



NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL
POST SRINIVASNAGAR, MANGALORE – 575 025

Grams: NITKS. Phone: (0824) 2474 000. Fax: (0824) 2474 033
E- mail: info@nitk.ac.in Website: <http://www.nitk.ac.in>

Minutes of the proceedings of the 10th meeting of the Building and Works Committee held on **July 05, 2008** (Saturday) at 3:00 PM in the Board Room, NITK, Surathkal. (i. e the meeting adjourned from June 13, 2008 to July 05, 2008)

Members present:

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|-----|---|------|------|--------------------|
| 1. | Prof. Sandeep Sancheti,
Director,
NITK, Surathkal, Mangalore – 575 025 | | | Chairman. |
| 2. | Sri B S Balakrishna Gowda, KES.
The Superintending Engineer,
PWD, Mangalore Circle,
Mangalore – 575 001. | | | Member |
| 3. | Sri Rajaram.
The Asst. Executive Engineer (Elect) i/c,
Electrical Sub-Division, PWD,
Mangalore Circle, Mangalore - 575 001 | | | Member |
| 4. | Prof. D V R Murthy,
Dean (P&D),
NITK, Surathkal, Mangalore – 575 025 | | | Special Invitee |
| 5. | Dr. M C Narasimhan,
Professor & Head, Civil Engineering Dept.,
NITK, Surathkal, Mangalore – 575 025. | | | Special Invitee |
| 6. | Dr. Varghese George
Faculty-in-charge, Estate and Works – i/c
NITK, Surathkal, Mangalore – 575 025. | | | Special Invitee |
| 7. | Dr. K P Vittal,
Faculty-in-charge, Electrical Works
NITK, Surathkal, Mangalore – 575 025 | | | Special Invitee |
| 8. | Sri Laxmisha Yediyal
Resident Engineer,
NITK, Surathkal, Mangalore – 575 025. | | | Special Invitee |
| 9. | Sri Y Ram Mohan,
Asst. Registrar (Acts)/ Deputy Registrar (Acts) i/c,
NITK, Surathkal, Mangalore – 575 025 | | | Special Invitee |
| 10. | Mr. P S Sathyamurthy,
Assistant Engineer,
Office of the Superintending Engineer,
PWD, Mangalore Circle, Mangalore. | | | Special Invitee |
| 11. | Dr. M Govinda Raj
Registrar,
NITK, Surathkal, Mangalore – 575 025 | | | Member – Secretary |

Members absent:

1. **Sri Madan Mohan, Member**
Director (NITs'),
Dept of Secondary & Higher Education, MHRD, Govt. of India, Room No. 528 – C Wing,
Shastri Bhavan, **New Delhi.**
2. **Prof. K Balaveera Reddy, Member**
House No 10, 4th A Cross,
Palmgrove Estate, 2nd Block, HRBR Layout, Kalyan Nagar,
Bangalore – 560 043.
3. **Prof. G K Shivakumar, Member**
Dean (Administration),
NITK, Surathkal. **Mangalore – 575 025**
4. **Sri Ekambaram Member**
The Executive Engineer, Central PWD,
Mysore Central Division, T Narasipura Road, Siddarthnagar,
Mysore. – 570 011.
5. **Sri S Mohan Special Invitee**
Deputy Secretary – Finance,
Dept of Secondary & Higher Education MHRD, Govt. of India,
Shastri Bhavan, **New Delhi.**

The Chairman of the Building and Works Committee welcomed the members. It was informed to the Committee that though the quorum for conducting the meeting was available during the earlier meeting date of June 13, 2008, the Chairman desired to discuss the agenda items with inputs from external members, who were absent for the meeting due to unforeseen circumstances. Hence the meeting was adjourned for July 05, 2008 so as to facilitate external members to participate in the meeting.

- A. **Confirmation of the minutes of resolution passed in the previous (9th) meeting of Building and Works Committee held on March 01, 2008:**

The minutes of the 9th meeting of the Building and Works Committee held on March 01, 2008 were confirmed.

- B. **Review of the action taken on the resolutions passed in the previous (9th) meeting of Building and Works Committee held on March 01, 2008:**

The action taken on the various resolutions passed in the previous (9th) meeting of the Building and Works held on March 01, 2008 were noted.

It was informed to the Committee that the work of RCC open well behind CCE and Yogic science building, the estimate of which was approved for Rs.13.20 lakh in the previous meeting of the B&W Committee under Resolution No. 5 (a), had been cancelled as per the suggestions of the Geologist.



- C. Subjects directly placed before the 10th meeting of the Building and Works Committee held on July 05, 2008.

10th B&W C – Item No. 1: Construction of Mega Hostel Complex in NITK, Surathkal – Progress of work as on June 30, 2008 – Reg.

The progress, both the physical and financial, of Mega Hostel Complex was briefed to the Committee. It was also informed that the overall progress is lagging behind by about 40 days and necessary directions had already been issued to the Executing agency to speed up the work.

