

INSPECTION NOTE

Inspection Note recorded by Er, B. S. Kaushal Superintending Engineer (Q.C&D) HP. PWD., U. S. Club Shimla-1 for the work C/O Government Degree Collage at Naura sub tehsil Dheera Distt. Kangra under Palampur division HP. PWD., Palampur for the inspection conducted on 15.12.2011.

The inspection of this building was conducted along with Sh. S. P. Jagota Executive Engineer Palampur, Sh. Sanjeev Sood Assistant Engineer & Sh Laxman Thakur Junior Engineer. The A/A & E/S of this work was accorded vide Joint Secy. Higher Education govt. of H. P. letter No.- EDN-A-GA (1)2/2006 dated.- 30.03.2007 amounting to Rs. 500.00 Lac., with the provision of four storied main building. The work has been awarded to the contractor by Executive Engineer Palampur letter No.- PWP/AGR/E-80/2010-9643-52 dated.- 24.07.2010 amounting to Rs. 1,52,48,156/- with the provision of C/O Administrative & Arts Block. Time allowed for the completion of this building is two years.


The Architectural drawings have been issued by the Chief Architect, HP. PWD. Shimla vide Job No.- 7904 for the construction of Government Degree College at Naura Distt. Kangra for Administrative and Arts Block. The structural drawings have been issued by the Chief Engineer (KZ) HP. PWD., Dharamshala vide letter No.- PW-CE -(KZ)/BLD-2011-62/4 etc. Safe bearing capacity of 15 T/M² has been intimated by Superintending Engineer Palampur vide letter No.- SE-V-WS-11/BLD/2010/6317-18 dated.- 06.08.2010, which was required to be ensured at site before execution but no such reference was available at site. Concrete of grade M-20 is to be used. On the day of inspection the work of fixing of steel in columns above 1.8 meters was in progress. The work of providing and laying RCC in 27 numbers columns of main building up to 1.8 meters above plinth level has been completed as plinth beams have been laid.

Quality Control Hand Book was available with Assistant Engineer and Junior Engineer. Site Order Register issued by Executive Engineer Palampur was available at site, site orders given by Assistant Engineer/ Chief Engineer were interred in it.

Quality Control register issued by the Executive Engineer Palampur was available at site wherein for Sand, FM test and silt content test were entered and for Aggregate 20 mm & 10 mm Impact value test, gradation test, water absorption test were entered. 7 days and 28 days compressive strength of concrete cubes were also entered but not as per required frequency. Compressive strength of concrete is required to be got tested columns wise beams wise for which Executive Engineer was directed to do the needful for future concrete works. Executive Engineer was directed to get the bricks tested from Material Testing Lab Palampur before using the same at site.


Concrete Mixer one number, Vibrators two numbers, water tanker one number Welding set, Tractor with trolley were available at site.

Overall work is satisfactory.



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Copy forwarded to the Chief Engineer (Q.C&D) HP. PWD. Shimla-1 for information and necessary action please.



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Inspection Note recorded by Er, B. S. Kaushal Superintending Engineer (Q.C&D) HP. PWD., U. S. Club Shimla-1 for the work C/O Government Degree Collage at Baijnath Distt. Kangra under Baijnath division HP. PWD., Baijnath for the inspection conducted on 15.12.2011.

The inspection of this building was conducted along with Sh. J. S. Guleria Executive Engineer Baijnath, Sh. B. M. Thakur Assistant Engineer & Sh Anil Sharma Junior Engineer. The A/A & E/S of this work was accorded vide Joint Secy. Higher Education govt. of H. P. letter No.- EDN-A-GA (1)2/2006 (Salary) Jan/2007 amounting to Rs. 200.00 Lac. Then revised A/A & E/S was accorded by Additional Chief Secy. (SJ&E) to the Govt. of HP letter No.- SJE-B-C (10) - 32/2010-loose dated.- 15.01.2011 amounting to Rs. 9.67 Crores with the provision of A, B, & C block with three storied building and with provision of one additional story. The work has been awarded to the contractor by Executive Engineer Baijnath letter No.- PW D/BN/EA-1/Tender/2007-08-4989-97 dated.- 24.07.2007 amounting to Rs. 5,13,01,571/-. Time allowed for the completion of this building is one year, time of completion has since expired and no time extension was available at site so Executive Engineer was directed to get the proper time extension from the competent authority.

The Architectural drawings have been issued by the Chief Architect, HP. PWD. Shimla vide Job No.- 7794 for the construction of Bikram Batra Degree College at Palampur which have been followed for the construction of this college. The structural drawings have been issued by the Chief Engineer (North) HP. PWD., Dharamshala vide letter No.- PW-CE (N)/BLD-2005-5/3 etc. Safe bearing capacity of 13.9 T/M^2 has been taken for design purpose which was required to be ensured at site before execution but no such reference was available at site. Up to date work has been measured and paid amounting to Rs 4,95,65,906/-. All the concrete to be used was of M-20 grade since building work and finishing work along with roof sheeting is almost completed, on the day of inspection the work of painting and distempering was in progress, only the work of construction of rain water harvesting tank is yet to start as recently only land demarcation for the purpose has been taken.

Quality Control hand Book was available with Junior Engineer but not with Assistant Engineer, Executive Engineer was directed to arrange the same for Assistant Engineer.

Site Order Register number BN-623 issued by Executive Engineer Baijnath was available at site, only with one remark given by Assistant Engineer on 22.11.2007. Quality Control register number BN-700 issued by Executive Engineer Baijnath was available at site wherein for Sand, FM test and silt content test were entered and for Aggregate 20 mm Impact value test, gradation test were entered. For steel tensile strength and thickness were entered which was got done from NIT Hamirpur. 7 days and 28 days compressive strength of concrete cubes were also entered. Crushing value of Kota stone, tiles were also entered.

No expansion joint in the floor of ~~ground~~ ground floor has been provided, for which Executive Engineer was directed to do the needful. Court yard has been provided with precast paver blocks in proper slope to drain out the surface water. Executive Engineer was directed to provide proper grating to the underground laid pipes for the disposal of the surface water. Riser of stair case was found 16 cm, Tread 30 cm, thickness of Kota Stone tile 25 mm, prepainted roof sheeting of Ispat brand has been fixed, RCC ceiling slab has been casted below the trusses.

Overall work is quite satisfactory.



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