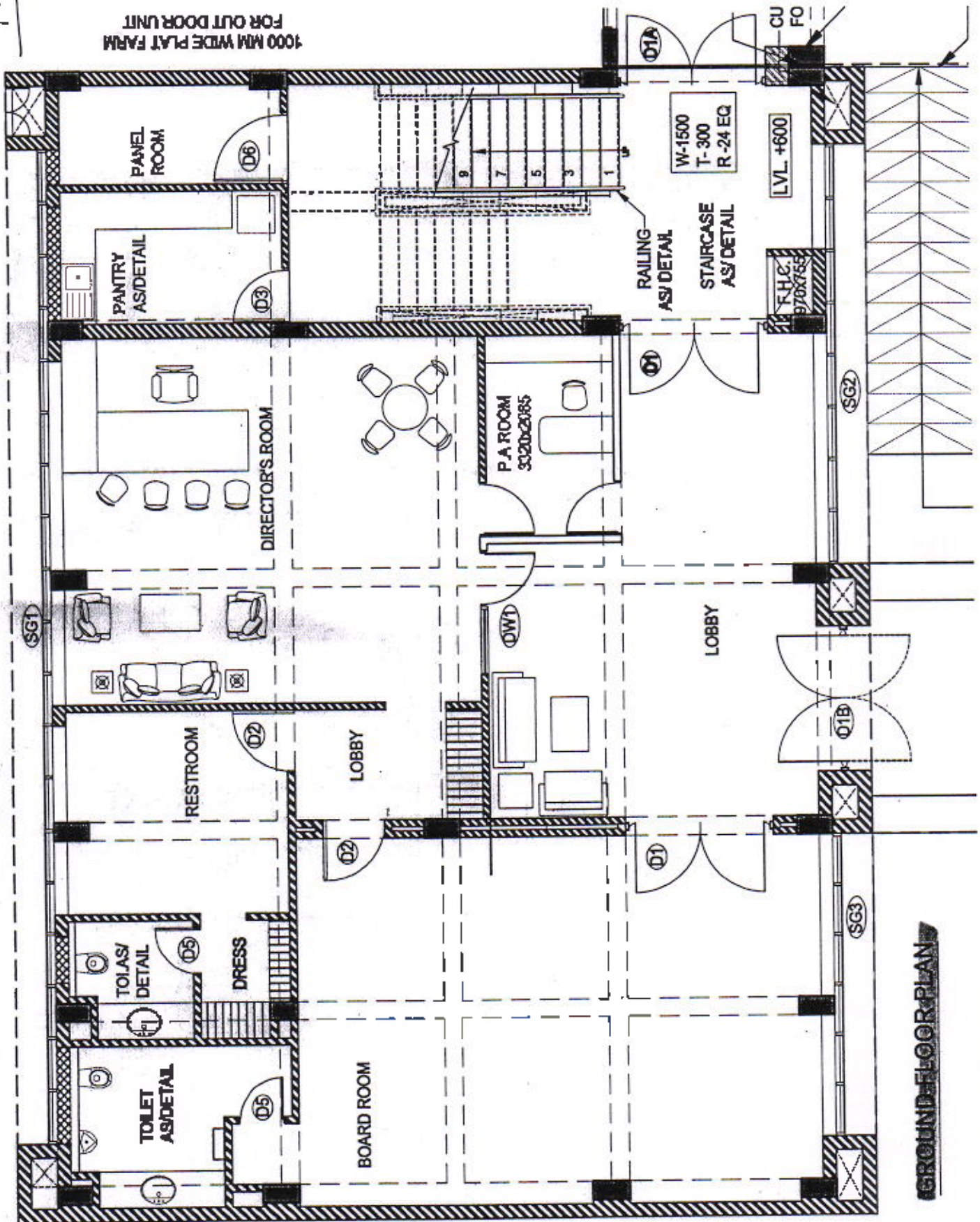
# **ANNEXURE-J**

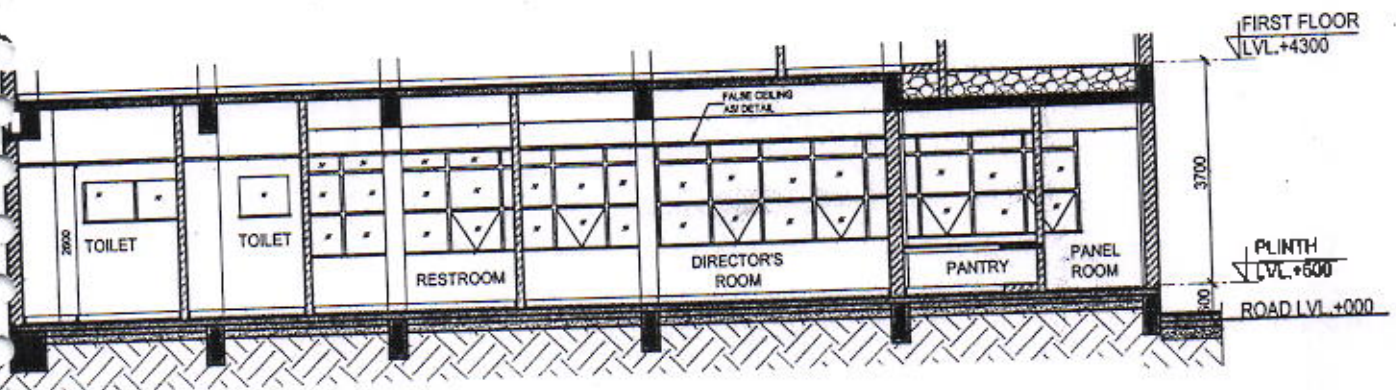


PROPOSED