The Committee noted the same.

10th B&W C – Item No. 2: Construction of

- (a) Vehicular underpass across the National Highway – 17 at KM Chainage 357.957 to connect eastern and western parts of the campus – Approval of the proposal for Rs.275 lakh
- (b) Approach road for connecting the vehicular underpass and retaining wall – Approval of the estimate for Rs.180 lakh

It was informed to the Committee that the proposal of construction of vehicular underpass across NH – 17 in front of NITK Guesthouse for interconnecting eastern and western parts of the NITK Campus was approved in principle in the 7th meeting of the Building and Works Committee held on 17.03.2007. The preliminary project cost was estimated as about Rs.10.10 crores. It was further informed that the B&W Committee in its 8th meeting held on 27.07.2007 had approved the proposal of appointing Centre for Science and Industrial Consulting (CSIC), Indian Institute of Science, Bangalore as consultants for the said project. The revised preliminary project cost was around Rs.6.00 crores as estimated by the IISc., Bangalore. It was further informed that the NHAI did not agree to grant clearance to execute the underpass work by NITK, but the NHAI shall execute the same on 'Cut and Cover' method instead of 'Trench-less Jack pushing', on "Deposit Work" basis. Considering the site location, it was also suggested by them to shift the underpass location to Chainage KM - 357.975 KM from the earlier proposal of Chainage KM - 358.05 (in front of Guesthouse). The new location Chainage KM – 357.975 is in the next phase of four-laning project and this section is not a part of present phase of four-laning work being undertaken by the NHAI. In view of this, the project proposal had to be modified as above. After discussions, the following resolutions were passed:

- (a) *The Committee resolved to approve the estimate for Rs.275 lakh for the construction of vehicular underpass across the National Highway 17 (Chainage KM 357.957) to connect the eastern and western parts of the campus. The Committee further resolved to get the work executed on "Deposit Work" basis through the National Highway Authority of India or the National Highway Division of the Public Works Department of the State Government as the case may be.*
- (b) *The Committee resolved to approve the estimate for Rs.180 lakh for the formation of approach road for connecting vehicular underpass and road side retaining wall.*

The above decision will be in suppression of all earlier decisions taken up in the matter.



10th B&W C – Item No. 3:

Providing electrification to additional building for Applied Mechanics Department (G+1 floors) – Approval of the sub-estimate for Rs.16.83 lakh

The Committee noted that the present modified sub-estimate for Rs.16.83 lakh placed before the Committee for approval is in pursuance of the Resolution No. 6 of the 9th meeting of the Building and Works Committee held on March 01, 2008 for re-checking the provisions made in the estimate for Rs.25.96 lakh presented before the Committee for approval.

The various provisions made in the present modified sub-estimate were briefed to the Committee. The reasons for increase in sub-estimate amount over and above the lumpsum provision of Rs.4.00 lakh made in the original estimate were also briefed to the Committee. It was informed to the Committee that the civil works are under completion stage and final finishing works have to be taken up simultaneously along with the electrical works. After discussions, the following resolutions were passed:

"The Committee resolved to approve the sub-estimate for Rs.16.83 lakh for providing electrification to additional building for Applied Mechanics Department (G+1 floors). The Committee further resolved to finalize the tendering process at the earliest for fixing up the electrical contractor."

10th B&W C – Item No. 4:

Construction of RCC Sump tank of 2 lakh liters capacity near the OHT at staff quarters area – Approval of the estimate for Rs.13.00 lakh.

The necessity of the work and the provisions made in the estimate were explained to the Committee. After discussions, the following resolution was passed:

"The Committee resolved to approved the estimate for Rs.13.00 lakh for the construction of RCC sump tank of 2 lakh liters capacity near the OHT at staff quarters area"

10th B&W C – Item No. 5:

Construction of 2 nos. of RCC Sump tanks of 65,000 liters capacity for 7th and 8th Boys' hostel buildings – Approval of the estimate for Rs.12,97,500

The necessity of the work and the provisions made in the estimate were explained to the Committee. After discussions, the following resolution was passed:

"The Committee resolved to approved the estimate for Rs.12,97,500 for the construction of 2 nos. of RCC sump tank of 65,000 liters each for 7th and 8th boys' hostels"



10th B&W C – Item No. 6: Providing one passenger Lift for the IT building (having G + 4 floors) – Approval of the estimate for Rs.19.00 lakh

The necessity of providing passenger lift for the present building having ground and four floors and the provisions made in the estimate were briefed to the Committee. During the discussion, it was suggested that instead of taking quotations [for the Lift, which is a non-SR item] on enquiry for budgetary estimate purpose as done in the present case, a brief newspaper notification may be given for Expression of Interest (Eoi).

