

I K GUJRAL PUNJAB TECHNICAL UNIVERSITY

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

Ref. No. IKGPTU/CC/ 7528

Dated : 01/05/2019

Dean (P&EP),
IKG Punjab Technical University, Kapurthala.

Registrar,
IKG Punjab Technical University, Kapurthala.

Deputy Controller /F&A,
IKG Punjab Technical University, Kapurthala.

Director,
IKG Punjab Institute of Technology, Khunimajra.

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

Chief Architect, Punjab
SCO 149-152, Sector 17-C,
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 : 54th 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,

 01/05/19

(H. P. Singh)

Executive Engineer

Copy to : In-charge VC Secretariat for kind information of Hon'ble VC.

Encl. As above.

I. K. GUJRAL PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

Minutes of the 54th Meeting of the Standing Building Construction Committee held on 25.04.2019 at IKGPTU Main Campus, Kapurthala.

The following were present in the meeting:

- | | | |
|----|--|--------------------------------------|
| 1 | Prof. (Dr.) Ajay Kumar Sharma,
Vice Chancellor, IKG PTU | Chairman |
| 2 | Dr. Sukhbir Singh Walia,
Registrar, IKG PTU | Member |
| 3 | Dr. Nitya,
Deputy Controller, F&A, IKG PTU
(On behalf of Finance Officer) | Member |
| 4 | Er. J. S. Mann,
Chief Engineer, PWD | Member |
| 5 | Ar. Tarun Garg,
Senior Architect, Nominee of Chief Architect Punjab | Member |
| 6 | Er. Amardeep Singh Brar
Superintending Engineer, PWD, Jalandhar. | Special Invitee |
| 7 | Er. Roop Chand,
Superintending Engineer, PWD (Electrical),
Jalandhar. | Special Invitee |
| 8 | Er. Varinder Kumar,
Executive Engineer, PWD, Kapurthala | Special Invitee |
| 9 | Er. Sarbraj Kumar,
Executive Engineer, PWD, Kapurthala | Special Invitee |
| 10 | Er. Sukhpinder Singh,
Executive Engineer, Water Supply & Sanitation,
Kapurthala | Special Invitee |
| 11 | Sh. Jeewan Kapur,
Architect | |
| 12 | Sh. Nitin,
Architect | From Archigroup
Architects, Noida |
| 13 | Sh. Atul Kumar,
Architect | |
| 14 | Er. H. P. Singh,
Executive Engineer, IKG PTU | Member Secretary |

Dr. N. P. Singh, Dean (P&EP), IKGPTU, Dr. Prabhjot Kaur, Director, PIT, Khunimajra, IKG PTU and Chief Executive, Punjab Energy Development Agency could not attend the meeting and were granted leave of absence.

Item No. 54.1 : To confirm the minutes of 53rd meeting of Standing Building Construction Committee held on 11.10.2018.

The committee confirmed the minutes of 53rd meeting of Standing Building Construction Committee.

Item No. 54.2 : Action taken on various items discussed during 53rd meeting of Standing Building Construction Committee.

The Action Taken Report on various items discussed during 53rd meeting of Standing Building Construction Committee was discussed by the committee and the same is as under:

i) Item No. 53.1 : To confirm the Minutes of 52nd meeting of Standing Building Construction Committee held on 30.05.2017

Committee Decision : The Committee confirmed the minutes of 52nd meeting of Standing Building Construction Committee.

Action Taken : No action required.

ii) Item No. 53.2 : Action taken on various items discussed during 52nd meeting of Standing Building Construction Committee.

Committee Decision : Executive Engineer, IKG PTU informed the committee about the actions taken on various items discussed during 52nd meeting of the committee.

Action Taken : No action required.

iii) Item No. 53.3 : To review the progress of construction works being executed by PWD.