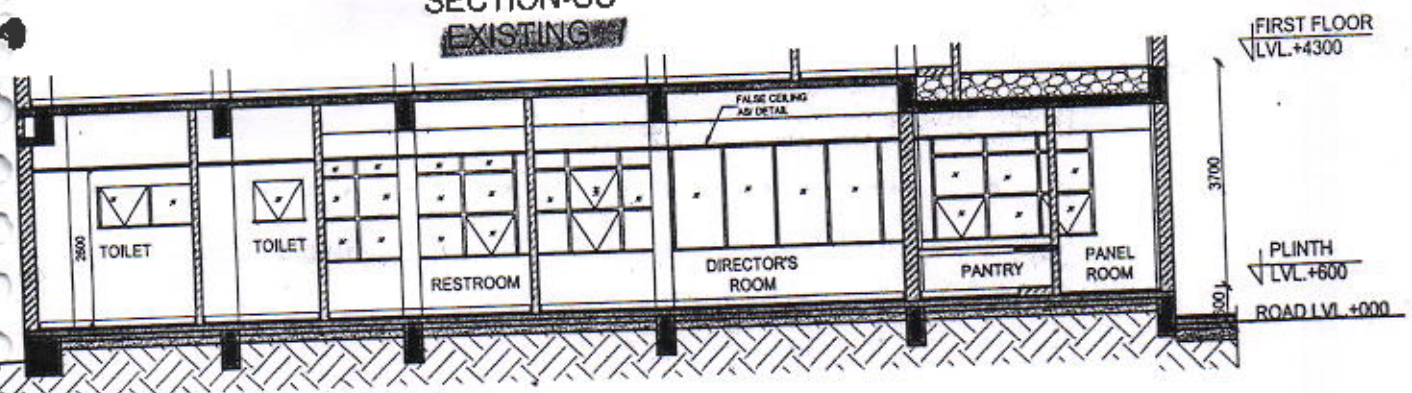
PROPOSED

1000 MM WIDE PLAT FARM  
FOR OUT DOOR UNIT

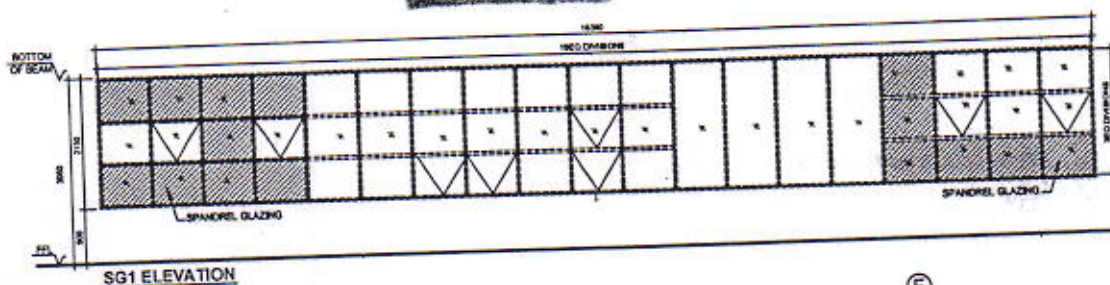




