



NATIONAL INSTITUTE OF TECHNOLOGY, RAIPUR

No. NITRR/R-1/2015/ 336

Dated : 12/10/2015

Minutes of 18th meeting of Building and Works Committee was held on 12/10/2015 in the Conference Hall of NIT Raipur.

The following were present in the meeting:

1. Dr. Sudarshan Tiwari, Director, NIT, Raipur - Chairman
2. Dr. L. K. Mishra, Associate Professor, MNNIT, Allahabad - Member
3. Shri Bramha Dutt, Executive Engineer, CPWD, Raipur - Member
4. Shri V P Chauhan, Executive Engineer CPWD, Raipur - Member
4. Dr. G. D Ramtekkar Dean (Planning & Development) - Member
5. Shri. P Y Dhekne Registrar (Offg.), NIT Raipur - Member Secretary
6. Shri Suraj Pratap Srivastava, Executive Engineer, NIT Raipur - Special Invitee

Chairman welcomed all the members and invitee present in the 18th meeting of Building and Works Committee. Member Secretary commenced the proceedings of the meeting with the kind permission of the Chair.

At the outset, the Member Secretary requested the representative of EP (I)L and CPWD to present the status report of their projects undergoing in the institute. The representative of EP (I) L and CPWD appraised the members about the status report of their projects undergoing in the institute.

Item No. : 18.1 To confirm the minutes of 17th meeting of Building and Works committee held on 21/05/2015.

The minutes of the 17th meeting of Building and works committee held on 21/05/2015 were circulated amongst the members. The committee confirmed the minutes as no comments were received from any of the members.

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Item No. 18.2 To report action taken on the recommendations of 17th meeting of Building and Works Committee held on 21/05/2015.

The actions taken on the minutes of 17th meeting of Building and Works Committee held on 21/05/2015 were noted.

Item No. 18.3 To consider and recommend the construction activities at new campus of NIT Raipur at village Rakhi Bharenga.

Dean (P&D) informed that 204.08 Acres (82.593 Hect.) of land has been allocated to NIT Raipur for the development of NIT Raipur. The land is available in two stretches (i) 149.6 Acre and (ii) 54.48 Acre. Both the stretches are located on old Dhamtari Road opposite village Bharenga and are approximately 30 km away from the existing campus of NIT Raipur. The master plan (zoning plan) of the campus has already been approved by the 19th FC and 24th BOG. The work of construction of boundary wall has been given to M/s EP (I) L and is nearing completion.

During the visit of Raipur on 25-09-2015, Mr. R Subramanian, Additional Secretary, MHRD, New Delhi advised to start construction activity at new campus. He also suggested to explore the possibility of allotment of work to the construction agencies like CPWD. The matter further discussed in length in IBWC meeting held on 10-09-2015 for development of new campus as per the approved master plan. The committee proposed to allocate the work to CPWD, Raipur. The committee recommended to ask CPWD for execution and completion of the following activities :

1. Selection of an Architectural firm for planning, designing and detailing of various buildings and infrastructural facilities with the consent of NIT Raipur.
2. Preparation of detailed project report for complete development of the campus incorporating specifications, necessary statutory clearances, GRIHA rating, phasing of work, phase-wise budget requirement as per prevailing schedule of rates etc
3. Construction activities of infrastructure and buildings as per the finalized drawings (approved by NIT Raipur) on various phases as per DPR subject to availability of fund.

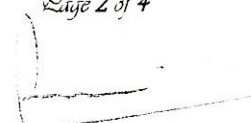
The IBWC also proposed for execution of all the above mentioned works and development of NIT campus at its new site as per the approved master plan to be done as per the contract agreement to be signed between CPWD and NIT Raipur. The chairman suggested for involving other construction agencies besides CPWD in the work of construction at new campus so that the progress is adequate.

The proposed construction activities at new campus of NIT Raipur at village Rakhi Bharenga was considered by BWC and it was recommended to engage CPWD for the selection of Architectural firms and preparation of detailed project report.

Item No. : 18.4 To consider and recommend the construction of two 33 KV/440V electric sub-station at the existing campus of NIT Raipur.