Committee Decision :

a) Main campus, Kapurthala:

Committee noted the progress of various ongoing works. It was informed by Chief Engineer, PWD that works of College Buildings I, II, III, library, seminar hall and Hostels (near College building -III) have been completed

and the works of new hostels and auditorium are in progress and will be completed as per the following schedule:

S. No.	Description of Buildings	Target date as agreed by PWD
1	Boys Hostels (balance 51 rooms) alongwith external works.	31.10.2018
2	Married student hostels with lift and external works.	31.12.2018
3	Girls Hostel – complete internal and external works.	31.03.2019
4	Auditorium	31.03.2019
5	External development works (PH) – Phase-IV.	UGSR – 31.12.2018 STP – 31.03.2019
6	Electrical sub-station (Phase – IV).	31.12.2018
7	External development works (Phase-IV) Civil, Sports track and Playing fields.	31.12.2018

It was informed by PWD that invitation of tenders for staff residences and Indoor and outdoor stadium are in process.

Action Taken :

- The works of Boys hostels (51 rooms) have been completed and the same have been occupied.
- The works of Married student hostels, Girls hostel, auditorium, external development works (PH, Civil, sports track and playing fields) and electrical sub-station are still in progress.
- Tenders for staff residences and Indoor and outdoor stadium are still to be invited by PWD.

Item No. 53.4 : To consider the concept plans and estimates of main entrance gates proposed at University's main campus, Kapurthala.

Committee Decision : After detailed discussions, committee approved the proposal presented by the Architect for main entrance gates. Estimates for these works have also been approved as per the following details:

1. Gate No. 1 & 3 : Rs. 44.68 lacs/ per gate (Total : Rs. 89.36 lacs)
2. Gate No. 2 : Rs. 134.17 lacs

Action Taken : Detailed design and estimates have been completed by the Architect and provided to PWD. Administrative approval for estimate of gate No. 2 has been granted to PWD and whereas vetted estimates for gate No. 1 & 3 are awaited from PWD.

Item No. 53.5 : To consider the concept plans and estimates of entrance porch and reception proposed to be developed on front side of the main administrative building at University's main campus, Kapurthala.

Committee Decision : After detailed discussions and deliberation, committee decided that the entire structure of entrance porch will be provided with SS cladding, the cost for the same shall be provided by the Architect after detailed designing. Estimate for renovation of Reception area amounting to Rs. 75.16 lacs has been approved.

It was decided by committee that display area for keeping memento, trophies etc. to be planned in the reception area. Touch screens are to be provided in place of digital screens.

Action Taken : Detailed design and estimates for roads and foundations of entrance porch have been completed by the Architect and provided to PWD for vetting. Detailed designing and estimation for balance works are being done by the Architect.

While discussing action taken report on this item, it was decided that width of road and entrance porch will be increased from 4.5 m approved earlier to 6.0m. Architect was advised to revise the design and estimates for the same and put up in the next meeting of the committee.



Item No. 53.6 : To consider the location, revised floor plans and estimates of proposed workshop and connection bridge between Academic Block -III and workshop at University's main campus, Kapurthala.

Committee Decision : After detailed deliberations and discussions, committee approved the location and concept plans proposed by the Architect for proposed workshop (G+2 floors) and connecting bridge with covered passage as shown in option-II between workshop and Academic Building-III. Rough cost estimates for these works amounting to Rs. 2464.56 lacs. have also been approved.

Action Taken : Detailed design and estimates have been completed by the Architect and provided to PWD for vetting.

Item No. 53.7 : To consider the concept plans and rough cost estimates of proposed guest house at University's main campus, Kapurthala

Committee Decision : After detailed discussions, committee approved the concept plans earlier approved for the guest house with minor modifications as presented by the Architect. Revised estimated cost amounting to Rs. 854.42 lacs have also been approved. It was decided to provide large size entrance porch (with parking capacity of atleast two vehicles) in front of main entry of the guest house.

Action Taken : Detailed design and estimates have been completed by the Architect and provided to PWD for vetting.

102

Item No. 53.8 : To consider and approve the capacity and rough cost estimates of proposed Under Ground Storage Reservoir and Sewage Treatment Plant for Phase –V at University’s main campus, Kapurthala.