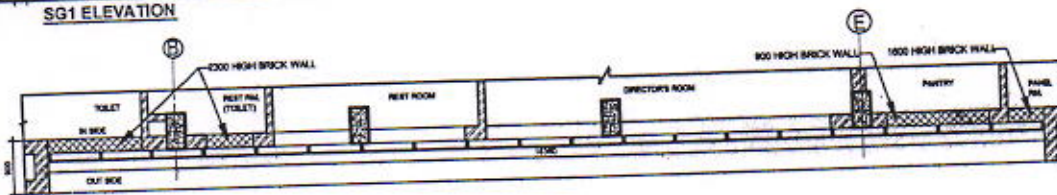
SECTION-CC  
EXISTING



SECTION-CC  
PROPOSED



SG1 ELEVATION

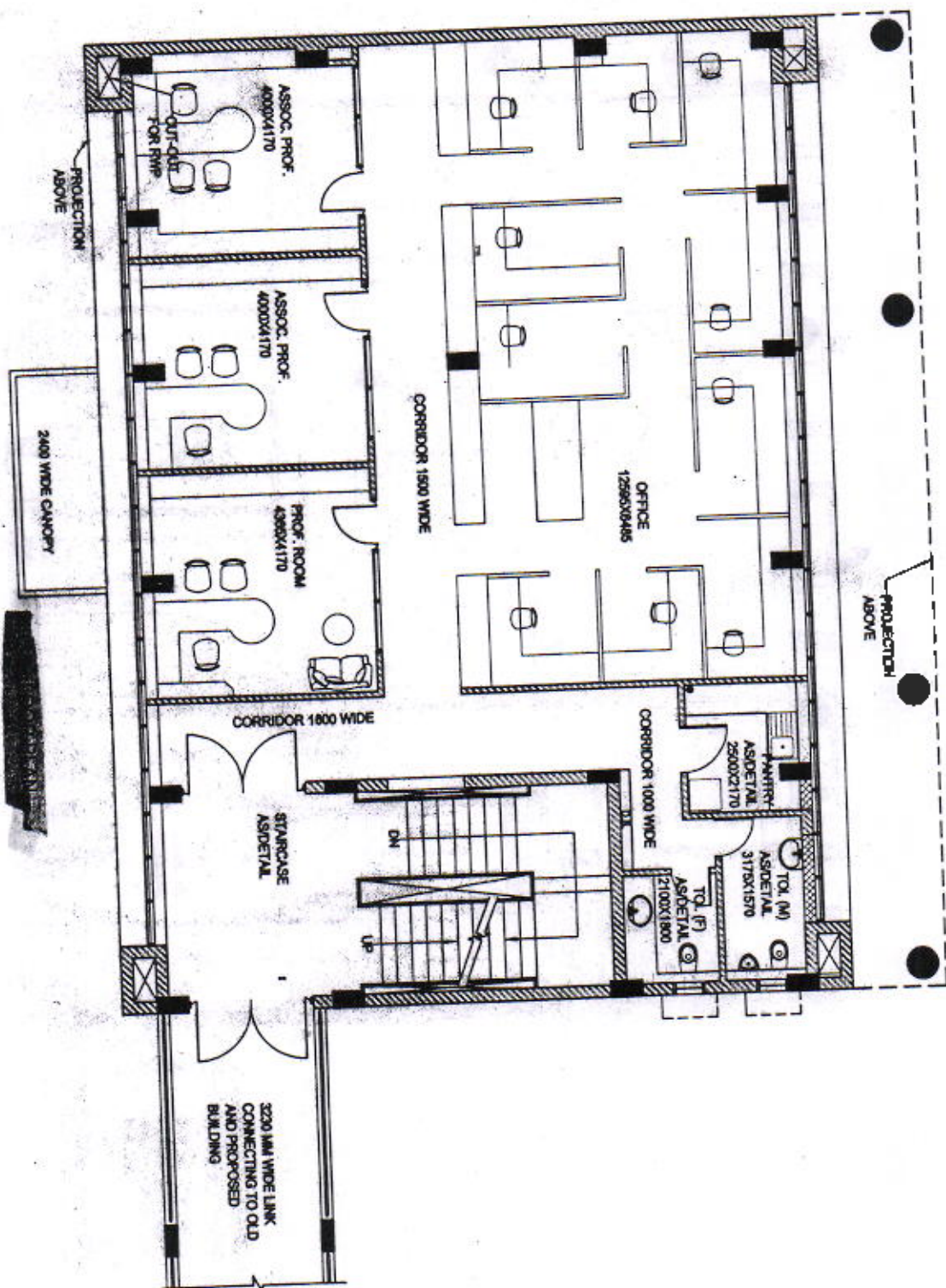


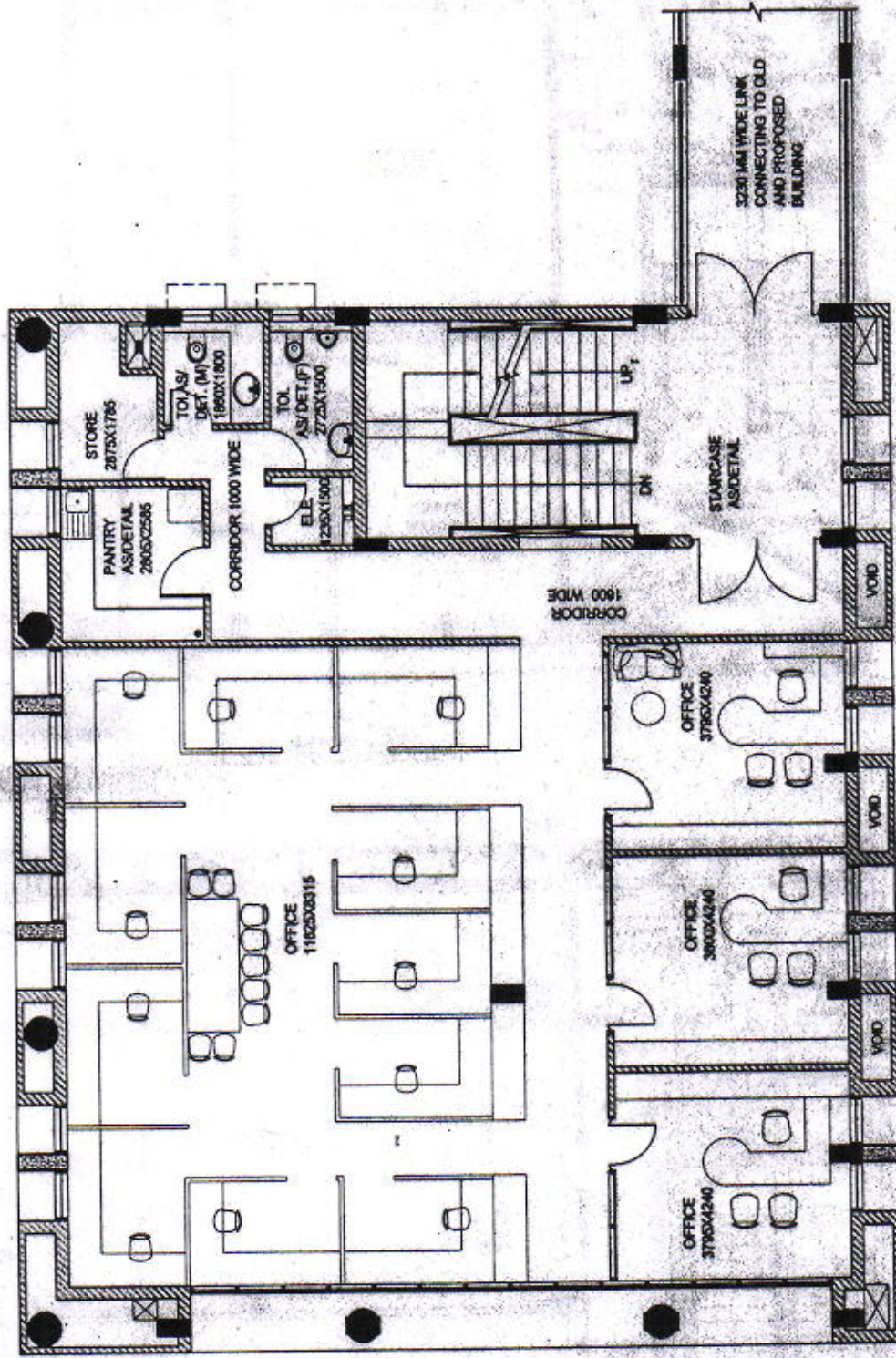
SG1 PLAN  
