



**ENGINEERING CELL
DELHI TECHNOLOGICAL UNIVERSITY**

Shahbad Daulatpur, Main Bawana Road, Delhi-110042

F.No: DTU/Engg. Cell/292/2013-14/General / 1645-58

Dated: 13.09.2022

MINUTES OF MEETING

Subject: - Minutes of the 15th meeting of Building & Works Committee of Delhi Technological University, Delhi held on 18th August, 2022.

The 15th meeting of Building & Works Committee, DTU held on 18th August, 2022 at 03:00 P.M. in Vigyan Hall, 2nd Floor, Administrative Building, Delhi Technological University.

The following were present during the meeting: -

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|--|---|-----------------|
| 1. Prof. J.P. Saini, Hon'ble Vice Chancellor, DTU | - | Chairman |
| 2. Prof. Madhusudhan Singh, Registrar, DTU | - | Member |
| 3. Prof. Nirendra Dev, Dean (Planning & Consultancy) | - | Member |
| 4. Sh. K.N. Rai, Former Advisor Special Projects | - | Member |
| 5. Prof. A.K. Srivastava, Chief Project Officer | - | Member |
| 6. Prof. M. Rizwan, Project Officer(Electrical) | - | Member |
| 7. Sh. Varun Singh, Associate Professor, DoD, DTU | - | Member |
| 8. Sh. J.K. Mishra, consultant (Civil) | - | Special Invitee |
| 9. Sh. Satish Kumar Sharma consultant (Civil) | - | Special Invitee |
| 10. Sh. Lakh Ram Panchal, Consultant (Electrical) | - | Special Invitee |
| 11. Sh. Mohit Tyagi, A.E. (Civil) | - | Special Invitee |

Sh A.K. Jain, Special Director General (CPWD) Retd., Sh. M.K. Mallick, Chief Engineer (Other Projects), & Sh. Pradeep Deswal, Executive Engineer, NSUT Could not attend the meeting because of their pre-occupations.

Agenda 15.1 : Opening Remarks by the Chairperson.

Chairperson welcomed all members of B&WC. He briefed the Committee members about the major construction activities that are being taken up by the University.

The CPO, DTU presented the followings items: -

Agenda 15.2 : Confirmation of the minutes of the 14th meeting of Building & Works Committee held on 16.10.2020.

It was informed that the minutes of the 14th meeting of Building & Works Committee was held on 16.10.2020 were circulated among all the members for kind perusal and comments, vide this office forwarding no. F.DTU/Engg.Cell/B&W/2020-21/1316 dated 23.10.2020, No comments have been received from any of the members. The Building & Works Committee decided to confirm the minutes of 14th meeting of the Building & Works Committee.

Decision: - BW&C has approved the minutes of 14th meeting of the Building & Works Committee held on 16.10.2020.

Agenda 15.3 : Action taken report on the decisions taken in the 14th meeting of the Building & Works Committee.

The Building & works Committee was apprised about the Action Taken Report on the decisions taken during the 14th meeting of the Buildings & Works Committee held on 16.10.2020 as given below:

Agenda No. 14.1 Review of progress of point of last meeting.		Action Taken
A.	Providing of Comprehensive Architectural & Engineering Consultancy service for Construction of SPS type (Three Storied) Gymnasium Hall at Sports Complex, DTU, Bawana Road, Delhi.	Consultancy tender was awarded to M/s Bhargava & Associates Pvt. Ltd. however, due to covid-19 pandemic the further process of work was hindered, now the mentioned work is combined with agenda no. 15.10 i.e. with the development of pond & student activity center.
B.	Providing of Comprehensive Architectural & Engineering Consultancy service for Remodeling/re-designing of M.S. space truss in between OAT & B.R. Ambedkar Auditorium, DTU, Bawana Road, Delhi.	Consultancy tender was awarded to M/s Bhargava & Associates Pvt. Ltd. However, due to covid-19 pandemic the further process of work was hindered.
C.	Providing of Comprehensive Architectural & Engineering Consultancy service for construction of SPS type Four Storied building at East Delhi Campus, DTU, Vivek Vihar, Delhi	Consultancy tender was awarded to M/s Swati Structure Solution Pvt. Ltd. however, due to covid-19 pandemic the further process of work was hindered. Now it is proposed to construct G+11 permanent building for optimal use of space.
D.	Providing of Comprehensive Architectural & Engineering Consultancy service for construction of Two Nos. SPS type (Single Storied) HRDC Centre, Civil Engineering Department, DTU, Bawana Road, Delhi.	This has been kept in abeyance.
E.	Providing of comprehensive Architectural & Engineering Consultancy service for C/o SPS type four storied building at Science Block, DTU, Bawana Road, Delhi.	This has been kept in abeyance.
F.	Providing of Comprehensive Architectural & Engineering Consultancy service for Providing and fixing lift/elevators (G+3) at Electronics Engineering, Civil Engineering, Electrical Engineering, Mechanical Engineering Department and Staff Quarter Type IV & Type V of DTU Campus.	Consultancy tender was awarded to M/s Swati Structures Solution Pvt. Ltd. And the execution of work was awarded to M/s Sunheri Bagh Builders Pvt.Ltd. The work is in progress and 30% of physical progress has been achieved.
G.	Providing of Comprehensive Architectural & Engineering Consultancy service for C/o SPS type four storied Central Instrumentation Centre (Research Centre) at main Campus, DTU, Bawana Road, Delhi	This has been kept in abeyance.