Committee Decision : After detailed deliberations and discussions, committee approved the capacity and rough cost estimates of Under Ground Storage Reservoir and Sewage Treatment Plant for Phase –V as under:

Under Ground Storage Reservoir:-

Capacity : 250 KL
Estimated cost : Rs. 123 lacs

Sewage Treatment Plant:-

Capacity : 200 KL
Estimated cost : Rs. 106 lacs

It was decided to inter-connect UGSR of phase –IV and Phase –V and similarly for STPs.

Action Taken : Detailed design and estimates have been completed by the Architect and provided to PWD for vetting.

Item No. 53.9 : To consider the scheme and estimate of signage proposed to be fixed at various locations in University’s main campus, Kapurthala.

Committee Decision : After detailed deliberations and discussions, committee approved the scheme of signage proposed by the Architect with an estimated cost of Rs. 118.22 lacs. It was decided to mark directional arrows in external signage of the buildings.

Action Taken : The detailed designing and estimation are being done by the Architect.



Item No. 53.10 : To consider and approve the estimate of provision of LED screen, cameras, switching and control system in auditorium (under construction) at University's main campus, Kapurthala.

Committee Decision : After discussions, committee approved the specifications and estimates for provision of LED screen, cameras, switching and control system in auditorium as per the following details:

LED Screen	:	Rs. 120.60 lacs
Cameras, Switching and Control systems	:	Rs. 58.98 lacs

Action Taken : Detailed design and estimates have been completed by the Architect and provided to PWD. The works have been awarded by PWD.

Item No. 53.11 : To consider provision and estimate of stainless steel in floors and walls of proposed swimming pool at University's main campus, Kapurthala.

Committee Decision : After detailed discussions and deliberations, committee agreed for provision of stainless steel tank for the proposed swimming pool and approved revised estimates for the same as per the following details:

1. Swimming pool with stainless steel pool	:	Rs. 172.86 lacs.
2. Swimming pool equipment and filtration plant	:	Rs. 21.96 lacs.

Action Taken : Detailed estimates for civil works have been completed by the Architect and provided to PWD. However, estimates for stainless steel works and equipment & filtration plant are yet to be provided by the Architect.



Item No. 53.12 : To consider the revised site layout plan of various type of residences proposed to be constructed at University's main campus, Kapurthala.

Committee Decision : After detailed discussions and deliberations, committee approved the site plan of various type of residences as proposed by the Architect.

Action Taken : No action required.

Item No. 53.13 : To consider the concept plans and estimated cost of Vice Chancellor's office proposed to be developed at main administrative building at University's main campus, Kapurthala.

Committee Decision : After detailed discussions and deliberations, committee approved the plans of Vice Chancellor office with an estimated cost of Rs. 57.12 lacs.

Action Taken : Detailed design and estimates have been completed by the Architect and provided to PWD. The works have been awarded by PWD and are in progress at site.

Item No. 53.14 : To consider general specifications for Vice Chancellor's residence proposed to be constructed at University's main campus, Kapurthala

Committee Decision :

After deliberations, committee approved general specifications proposed by the Architect for Vice Chancellor's residence.

Action Taken : The detailed estimates are being prepared by the Architect accordingly.



Item No. 53.15 : To consider the revised plans and estimate of Vice Chancellor's residence proposed to be constructed at University's main campus, Kapurthala

Committee Decision : After detailed discussions and deliberations, committee approved the revised plans of Vice Chancellor's residence and annex with an estimated cost of Rs. 330.46 lacs. It was decided to plan a rotary in front of entrance of the residence for turning of vehicle for parking area.

Action Taken : The detailed estimates are being prepared by the Architect accordingly.

Item No. 53.16 : To consider and approve the revised plan and estimate of Registrar residence proposed to be constructed at University main campus, Kapurthala.

Committee Decision : After detailed discussions and deliberations, committee approved the revised plans of Registrar's residence with an estimated cost of Rs. 143.68 lacs.