16300/2150

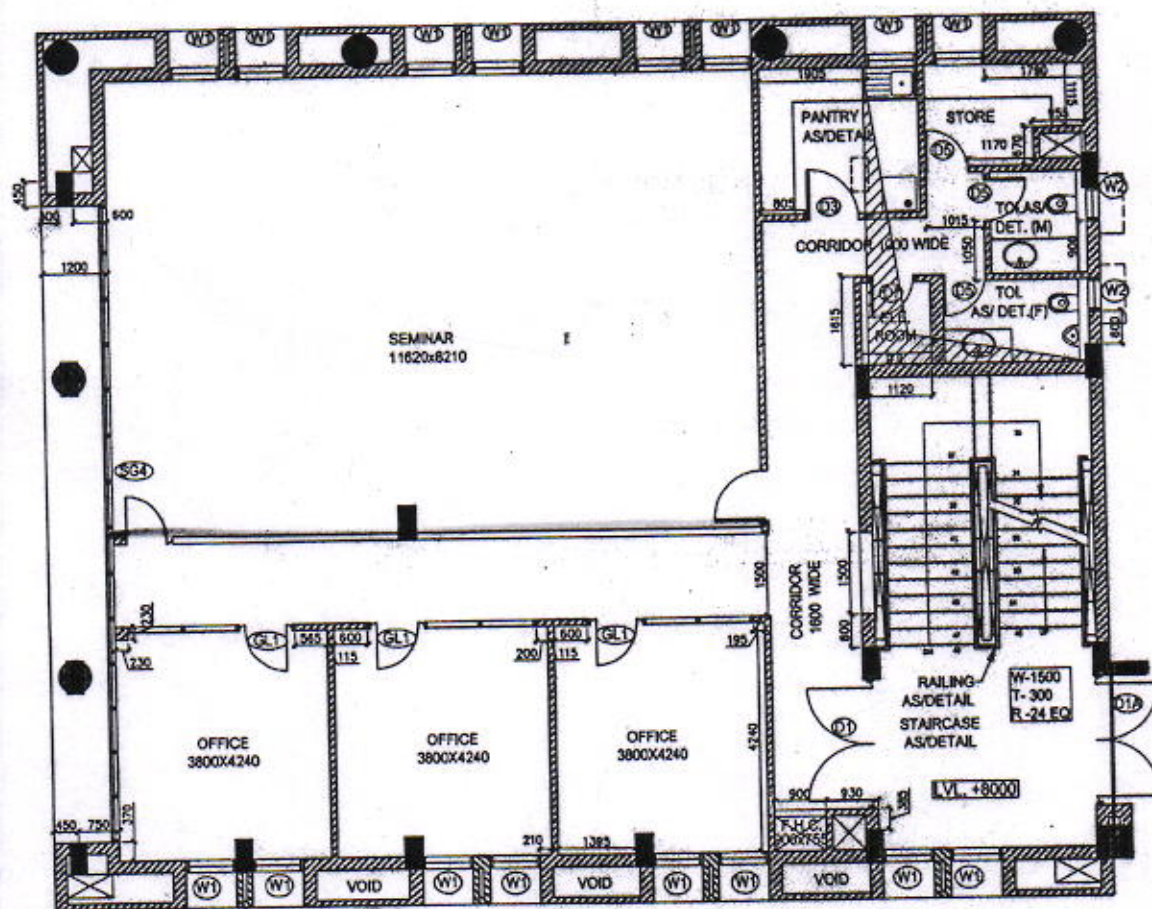
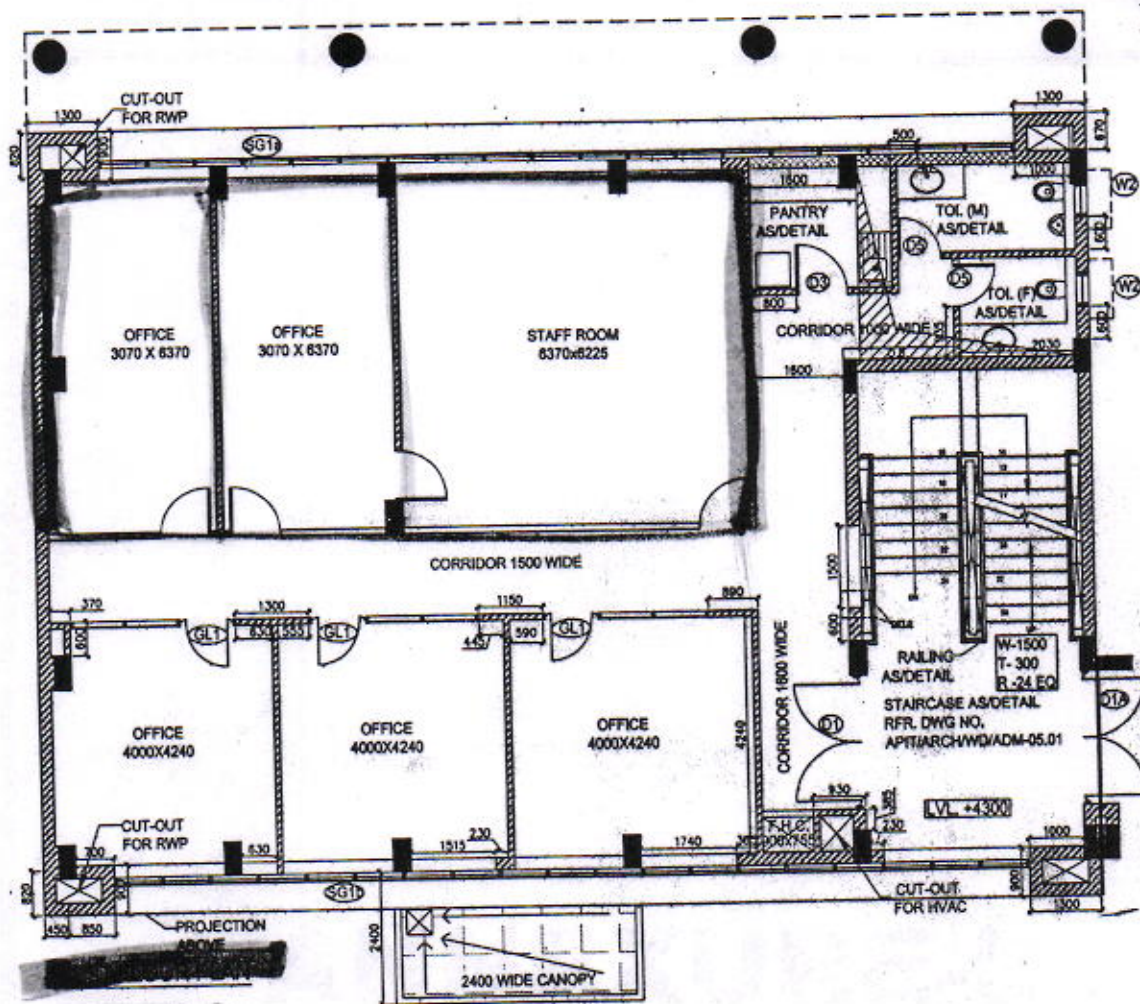
DIRECTOR OFFICE  
WINDOW