H.	Annual maintenance and operation of Civil, Electrical & Horticulture service at DTU Campus during the year 2019-20 and 2020-21 (Composite Work).	The work was completed and final bill has been done.
	Agenda No. 14.2 Approval of Rs. 2,67,14,274/- for Connecting bridge for New Gate near Canal at Delhi Technological University.	The work was awarded to I&WR Deptt., Haryana and Rs. 2,67,14,274/- deposited to I&WR Deptt., Haryana. Work is in progress

Decision: -

The Committee noted actions taken on the decisions/obviations made by it in its 14th meeting of the Building & Works Committee held on 16.10.2020 with the following additional recommendations: -

- The space truss work may be got started.
- The committee recommended the construction of G+11 permanent building in the East Delhi Campus of DTU for optimal use of space and plans the presentation accordingly.
- The CPO DTU has informed that the Construction of out of 30 nos the 22 no of lifts is in progress as 08 nos of lift has been reduced from the residential area due to induction of pile cap at the footing of existing buildings and 02 nos additional lifts (08 passengers for EV lab & 13 passenger for computer center has been proposed), the committee approved the same.
- On the discussion of the work which are pending/kept in abeyance mentioned in the action taken at agenda no 15.3, the committee suggested that the payment of respective Consultant/Architect may be processed as per the terms & condition of the agreement drawn.

Agenda No. 15.4: C/o Synthetic Track in Sports Complex, DTU.

Proposal is regarding up-gradation of sports facilities in Sports Complex of DTU main campus. In this regard, a meeting was held on 02-07-2021 at 1:30 P.M in Vigyan Hall in the chairmanship of Hon'ble Vice Chancellor DTU along with Registrar, DTU and other Committee members and it was submitted that there is requirement of construction of Synthetic Athletic Track (400 Mtr.) full PUR (Full Polyurethane) type 08 lane with warm up area at Sports Complex for students and faculty members. The synthetic track should be approved by IAAF/ World Athletics in running track as per specification and running track specification shall match the international standards. Accordingly, a draft estimate has been prepared amounting to Rs.8.00 Crores.

The Building & Works Committee was requested to approve the construction of Synthetic Track in Sports Complex, DTU, having estimated cost of Rs 8.00 crores.

Decision: - BW&C has approved the Agenda i.e. construction Synthetic Track in Sports Complex, DTU having estimated cost of Rs 8.00 crores.



Agenda No. 15.5: C/o Multistoried Building (New Administrative Block) (G+20) at DTU main Campus.

Proposal is regarding C/o of Multistoried Building at DTU main Campus. The Existing Space for various Departments likewise, T&P, Incubation center, Data Center, Computer Center are facing extensive space problems due to the expansion of university in respect of departments and curriculum's. Therefore, it has been decided to enhance the common facilities by constructing new Administrative Block (G+20) building near new building of Design Center and backside of Library building. In this regard, a meeting was held on 02-07-2021 at 3:00 P.M in Vigyan Hall in the chairmanship of Hon'ble Vice Chancellor DTU along with Registrar, DTU and other Committee members and it was submitted that there is requirement of construction of Multistoried (New Academic Building) (G+20) at DTU main Campus. Accordingly, a draft estimate has been prepared amounting to Rs. 225 crores. Work is proposed to be executed Through PWD, Delhi as deposit work.

The Building & Works Committee was requested to approve the construction of Multistoried Building (New Academic Block) (G+20), DTU, having estimated cost of Rs 225.00 crores.

Decision: - BW&C has approved the Agenda i.e. the C/o Multistoried Building (New Administrative Block) (G+20) at DTU main Campus having estimated cost of Rs 225.00 crores and also suggested that the DTU should ask the PWD, Delhi to arrange the presentation on the preliminary drawings related to the work at the earliest.

Agenda No. 15.6: C/o Boundary Wall of DTU Campus and Repair/remodeling of existing boundary wall of DTU Campus.

