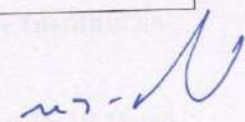


**Second Meeting of Building and Works Committee of
National Institute of Technology, Uttarakhand**

Date : 28 October, 2013
Time : 11:00 am
Venue : Meeting Room, Civil Department, IIT- Roorkee, Uttarakhand

Agenda

Item No.	Items	Annexure	Page No
BWC 02.01	Confirmation of minutes of First meeting of Building and Works Committee	Annexure BWC 02.01	4-8
BWC 02.02	Action Taken Report	-	-
BWC 02.03	Finalization of Agency for establishing the Permanent Campus for the Institute on 'Concept to Commission Basis'	Annexure BWC 02.02	9-14
BWC 02.04	Approval to start the work of Master Plan	-	-
BWC 02.05	Approval to Constitute Advisory Committees to discuss designs submitted by the construction agency.	-	-
BWC 02.06	Approval for the additional cost for foundation of the building constructed in ITI.	Annexure BWC 02.03	15-26
BWC 02.07	Approval for construction of Pre-fabricated structure for Civil Engineering Department.	-	-
BWC 02.08	Approval for construction of Pre-fabricated Hostel in Polytechnic Campus	Annexure BWC 02.04	27-31
BWC 02.09	Any other item with permission of the Chair	-	-



Director

**Second Meeting of Building and Works Committee of
National Institute of Technology, Uttarakhand**

BWC 02.01 Meeting of minutes of the First meeting of Building and Works Committee

Minutes of the First Meeting of Building and Works Committee were circulated on 30th August 2013. Except for Mr. B P Singh, no other member offered any comments. Comments offered by Mr. B P Singh are annexed in **Annexure BWC 02.01**.

BWC is requested to deliberate and confirm the minutes.

BWC 02.02 Action Taken Report

Agenda Item No.	Agenda Item	Action Taken
BWC 01.01	Ratification of Expenses Approved by Chairman BWC	-
BWC 01.02	To approve the detailed estimate for construction of Pre-fab structure for Girls Hostel on the roof of Mechanical Block in the temporary campus of NIT Uttarakhand, Srinagar Garhwal.	Implemented
BWC 01.03	To approve the detailed estimate for construction of two storey Pre-fab structure for Civil Engineering Department in the campus of ITI, Srinagar Garhwal.	Revised proposal placed as Agenda Item No. BWC 02.07
BWC 01.04	To approve the additional cost for removal of sandy silt and back filling.	Implemented
BWC 01.05	To Approve detailed estimate for preparation of playground in ITI Campus.	Implemented
BWC 01.06	To approve the DPR for Institute.	Submitted to MHRD

BWC 02.03 Finalization of Agency for establishing the Permanent Campus for the Institute on Concept to Commission basis.

The allocation of land has been finalized to the Institute vide F.21-10/2010.TS.III Dated 4th October 2013. The Institute is in its fourth year and establishment of permanent Campus needs to be completed expeditiously. In case Institute goes for an open advertisement for selection of the agencies to build the campus, the process will be further delayed. To save time, it is proposed to assign the work to a Govt. Agency, which saves time for tendering. It is further proposed that the whole work be given to a single agency as it will help in developing the campus integrating all the services.

In Garhwal region of Uttarakhand, there are two CFTIs namely H.N.B. Garhwal University at Srinagar (Garhwal) and IIT at Roorkee. Both the Institutes have assigned a major share of work to **National Buildings Construction Corporation Ltd. (NBCC)**. The agency has a major presence in Uttarakhand and is competent to handle projects of the scale of developing NIT campus. The agency has also a good track record of timely completion of the projects.

As per GFR Rule 126(2), original works of any value may be assigned to any PWO and NBCC Limited, a Mini Ratna PSU under the administrative control of Ministry of Urban Development, is a PWO. Relevant documents are enclosed as Annexure BWC 02.02.