BWC was explained that the maximum demand of the electricity is nearly 500 kVA in the recent past. With the establishment of computer centre in near future, up-gradation of laboratories, enhanced facilities of Wi-Fi, etc. the demand is going to exceed 500 kVA. It has therefore become necessary to establish two 33 kV/440V





substations one for the Institute premises and other for residential area. A committee of CPWD and CSPDCL representatives and the faculties of Electrical Engineering Deptt. of the Institute was constituted to look into the matter of frequent power disruptions and suggest remedial measures. The committee deliberated on the issue and they also critically examined the estimated growth in the consumption put-forth by EE (E/O). As a result they suggested installing four transformers; 2 each 1500 kVA and 750 kVA rating. The EE (EO) also prepared a detailed estimate of Rs. 2.75 crores.

The matter was also discussed at length in IBWC in meeting dated 10-09-2015 along with the proposal of EE (E/O) who explained the issue with the justification. Vide letter no. 227/NITRR/E.O/EE/2015 dated 04-09-2015, CPWD was asked to submit an estimate for the proposed work consisting of installation of required capacity of transformers, outdoor VCB Panel, Control Room, LT Panel etc. CPWD vide letter No. 1070, 22-09-2015 has submitted a proposal for the same with an estimated cost of Rs. 2,79,82,419/-. The committee discussed the proposal and recommended it for the execution in the existing campus. The IBWC also proposed that the work may be allocated to CPWD Raipur. Since the estimate submitted by CPWD is in agreement with the prevailing market prices and SoR rates, hence the proposal of installation of two 33 kV/440 V substations one for the Institute premises and other for residential area can be accepted at a price of Rs. 2,79,82,419 as submitted by CPWD.

In addition to this amount, Rs. 11 Lakhs will be required to ensure technical compatibility. The total cost of project becomes Rs. 2,90,82,419/- It is also proposed that the work may be allocated to CPWD as recommended by IBWC.

It was also brought to the notice that since the present electric supply code of CSPDCL does not allow to provide power supply on 11 KV voltage level beyond the contract load of 500 KVA. However, special permission has been taken for additional 250 KVA above 500 KVA. Dr. L K Mishra enquired about the percentage increase in existing demand. Executive Engineer informed that the diversity in load has been taken into consideration the future enhancement factor.

The work of construction of two 33 KV/440V electric sub-station at the existing campus of NIT Raipur was recommended by BWC at a cost of 2,90,82,419/-. BWC also recommended CPWD for the execution of the work.

Item No. 18.5

To consider and recommend the procurement of furniture for newly construction computer centre and TPO building at the existing campus of NIT Raipur as per the estimate submitted by EP(I)L.

At present EP(I)L is constructing the Central Computer Centre and TPO building at existing campus of NIT Raipur. The construction work is almost nearing completion. The necessity of specialized type of furniture suitable for the computer centre and the Training and Placement office was felt by the concerned departments. Accordingly, EP(I)L was asked to submit a proposal for the furniture looking to the need of the departments. EP (I) L in consultation with the concerned departments, has prepared a proposal for the same. Vide letter no. WRO/NIT/662B/001 dated 09.09.2015, EP (I)L has submitted a proposal for procurement of furniture with an estimated cost of Rs. 3,22,93,038/-. The IBWC discussed the matter on 10-09-2015 and recommended the proposal of procurement of furniture and is also recommended that this work may be allocated to EP (I)L; as EP(I)L is already involved in construction of computer centre and TPO building.

In order to assess the reasonableness of the base price of the furniture items; the Institute sought a quotation independently for the proposed items. It was found that



the base price of the furniture items as submitted by EP (I) L was found reasonable as the prices given in the estimate and the quotation are same i.e. Rs. 2.56 Cr.

BWC recommended for procurement of furniture for new under construction computer centre and TPO building at the existing campus of NIT Raipur as per the estimate of Rs. 3,22,93,038/- submitted by EP (I) L.

**Item No. 18.6 Any other matter with the permission of the Chair.
Land requirement for Central Higher Education Institutes.**

The report of the committee constituted by the MHRD on the Land requirement and use thereof alongwith NIT Warangal model was placed before BWC.

It was resolved that the report can be considered and discussed upon in detail in future before the preparation of detailed project report for the development of new campus commences.

The meeting ended with vote of thanks to the Chair.



[P. Y. Dhekne]
Member Secretary and Registrar (Offg.)



[Sudarshan Tiwari]
Chairman and Director