Proposal is regarding the C/o boundary wall and repair/remodeling of existing boundary wall. The existing boundary wall of DTU Campus was constructed many years ago. The existing boundary wall having the approximate length 3850 meter and got damaged from different locations like peeling of plaster, Longitudinal/transverse cracks, damaged fencing etc. have been arising along the boundary wall. The existing boundary wall is not able to withstand under this pathetic condition. The existing boundary wall may get be repaired/strengthened at some locations. In view to protect the access and ingress of people across the boundary. There is also requirement of raising the height of boundary wall wherever adjacent areas are raised with the existing boundary wall. In this regard a request of Security officer, DTU has been received and a draft estimate is prepared which is amounting to Rs. 6 Crores.

The Building & Works Committee was requested to approve the C/o Boundary Wall of DTU Campus and Repair/remodeling of existing boundary wall of DTU Campus, having estimated cost of Rs. 6 crores.

Decision: - BW&C has approved the Agenda i.e. the C/o Boundary Wall of DTU Campus and Repair/remodeling of existing boundary wall of DTU Campus having estimated cost of Rs. 6 crores.



Agenda No. 15.7: C/o SPS Type Mess for Newly Constructed Virangana Laxmibai Girls Hostel at DTU Main Campus.

Proposal is regarding the C/o of SPS type Mess for Newly constructed Girls Hostel at DTU Campus. While inspecting the Girl's Hostel it has been observed that there is no mess built in the hostel. Mess is a necessary facility for hostels and it should be inside the hostel premises. This has been also noted that students get very less time to take their meals during the classes and if there is mess located at far place from the hostel, it will be difficult for girl's student to take their classes and do other day to day activities. Moreover, it will be difficult for girl's students during night time and rainy seasons to take their meals at a distant place as it is not safe for them and also time taking. Also, a joint visit of Chief warden (Hostels) along with CPO and other officials of Engineering Cell was carried out and identified an area within the Hostel premises of Girl's Hostel on which 04 Storied (G+3) SPS type Structure may be constructed which may facilitate for 600 students dining area. Accordingly, a requisition was sent to PWD, Delhi and a estimate amounting to Rs 9.30 crores has been received from the PWD, Delhi for the work.

The Building & Works Committee was requested to approve the C/o SPS Type Mess for Newly Constructed Virangana Laxmibai Girls Hostel at DTU Main Campus having estimated cost of Rs. 9.30 crores.

Decision: - BW&C has approved the Agenda i.e. the C/o SPS Type Mess for Newly Constructed Virangana Laxmibai Girls Hostel at DTU Main Campus having estimated cost of Rs 9.30 crores with the following additional recommendations: -

- a) The work may be executed by the PWD, Delhi.

Agenda No. 15.8: Re-carpeting of Campus internal roads with cleaning of rain water lines of DTU Campus.

Proposal is regarding providing of re carpeting (top surface) to the existing (inside) roads of DTU main campus. It may be noted that the carpeting on existing roads was done approx. 07 years' back and their bituminous surface (top surface) are damaged due to heavy vehicular movements. Due to the construction of various projects i.e. Multipurpose hall, Design Centre, New academic blocks, Boys and girls Hostel etc. the top surface of existing roads have been worn out due to continuous abrasion from heavy vehicles. These have been created the pot holes on the top surface of existing roads which endanger the life of people moving over it and prone to accident as well. A rough cost has been worked out for total length of the roads in the campus including road side drain development, footpath etc. and estimated cost comes out to be Rs. 6 crores.

The Building & Works Committee was requested to approve the Re-carpeting of Campus internal roads with cleaning of rain water lines of DTU Campus, having estimated cost of Rs. 6 crores.



Decision: - BW&C has approved the Agenda i.e. Re-carpeting of Campus internal roads with cleaning of rain water lines of DTU Campus having estimated cost of Rs. 6 crores. with the following additional recommendations: -

- a) The cement concrete pavement may be adopted for the most used road routes.
- b) The proper drainage should be planned along with the re carpeting of roads.
- c) A detailed survey of existing services and drainage line may be done before the execution of the proposed work.
- d) The work may be executed by the PWD, Delhi.

Agenda No. 15.9: Augmentation and upgradation of HT & LT power line distribution with the replacement of panels at the main campus DTU.

Proposal is regarding augmentation and upgradation of HT & LT power line distribution with the replacement of panels at the main campus DTU. The old HT & LT power lines was laid many years before. Since, laying the HT & LT power lines and electric panels have not been replaced with the new one. As, the electricity load has been increased due to the increasing nos. of ACs installed in campus and increased infrastructure, it leads to create pressure to old existing HT & LT lines and panels. Due to increased load/ overburden to existing HT & LT power lines and panels, the electric faults are happening rapidly.

To run the electric system in smooth manner there is requirement of replacing the old HT, LT Power lines and panels with the new one.


