



## MINUTES

Minutes of the *Fifty ninth* meeting of the *Building & Works Committee (B&WC)* of Sardar Vallabhbhai National Institute of Technology Surat held on **Monday, the 12<sup>th</sup> October 2015**, at 10:00 a.m. onwards in the **Hotel J.R.D. Exotica, A-1/284, Safdarjung Enclave, New Delhi-110029.**

The following were present :

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|----|---|---|------------------|
| 1) | Prof. Sudhir K. Jain  | : | Chairman         |
| 2) | Shri A.K. Jain  | : | Member           |
| 3) | Prof. C. H. Solanki   | : | Member           |
| 4) | Shri Rajesh Singh Solanki<br>(Representative of MHRD nominee) | : | Member           |
| 5) | Prof. B. J. Batliwala   | : | Invitee          |
| 6) | Prof. H. R Jariwala   | : | Invitee          |
| 7) | Prof. D. P. Vakharia  | : | Member Secretary |

At the outset, the Chairman welcomed all the attendees. He also thanked Shri A.K. Jain for accepting to be the member of B&WC and attending the meeting first time. Thereafter, he took up the agenda items for discussion.

**Item.1** : To confirm the minutes of the 57<sup>th</sup> & 58<sup>th</sup> meeting of Building & Works Committee held on 08/01/2015 & 12/06/2015 respectively

**Reso.1** : The committee resolved to confirm the minutes of the 57<sup>th</sup> & 58<sup>th</sup> meetings of Building & Works Committee held on 08/01/2015 & 12/06/2015 respectively.

**Item.2** : To note and approve the action taken on the resolutions passed in the 57<sup>th</sup> & 58<sup>th</sup> meeting of Building & Works Committee held on 08/01/2015 & 12/06/2015 respectively.

**Reso.2** : The committee resolved to note and approve the action taken on the resolutions passed in the 57<sup>th</sup> & 58<sup>th</sup> meeting of Building & Works Committee held on 08/01/2015 & 12/06/2015 respectively as given at Appendix 2.1 and 2.2 of the agenda.

**Item.3** : To consider and discuss the status of work for Constructing Multipurpose Space Frame at the SVNIT, Surat.

**Reso.3** : On recommendation of building & works committee, the Board in its 36<sup>th</sup> meeting held on 27/06/2014 approved the work for constructing Multipurpose Space Frame at SVNIT with preliminary estimated cost of Rs. 536.41 lac. However M/s. Prasar Bharti, Vadodara vide its letter dated 31/03/2015 proposed about additional cost of Rs. 1.75 crores in respect of review drawing of space truss based on 55 m/sec wind speed and confirming to Euro standards, addition of stage area for uniformity and side of stage proposed to be covered into Green Room with covering. An excess of Rs. 0.36 crores was also proposed in respect to substitute item against the tender item of poly carbonate sheet with the sheet having length confirming to the total length of truss to eliminate the chance of seepage of water through joints.

The B&WC in its 58<sup>th</sup> meeting held on 12/06/2015 decided to review whole scope of the work and to ask Prasar Bharti to submit the deviation statement to justify the cost implications. Subsequently, a number of discussions took place between Prasar Bharti and the Institute officials (with participations of external experts). In this context, M/s. Prasar Bharati had submitted the deviation statement which included provision of gutter and also agreed to limit the contingencies up to 0.25% only against original

provision of 3%. The final cost of the work came out to be Rs. 557.80 lac against the original administrative approval of Rs. 536.41 lac (preliminary estimate approved in 55<sup>th</sup> meeting of Building & Works Committee) which is only 3.99% above. M/s. Prasar Bharti consented to complete the work within 3 months after approval of deviation item statement from institute.

The committee resolved to recommend to the Board to approve the final cost of Rs.557.80 lac (which is 3.99% above the preliminary estimated cost) against the original preliminary estimated cost of Rs.536.41 lac for constructing Multipurpose Space Frame at the SVNIT, Surat.