DATE  
28-05-2014

Archigroup Architects (regd.)







# **ANNEXURE-K**



# Archigroup Architects (Regd.)

STUDIO : A-14, FIRST FLOOR, SECTOR-15, NOIDA-201301 (U.P.) TEL : (91-120) 4312431, 52 FAX : (91-120) 4312430 E-MAIL : mail@archigroup.org WEBSITE : www.archigroup.org

Reference No. : AA(R)/PTU/4343  
Date : November 17, 2015

The Executive Engineer,  
The Punjab Technical University,  
Jalandhar Kapurthala Highway,  
Jalandhar.

Subject: The Punjab Technical University – Sports Hostels for Boys and Girls

Dear Sir,

With reference to the minutes of the 47<sup>th</sup> meeting of the Standing Building Construction Committee dated October 23 2015, please find enclosed our observations on the point mentioned below:

**Item No. 47.6 To discuss and finalize the fee payable to the Architect for preparation of building plans of auditorium and hostels proposed at main campus, Kapurthala.**

As presented during the meeting:

At the time of signing of our contract, since the site for the main campus was beyond the city limits of Jalandhar, it was envisaged by the University that approval of drawings from municipal authorities/PUDA was not required. Accordingly, our fee was negotiated and agreed upon. Thus no stage payment for this activity was included in the stages of payments.

However, during the course of construction, after the site came into the ambit of PUDA, it was decided that an approval of drawings will have to be sought.

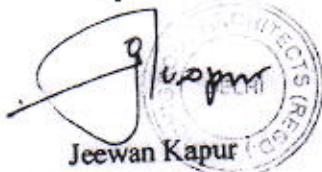
A committee comprising of Mr. S.L.Kaushal (retired Chief Architect – Punjab –Advisor, Architecture) for PTU, Mr. Bains Principal Chitkara School of Planning & Architecture and Mr. A.N.Chowdhry Chief Engineer – PTU, was constituted by the Hon'ble VC to consider the issue. The committee after deliberations agreed that drawings made for approval from PUDA was an extra work from the scope of work of the original award of contract. The committee recommended to pay the architects a lump sum amount of Rs. 6,00,000/- lacs for extra work done by them.

Thereafter the Standing Building Committee approved our Bills for subsequent submissions (Phase II, Phase III & APST) made to PUDA. The rate of payment was derived from the unit rate payment made in Phase - I (Rs. 6,00,000/- for a total area of 17,428 sq. mtr.) i.e. Rs. 34.43 per sq. mtr.

As instructed in the last meeting, cost of preparing the municipal drawings for Phase - IV are being attached as Annexures for your reference. The unit cost as per the calculations works out to Rs. 50.83 per sq. mtr.