After discussions, the following resolutions were passed:

"The Committee resolved to approve the proposal of providing passenger lift to the IT building. The Committee further resolved to publish in the newspapers the brief details of the passenger lift required through an Eoi and notice inviting tender (NIT)."

10th B&W C – Item No. 7: Providing one passenger Lift for the Main building – Approval of the estimate for Rs.13.00 lakh.

The necessity of providing passenger lift to the main administrative building and the provisions made in the estimate was briefed to the Committee. After discussions, the following resolutions were passed:

"The Committee resolved to approve the proposal of providing passenger lift to the Main administrative building and follow the suggestions for taking quotations as in Item No. 6 above".

10th B&W C – Item No. 8: Providing AC sheet roofing over the terrace of IT building – Approval of the estimate for Rs.14.00 lakh

It was informed to the Committee that this item is withdrawn in view of inclusion of an additional agenda item for the proposed construction of 5th and 6th floor over IT building under Item No. 14.

The Committee noted the same.

10th B&W C - Item No. 9: Providing concrete interlock pavement, construction of drains and tree guards in front of IT building and Computer Engineering building – Approval of the estimate for Rs.13.50 lakh

The necessity of providing concrete interlocking pavement in front of the IT building and other related works proposed in the estimate was explained to the Committee.

After discussions, the following resolution was passed:

"The Committee resolved to approve the estimate for Rs.13.50 lakh for providing concrete interlock pavement, construction of drains and tree guards in front of IT building and Computer Engineering building"

(Continued)



10th B&W C- Item No. 10: **Construction of new Mega hostel for lady students – “Go-ahead” approval for the proposal**

The necessity of additional accommodation facility required to be kept ready for the lady students in view of increasing student intake in the coming years was briefed to the Committee.

After discussions, the following resolutions were passed:

“The Committee resolved to construct a new hostel building for lady students and call it as ‘New Ladies Hostel building’ instead of ‘Mega ladies hostel’. The Committee further resolved that the foundations of the proposed building may be designed for ground + six floors. However, the construction may be taken up in phases and the first phase shall be for ground plus two or three floors to provide accommodation for about 250 to 300 single bedded rooms. Necessary plan and project estimate may be placed before the next meeting of the Committee for approval”.

10th B&W C – Item No. 11: **Construction of apartment for Assistant Professors (G + 2 floors) – “Go-ahead” approval of the proposal.**

The necessity of creation of additional residential accommodation for the teaching faculty in view of recruitment of additional teaching staff was briefed to the Committee. After elaborate discussions, the following resolutions were passed:

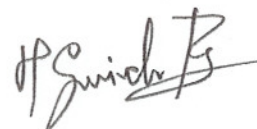
- (a) *The Committee resolved to construct two blocks of apartment having ground + two floors for Assistant Professors accommodating total 12 units. The detailed plan and project estimate may be placed before the next meeting of the Committee for approval.*
- (b) *The Committee further resolved to construct two blocks of apartment having ground + two floors for Lecturers accommodating total 12 units. The detailed plan and project estimate may be placed before the next meeting of the Committee for approval.*

10th B&W C – Item No. 12: **Construction of Additional space for Campus Amenity building occupied by NITK English Medium School – “Go-ahead” approval of the proposal.**

The necessity of creation of additional building space for the Campus amenity was briefed to the Committee. After discussions, it was proposed to provide the additional space in phases and resolved as follows:

- (A) *The Committee resolved to construct 2nd floor (North wing) over the Campus amenity building occupied by the NITK English Medium school.*
- (B) *The Committee resolved to construct additional building (ground + 2 floors with foundations designed for G+2 floors) at eastern side of eastern wing of the Campus Amenity building occupied by the NITK English Medium School.*
- (C) *The Committee resolved to construct 2nd floor over the Campus Amenity building in front of Ladies Hostels occupied by the NITK Kannada Medium school.*

(Continued)



"The Committee resolved to approve the increase in the quantity of steel reinforcement occurred on account of actual structural design and approve the Revised estimate for Rs.157 lakh in respect of construction of additional building for Applied Mechanics Department"

Any other items:

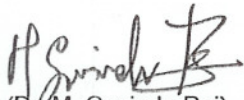
(a) Master plan of the Campus:

The Chairman, Building and Works Committee had recalled the resolutions of one of the meeting of the B&W Committee regarding the "Master Plan" to be prepared. Since approval of the BOG has to be obtained to the Master Plan, the Chairman requested the concerned officials to take immediate steps on the subject matter and place it before the next meeting of the Building and Works Committee.

(b) Solar Street lights:

The Committee discussed the necessity of providing solar light facility at strategic locations in the Campus. After deliberations, the Committee resolved to provide about 30 to 50 solar lampposts at suitable locations.

The meeting ended with vote of thanks to the Chair.



(Dr. M. Govinda Raj)
Member Secretary,
Building and Works Committee.



(Prof. Sandeep Sancheti)
Chairman,
Building and Works Committee.