**Item.4 :** To undertake the work of replacement of existing A.C. pressure pipe line with D. I. pipe line and Construction of Underground Sump at the Campus.

**Reso.4 :** The committee after careful consideration of the proposal, resolved to recommend to the Board to approve the estimate of Rs.2.97 crores for D.I. Pipe Line including 20 lac liters underground sump with pump house and pumping machinery (including 5% contingencies, 2% work charge establishment and 17.85% establishment tools and plants) submitted by GWSSB (Government of Gujarat Undertaking), and recommend the same to the Board of Governors for Administrative Approval and Expenditure Sanction.

B&WC also suggested that the institute may request GWSSB to consider reduction in establishment tools and plants charges of 17.85%. B&WC authorized the Director, SVNIT to decide the issue after receiving response from GWSSB.

**Item.5 :** To consider and report for the additional work already carried out at Sarabhai Bhavan through ongoing agency M/s. R. O. Agrawal of Surat (Post Facto).

**Reso.5 :** The committee resolved to the post facto sanction for the estimated cost of

Rs.19,18,300/- for the additional colour work carried out at Sarabhai Bhavan through ongoing agency M/s. R.O. Agrawal of Surat.

**Item.6 :** To consider the proposal of "Electrical Installation of air-conditioner and other electrical accessories at Advanced Research Centre for Civil Engineering Department at SVNIT, Surat."

**Reso.6 :** The committee noted that construction of some buildings were already completed but could not be used due to non-execution of certain electrical works (cables, fans, light fittings, LT Panels, safety requirements, wiring etc.). Hence, the committee decided that this work should be completed on priority so that the academic buildings are commissioned, with installations, tested and power supply provided.

Further, the committee was informed by Dean (P&D) that the Institute had recently approached NBCC to carry out the above works for which they are willing and that NBCC has submitted the proposal vide reference No. GM/NBCC/SVNIT/15/1447 dated 09/10/2015 for item No.s 6 to 10 with following details:

BWC Agenda Item No.	Work	Name of the	Estimated Amount submitted by NBCC in Rs.	Estimated Amount submitted by SVNIT
6	Electrical Installation of air-conditioner and other electrical accessories at Advanced Research Centre for Civil Engineering Department.		Rs.51,15,361/-	Rs.44,53,650/-
7	Electrical Supply provision of lighting load and air-conditioner load of extension of production engineering, extension of advanced manufacturing lab, extension of MED workshop and extension of Computer		Rs. 31,83,750/-	Rs.31,47,079/-

	engineering department at SVNIT, Surat.		
8	Electrical Supply provision of lighting load and air-conditioner load of extension of mechanical engineering department, extension of fluid mechanics lab, extension of HMT lab and extension of IC Engine lab at SVNIT, Surat.	Rs.28,41,782/-	Rs.28,25,324/-
9	Additional Electrical work at Extension of Chemical Engineering Department at SVNIT, Surat.	Rs.10,02,272/-	Rs.8,85,495/-
10	Internal electrification to separate Air-conditioner power supply from main panel of existing air-conditioner of Civil Engineering Department, Applied Mechanics Department, Chemical Engineering Department, Applied Science Department and ADM building at SVNIT, Surat	Rs.10,13,058/-	Rs.8,85,800/-
	Total Amount	Rs. 1,31,56,223/-	Rs.1,21,97,348/-

The agency charges of NBCC is @ 8.5% on Rs.1,31,56,223 which works out to be Rs. 11,18,279/-. The total estimated amount for all the five works mentioned above is Rs 1,42,74,502/- which includes 8.5% agency charges as per NBCC estimate.

The B&WC noted that there is some difference in the estimates by NBCC and those prepared by SVNIT which is within reasonable range and that these are only estimates for works that will be put to tender in due course.