Thanking You,

Truly Yours,

  
Jeewan Kapur

ANNEXURE-1			
PUNJAB TECHNICAL UNIVERSITY, JALANDHAR, PHASE-IV			
LIST OF DRAWINGS			
SITE PLAN			
S.No.	Drawing Description	Drawing No.	
1	SITE PLAN	PTU-IV/SP/MD/ARCH/01.01	NEW DRAWING
2	SITE PLAN	PTU-IV/SP/MD/ARCH/01.01	FIRE DRAWING
3	ZONING PLAN	PTU-IV/SP/MD/ARCH/01.02	
AUDITORIUM			
S.No.	Drawing Description	Drawing No.	
1	GROUND FLOOR PLAN	PTU-IV/AUDI/MD/ARCH/01.01	AMMENDEO/FIRE
2	PLAN AT LVL+7500	PTU-IV/AUDI/MD/ARCH/01.02	AMMENDEO/FIRE
3	ROOF PLAN	PTU-IV/AUDI/MD/ARCH/01.03	AMMENDEO/FIRE
4	ELEVATIONS	PTU-IV/AUDI/MD/ARCH/02.01	
5	SECTIONS	PTU-IV/AUDI/MD/ARCH/03.01	
6	AREA CALCULATION	PTU-IV/AUDI/MD/ARCH/04.01	NEW DRAWING
GIRLS HOSTEL			
S.No.	Drawing Description	Drawing No.	
1	GROUND FLOOR PLAN	PTU-IV/GH/MD/ARCH/01.01	AMMENDEO/FIRE
2	FIRST FLOOR PLAN	PTU-IV/GH/MD/ARCH/01.02	AMMENDEO/FIRE
3	SECOND FLOOR PLAN	PTU-IV/GH/MD/ARCH/01.03	AMMENDEO/FIRE
4	THIRD FOURTH FLOOR PLAN	PTU-IV/GH/MD/ARCH/01.04	AMMENDEO/FIRE
5	FIFTH & SIXTH FLOOR PLAN	PTU-IV/GH/MD/ARCH/01.05	AMMENDEO/FIRE
6	SEVENTH & EIGHT FLOOR PLAN	PTU-IV/GH/MD/ARCH/01.06	AMMENDEO/FIRE
7	TERRACE & MACHINE ROOM LEVEL PLAN	PTU-IV/GH/MD/ARCH/01.07	AMMENDEO/FIRE
8	ROOF PLAN	PTU-IV/GH/MD/ARCH/01.08	AMMENDEO/FIRE
9	ELEVATION - A	PTU-IV/GH/MD/ARCH/02.01	
10	ELEVATIONS - B	PTU-IV/GH/MD/ARCH/02.02	
11	ELEVATIONS - C & D	PTU-IV/GH/MD/ARCH/02.03	
12	SECTIONS	PTU-IV/GH/MD/ARCH/03.01	
13	SECTIONS	PTU-IV/GH/MD/ARCH/03.02	
14	AREA CALCULATION (GROUND & FIRST)	PTU-IV/GH/MD/ARCH/04.01	
15	AREA CALCULATION (SECOND-SEVENTH)	PTU-IV/GH/MD/ARCH/04.02	NEW DRAWINGS
16	AREA CALCULATION (8TH, MUMTY & MACHINE ROOM LEVEL PLAN)	PTU-IV/GH/MD/ARCH/04.03	
MARRIED STUDENTS HOSTEL			
S.No.	Drawing Description	Drawing No.	
1	GROUND FLOOR PLAN	PTU-IV/MH/MD/ARCH/01.01	AMMENDEO/FIRE
2	FIRST & SECOND FLOOR PLAN	PTU-IV/MH/MD/ARCH/01.02	AMMENDEO/FIRE

## EXPENSES INCURRED FOR PREPARING ADDITIONAL DRAWINGS FOR MUNICIPAL AND FIRE APPROVAL FOR BUILDINGS UNDER PHASE-IV, PITK

Sr. No.	Description	New Drawings for Municipal Submission	Ammended Drawings for Municipal Submission	New Drawings for Fire Submission	Total	Remarks
1	Total number of drawings submitted for Municipal & fire approval (in Numbers)	14	41	28	83	For Details refer list of drawings
2	Average Time taken to Prepare per drawing (in Days)					
(a)	Senior Architect	2	1	-		
(b)	Architect	7	3	-		
(c)	Senior MEP Consultant	-	-	0.25		
(d)	Senior draftsman	-	-	0.50		
3	Time spent to Prepare drawings (Lx2) (in Days)					
(a)	Senior Architect	28	41	-	69	Days
(b)	Architect	98	123	-	221	Days
(c)	Senior MEP Consultant	-	-	7	7	Days
(d)	Senior draftsman	-	-	14	14	Days
4	Time Spent by Partner for whole assignment (in Days)				7	Days