The Building & Works Committee was requested to approve Augmentation and upgradation of HT & LT power line distribution with the replacement of panels at the main campus DTU having estimated cost of Rs. 17.0 crores.

Decision: - BW&C has approved the Agenda i.e. the Augmentation and up-gradation of HT & LT power line distribution with the replacement of panels at the main campus DTU having estimated cost of Rs. 17.0 crores with the following additional recommendations: -

- a) The sanctioned electricity load of the DTU campus may be reviewed and the planning of the proposed work may be done accordingly.
- b) The work may be executed by the PWD, Delhi.

Agenda No. 15.10 : Development of DTU Pond including student's activity centre.

Proposal is regarding the development of DTU Pond inside the DTU Main campus. The existing DTU Pond is filled up with waste water from many years ago. The water is percolating from adjoining areas in the pond and water gets logged in it. The nearby areas have been developed already with (G+8) academic block and (G+11) boys hostel. Accordingly, the premises of DTU pond required to be developed for the effective use by DTU students and staff in this area. Hence, it is proposed to develop DTU Pond including student's activity centre. The tentative estimate is prepared which is amounting to 30.60 crores which includes students' activity centre of G+3.



The Building & Works Committee was requested to approve the work of Development of DTU Pond Pond including Students Activity Centre inside the DTU campus having estimated cost of Rs 30.60 crores.

Decision: - BW&C has approved the Agenda i.e. the Development of DTU Pond including student's activity centre at DTU Main Campus having estimated cost of Rs 30.60 crores with the following additional recommendations: -

a) The work may be executed by the PWD, Delhi.

Supplementary Agenda No. 15.11 : Up-gradation of SPS classroom (01 to 14) to Smart Classroom at DTU main campus. (Civil & Electrical Works).

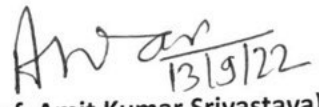
Proposal is regarding the Up-gradation of SPS classroom (01 to 14) to Smart Classroom at DTU main campus. During inspection of SPS classrooms, it is observed that there is issue of acoustics due to which proper decimation of lectures to all participating students is not up to the mark. It is felt that acoustics improvement is to be done for getting this problem solved and better communication. During the meeting with the Hon'ble VC, matter was discussed in detail and Hon'ble VC desired that existing SPS classrooms should be upgraded as per pattern of new classrooms constructed in the new academic buildings (AB3 & AB4). Accordingly, proposal is processed for obtaining A/A and E/S amounting to Rs 8.0 Crores

The Building & Works Committee was requested to approve the work of Up-gradation of SPS classroom (01 to 14) to Smart Classroom at DTU main campus. (Civil & Electrical Works) having estimated cost of Rs 8.00 crores.

Decision: - BW&C has approved the Agenda i.e. the Up-gradation of SPS classroom (01 to 14) to Smart Classroom at DTU main campus (Civil & Electrical Works) having estimated cost of Rs 8.00 crores.

Agenda 15.12 : Any other item with the permission of the Chair.

No fresh item was placed before the Committee.
The meeting ended with the vote of thanks to the chair.


(Prof. Amit Kumar Srivastava)
CPO, DTU

F.No: DTU/Engg. Cell/292/2013-14/General/1645-58

Dated: 13.09.2022

Copy to:

1. PS to Hon'ble V.C. for kind information of Hon'ble V.C., DTU.
2. Registrar, DTU for kind information please.
3. Dean (Planning & Consultancy), DTU.
4. Sh. A.K. Jain, Special Director General (CPWD) Retd., Flat 9-B, Tower- X, Meghdutam Apartments, Sector-50, NOIDA (UP)- 201301, Distt.-Gautam Buddha Nagar.
5. Sh. K.N. Rai, Former Advisor Special Projects, Ministry of Defence (DRDO), KN RAI, C4/4112, Vasant Kunj, New Delhi-110070.
6. Sh. Varun Singh, Associate Professor, DoD, DTU.

7. Sh. M.K. Mallick, Chief Engineer (Other Projects), PWD, 13th Floor, M.S.O. Building, I.P. Estate, New Delhi-110002.
8. Sh. Pradeep Deswal, Executive Engineer, NSUT, PWD (Electrical), D.G.E.R. Campus opposite D.P.S. Sec-3, Dwarka, New Delhi-110078.
9. Prof. M. Rizwan, Project Officer (Electrical), DTU.
10. Sh. J.K. Mishra, Consultant, EE (Civil), DTU.
11. Sh. Satish Kumar Sharma, Consultant, AE (Civil), DTU.
12. Sh. Lakh Ram Panchal, Consultant (Electrical), DTU
13. AE (Civil), DTU.
14. Guard file.


(Prof. Amit Kumar Srivastava)
13/9/22
CPO, DTU