The committee also noted that except Advanced Research Centre, rest all

the new buildings were constructed by NBCC and thus it may be advantageous to get the electrical works done through NBCC so that the entire work responsibility will remain with them. The committee requested Shri A.K. Jain, B&WC member to take stock of the capacity of SVNIT to undertake these works and advise whether the work should be undertaken by SVNIT directly or through NBCC. Based on his advice, the Institute may decide whether to give the work to NBCC or execute directly.

The committee resolved to recommend to the Board to grant Administrative Approval and Expenditure Sanction for total amount Rs. 1,42,74,502/- to undertake the works listed in Agenda items 6,7,8,9 and 10.

**Item.7 : To consider the proposal of "Electrical Supply provision of lighting load and air-conditioner load of extension of production engineering, extension of advanced manufacturing lab, extension of MED workshop and extension of Computer engineering department at SVNIT, Surat."**

**Reso.7 : Refer Resolution No. 6 above.**

**Item.8 : To consider the proposal of "Electrical Supply provision of lighting load and air-conditioner load of extension of mechanical engineering department, extension of fluid mechanics lab, extension of HMT lab and extension of IC Engine lab at SVNIT, Surat."**

**Reso.8 : Refer Resolution No.6 above.**

**Item.9 : To consider the proposal of "Additional Electrical work at Extension of Chemical Engineering Department at SVNIT, Surat."**

**Reso.9 : Refer Resolution No.6 above.**

**Item.10 : To consider the proposal of "Internal electrification to separate Air-conditioner power supply from main panel of existing air-conditioner of Civil Engineering Department, Applied Mechanics Department, Chemical Engineering Department, Applied Science Department and ADM building at SVNIT, Surat."**

**Reso.10 :** Refer Resolution No.6 above.

**Item.11 :** To consider the proposal of "Annual Electrical Operation and Maintenance Contract for SVNIT Campus at SVNIT, Surat."

**Reso.11 :** The committee resolved to recommend to the Board to approve the estimate for the work of Annual Electrical Operation and Maintenance Contract for SVNIT Campus at SVNIT, Surat at the total estimated cost of Rs.96,34,229/- which is including expenditure on Provident Fund contributions, Service Tax, Profit and Approximate work compensation policy premium (APPENDIX-11.1 of the Agenda), by inviting open tenders.

**Item.12 :** To consider the proposal of "Annual Electrical Operation and Maintenance Contract for 22 KV HT substations includes maintenance of transformer, VCB, HT control panel, GOD switches 22 KV underground cable etc at SVNIT, Surat and Annual Operation and Maintenance contract for Diesel Generator Set at SVNIT, Surat."

**Reso.12 :** The committee resolved to recommend to the Board to approve the estimate for the work of Annual Electrical Operation and Maintenance Contract for 22 KV HT substations includes maintenance of transformer, VCB, HT control panel, GOD switches 22 KV underground cable etc at SVNIT, Surat and Annual Operation and Maintenance contract for Diesel Generator Set at SVNIT, Surat at the total estimated cost Rs.51,32,144/- including Provident Fund, Service Tax, Profit and Approximate work compensation policy premium (APPENDIX-12.1 of the Agenda) by inviting open tenders.

**Item. 13** Items Discussed with permission of Chairman.

**Reso. 13** (i) It was decided that all the MoUs signed between NBCC and SVNIT for construction of various buildings may be studied/reviewed in detail with the help of external experts and modifications if any suggested by them

may be put for considerations of B&WC for inclusion in the MoUs of future works.

(ii) B&WC felt that the space allocations to various departments/sections particularly in the new buildings need to be completed by the Space Planning and Allocation Committee for optimum use at the earliest.

(iii) It was decided that the Chairman B&WC may include experts from reputed organizations (retired or serving) as special invitees in future B&WC meetings to get better engineering/construction inputs.

The meeting ended with vote of thanks to the Chair.



**(Dr. D. P. Vakharia)**  
Incharge Registrar  
Member Secretary



**(Prof. Sudhir K. Jain)**  
Chairman  
Building & Works Committee