Action Taken : Detailed design and estimates have been completed by the Architect and provided to PWD.

Item No. 53.17 : To consider concept plans and estimates of training & placement office, student facilitation centre proposed to be established at ground floor of main administrative building, University main campus, Kapurthala.

Committee Decision : After deliberations, committee approved the concept plans proposed by the Architect and estimates for establishment of training & placement office, student facilitation centre as per the following details:

- | | | |
|--|---|----------------|
| 1. Cafeteria and Student Facilitation Centre | : | Rs. 59.39 lacs |
| 2. Training and Placement office | : | Rs. 43.84 lacs |

Action Taken : Detailed design and estimates have been completed by the Architect for civil works of Training and Placement office and provided to PWD. However, estimates for cafeteria, SFC and electrical and HVAC works of Training and Placement office are yet to be provided by the Architect.

Item No. 53.18 : To consider the renovation scheme and estimates of seminar hall and banquet hall, main administrative building, University main campus, Kapurthala

Committee Decision : After deliberations, committee approved the renovation scheme and estimates for renovation of seminar hall and banquet hall as per the following details:

- | | | |
|-----------------|---|----------------|
| 1. Banquet Hall | : | Rs. 30.35 lacs |
| 2. Seminar Hall | : | Rs. 34.83 lacs |

Action Taken : Detailed design and estimates have been completed by the Architect and provided to PWD.

Item No. 53.19 : To consider recruitment of technical staff for onstruction cell of the University.

Committee Decision : After detailed discussions, committee approved recruitment of following technical staff for construction and maintenance cell of the University:

- | | | | |
|------|---------------------------------|---|----|
| i) | Sub Divisional Engineer- Civil | - | 01 |
| ii) | Junior Engineer/(Civil) | - | 02 |
| iii) | Junior Engineer/(Electrical) | - | 01 |
| iv) | Junior Engineer/(Public Health) | - | 01 |
| iv) | Junior Engineer/(Horticulture) | - | 01 |

Action Taken : Process for recruitment of above staff has been initiated by University.



Item No. 54.3 : To review the progress of construction works being executed by PWD.

Main campus, Kapurthala:

Committee noted that there have been delays in completion of various works. It was informed by PWD that works of College Buildings I, II, III, library, seminar hall, Hostels (near College building –III) and new Boys hostel (200 rooms) have been completed and the works of girls and married student hostels, external development and auditorium are in progress. It was explained by PWD that there has been delays in completion of works on account of demonetization, change in mining policy/non availability of key aggregates, implementation of GST etc. Additionally, there have been substantial delays on account of lack of co-ordination between various executing department i.e. Civil, Electrical and Public Health. PWD agreed to complete the balance works as per the following schedule:

S. No.	Description of Buildings/works	Target date as agreed by PWD
1	Married student hostels (50 rooms)	15.05.2019
2	Mess, Kitchen and 50 rooms of Girls hostel	15.07.2019
3	Balance 100 rooms of Girls hostel	31.10.2019
4	Auditorium (with all additional works)	30.06.2019
5	External development works (PH) – Phase-IV	30.06.2019
6	Electrical sub-station (Phase – IV)	30.06.2019
7	External development works (Phase-IV) Civil, Sports track and Playing fields	30.06.2019
8	Part boundary wall, Kapurthala end	31.12.2019
9	Renovation work for establishment of training and placement cell.	31.10.2019
10	Entrance gate No. 2	31.03.2020
11	Synthetic courts	30.06.2019
12	Swimming pool	31.03.2020
13	Renovation of seminar hall	31.07.2019
14	Renovation of banquet hall	30.09.2019

15	Establishment of gymnasiums: i. Outdoor ii. Indoor	15.06.2019 30.09.2019
16	Provision of vertical blinds in faculty offices	30.06.2019
17	Provision of popup irrigation system	30.09.2019

In addition to the above, it was agreed by PWD that all pre-requisite approvals for invitation of tenders for the works of Staff Residences, Indoor and Outdoor stadium, Workshop, Guest House, Gates, UGSR and STP (Phase V) and other approved works will be completed by PWD by 20.05.2019 and tenders for all these works will be invited in last week of May 2019.