**EXPENSES INCURRED FOR PREPARING ADDITIONAL DRAWINGS FOR MUNICIPAL AND FIRE APPROVAL FOR  
BUILDINGS UNDER PHASE-IV, PITK**

Sr. No.	Description	Unit
<b>A</b>	<b>Cost of Establishment (per month)</b>	
A1	Premises Rent	INR 60,000
A2	Electricity expenses	INR 35,000
A3	Petrol + Diesel expenses	INR 40,000
A4	Telephone & Data expenses	INR 7,500
A5	Non-technical staff salaries (1 admin / receptionist+2 drivers, 2peons)	INR 97,000
A6	IT & Software maintenance cost @ 15 computers	INR 43,125
A7	Computer comprehensive maintenance cost @ 15 computers	INR 11,250
A8	Printer comprehensive maintenance cost @ 2 plotter/ printer	INR 2,000
A9	Total cost of establishment (A1+A2+.....+A8+A9)	INR 295,875
<b>B</b>	<b>Cost of establishment per technical staff</b>	
B1	Total number of technical staff employed	12
B2	Cost of establishment per technical staff (A9/B1)	INR 24,656
<b>C</b>	<b>Calculation of working days in a year</b>	
C1	Total no. of days in a year	365
C2	No. of weeks	52
C3	No. of days in weekends (2X52 weeks)	104
C4	Gazetted Holidays in office	15
C5	Casual/ Earned Leave	15
C6	Sick Leave	12
C7	Total No. of holidays in a year (C3+C4+C5+C6)	146
C8	No. of working days in a year (C1-C7)	219
C9	Ratio of working days in one year (C1/C8)	1.67
<b>D</b>	<b>Cost of Technical Staff</b>	
<b>D1</b>	<b>Senior Architect</b>	
D1.1	Monthly Salary including bonus, insurance and PF	INR 75,000
D1.2	Cost for the working days (D1.1 x C9)	INR 125,000
D1.3	Establishment cost ( as in B2)	INR 24,656
D1.4	Total Senior Architect's cost (D1.2+D1.3)	INR 149,656
D1.5	Senior Architect's cost per day (D1.4/30)	INR 4,989
<b>D2</b>	<b>Architect</b>	
D2.1	Monthly Salary including bonus, insurance and PF	INR 52,000
D2.2	Cost for the working days (D2.1 x C9)	INR 86,667
D2.3	Establishment cost ( as in B2)	INR 24,656
D2.4	Total Architect's cost (D2.2+D2.3)	INR 111,323
D2.5	Architect's cost per day (D2.4/30)	INR 3,711

**EXPENSES INCURRED FOR PREPARING ADDITIONAL DRAWINGS FOR MUNICIPAL AND FIRE APPROVAL FOR  
BUILDINGS UNDER PHASE-IV, PITK**

Sr. No.	Description	Unit	
<b>D3</b>	<b>Senior MEP Consultant</b>		
D3.1	Monthly Salary including bonus, insurance and PF	INR	75,000
D3.2	Cost for the working days (D3.1 x C9)	INR	125,000
D3.3	Establishment cost ( as in B2)	INR	24,656
D3.4	Total Senior MEP Consultant's cost (D3.2+D3.3)	INR	149,656
D3.5	Senior MEP Consultant's cost per day (D3.4/30)	INR	4,989
<b>D4</b>	<b>Senior MEP Draftsman</b>		
D4.1	Monthly Salary including bonus, insurance and PF	INR	30,000
D4.2	Cost for the working days (D4.1 x C9)	INR	50,000
D4.3	Establishment cost ( as in B2)	INR	24,656
D4.4	Total Architect's cost (D4.2+D4.3)	INR	74,656
D4.5	Senior MEP Draftsman's cost per day (D4.4/30)	INR	2,489
<b>D5</b>	<b>Principal Architect (Partner)</b>		
D5.1	Monthly Salary including bonus, insurance and PF	INR	200,000
D5.2	Cost for the working days (D5.1 x C9)	INR	333,333
D5.3	Establishment cost ( as in B2)	INR	0
D5.4	Total Architect's cost (D5.2+D5.3)	INR	333,333
D5.5	Principal Architect/ Partner's cost per day (D5.4/30)	INR	11,111