Under the given circumstances, it is justified to propose to assign the entire work of campus establishment on Concept to Commission Basis to **National Buildings Construction Corporation Ltd. (NBCC)**.

The BWC is requested to approve NBCC Ltd. as the construction agency to establish permanent campus of NIT, Uttarakhand on Concept to Commissioning basis.

BWC 02.04 Approval to start the work of Master Plan

Ministry of Human Resource Development, Government of India has given the permission to establish the permanent campus at Sumari. In order to save time, it is proposed that the work for preparation of the Master Plan should be assigned immediately to the finalized agency even before physical/administrative handing-taking over of the land takes place.

The Chairman BWC may be authorized to approve the estimate submitted by the agency for Master Plan and award the work to that agency which shall be ratified by the BWC.

BWC 02.05 Approval to Constitute the Advisory Committees to discuss designs submitted by the construction agency

The institute does not have specialized and experienced staff / faculty in the area of Civil Engineering and Architecture. Since it is not possible to assess the suitability of design proposed by the construction agency, it is proposed that the advisory committees shall be constituted to provide expert advice on the designs submitted by the agency.

It is proposed that-

- a. The advice on Architectural designs may be sought from two committees drawn from IIT, Roorkee and VNIT, Nagpur.
- b. The advice on Civil and Electrical Engineering issues may be taken from committee drawn from IIT, Roorkee.
- c. Director, NIT Uttarakhand may be authorized to select members on the advisory committees.
- d. Director, NIT Uttarakhand may be authorized to pay suitable honorarium/charges to the committee members.

BWC 02.06 Approval for the additional cost for foundation of the building to be constructed in ITI

As directed in the First BWC, revised design and estimate of foundation was sought from NBCC. The foundation design was approved by Professor M. N. Viladkar IIT Roorkee. The NBCC Ltd has given an approximate estimate of ₹1.00 Crore for two buildings. Detailed estimate shall be tabled during the meeting. Details are provided in Annexure BWC 02.03

The total cost of Construction is now as under:

a. Mechanical Engineering	:	₹2,83,25,000/-
b. Electrical Engineering	:	₹2,83,25,000/-
c. Site Development	:	₹22,66,000/-
d. Additional Cost of Pile Foundation	:	₹1,00,00,000/-
Total	:	₹6,89,106,000/-

Permission may be granted for revised estimate of ₹6,89,16,000/- for the pre-fabricated construction on pile foundation and execution of Mechanical and Electrical Engineering Blocks.

BWC 02.07 Approval for construction of Pre-fabricated structure for Civil Engineering Department.

The Board of Governors has approved in principle the proposal for construction of Block for Civil Engineering Department at ITI campus. NBCC Ltd., the construction agency executing the Engineering Blocks at ITI Campus are ready to undertake the construction of the third building at the same rate.

The total cost of Construction for new block is as under

a) Civil Engineering Department	:	₹2,83,25,000/-
b) Additional Cost of Pile Foundation	:	₹50,00,000/-
Total	:	₹3,33,25,000/-

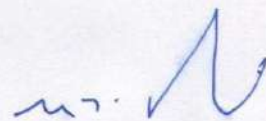
Permission may be granted for estimate of ₹3,33,25,000/- for the pre-fabricated construction on pile foundation and execution of Civil Engineering Block.

BWC 02.08 Approval for construction of Pre-fabricated Hostel in Polytechnic Campus

Finance Committee has approved the budget for the construction of a Pre-fabricated hostel in the Polytechnic Campus and the Board of Governors has approved it in principle. The Institute has received design and estimate of the hostel from UPRNNL, Srinagar. Design and detailed estimate are enclosed as Annexure BWC 02.04. Permission may be granted for the estimate of ₹1,20,50,000/- for the pre-fabricated construction and execution of Hostel Block.

Proposal for pre-fab construction for Hostel may kindly be approved at a cost ₹120.50 lakhs.

BWC 02.09 Any other item with permission of the Chair



DIRECTOR

No-03--