It was explained by PWD officers that separate agencies are being engaged for execution of external Civil, Electrical and Public Health works and due to lack of co-ordination between the various agencies engaged, there have been delays in completion of works.

After detailed discussions and deliberations, it was decided that composite tenders will be invited for all external development works also and these works will be got executed by PWD (B&R) only. However, any specialized and/or independent works may be got executed by the concerned department with the consent of PWD (B&R).

Item.No. 54.4 : To consider and approve the revised floor plans and site layout plan of various type of residences proposed to be constructed at University's main campus, Kapurthala.

After detailed discussions and deliberations, committee approved the plans for Type-I and II residences. Architect was advised to prepare more options for Type-III, IV and V residences and present in the next meeting of the committee. Committee approved Option-I of Site layout plan of residences presented by the Architect.



Item No. 54.5 : To consider the concept plans and estimates of proposed lecturer theatre complex proposed to be constructed in academic area at University's main campus, Kapurthala.

After detailed deliberations and discussions, committee approved the location and concept plans of lecture theatre complex having 34 classrooms of following sizes in addition to other required facilities:

1. Classrooms of capacity 250 seats : 4 Nos.
2. Classrooms of capacity 150 seats : 6 Nos.
3. Classrooms of capacity 60 seats : 24 Nos.

There is a provision of 2 more classrooms having capacity of 60 seats. Rough cost estimates for this work amounting to Rs. 85.63 Crores has also been approved.

Architect was advised to prepare the detailed designing and estimation for this work.

Item No. 54.6 : To consider the concept plans and rough cost estimates of proposed dinning and kitchen area near girls hostel, APST campus, main campus, Kapurthala.

After deliberations, committee approved the concept plans of proposed dinning and kitchen area near girls hostel, APST campus, main campus, Kapurthala. Rough cost estimates for this work amounting to Rs. 116.81 lacs has also been approved.

Architect was advised to prepare the detailed designing and estimation for this work.



Item No. 54.7 : To consider and approve the scheme and estimates for provision of projectors, stainless steel cladding on reception columns and chairs & tables for stage with pop-up screen and microphone facilities in auditorium (under construction) at University's main campus, Kapurthala.

After detailed deliberations and discussions, committee approved the estimates for provision of projectors, stainless steel cladding on reception columns and chairs & tables for stage with pop-up screen and microphone facilities in auditorium (under construction) at University's main campus, Kapurthala as per the following details:

S. No.	Description of work	Estimated cost
1	Provision of Projectors (2 Nos)	Rs. 32.54 lacs
2	Stainless Steel cladding on columns	Rs. 13.65 lacs
3	Chairs & tables for stage with pop-up screen and microphone facilities	Rs. 53.70 lacs
	Total	Rs. 99.89 lacs

It was advised to PWD that sample of chairs to be got approved from IKGPTU before placing order.

Architect was advised to prepare the detailed designing and estimation for this work.

Item No. 54.8 : To consider and finalize the agency for execution of development works at various campuses of University.

At start of discussions on this agenda item, it was apprised by Chief Engineer, PWD that majority of the reasons for delay in completion of works at University's main campus, Kapurthala were beyond the control of PWD. It was explained that there has been delays in completion of works on account of demonetization, change in mining policy/non availability of key aggregates, implementation of GST etc. in addition to lack of co-ordination between various executing department i.e. Civil, Electrical and Public

Health. It was also stated by PWD officers that it will be ensured that all ongoing and future works will be completed as per the agreed schedule. Completion periods to be included in the tenders for major future works will be decided with the consent of IKGPTU. Committee advised PWD officers to submit their submission in writing.

After detailed deliberations and discussions, committee agreed to extend the validity of MOU signed between IKGPTU and PWD for a period of two years w.e.f. 01.02.2019 after receipt of PWD's submission in writing.

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

