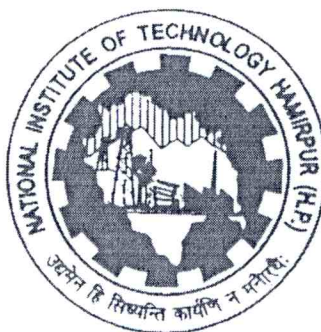


**MINUTES OF
23rd MEETING OF BUILDING & WORKS COMMITTEE**

HELD ON 19.08.2016

AT

NIT, Hamirpur (HP)



**NATIONAL INSTITUTE OF TECHNOLOGY
HAMIRPUR (HP) INDIA**

NATIONAL INSTITUTE OF TECHNOLOGY HAMIRPUR (HIMACHAL PRADESH)

Minutes of 23rd Meeting of Building & Works Committee held 19th August, 2016 at 11:00 AM at NIT Hamirpur HP.

The following were present:-

1	Prof. Ajay K. Sharma Director, NIT, Hamirpur (HP)	Chairman (Ex-officio)
2	Er. R. K. Minahas Superintending Engineer 8 th Circle, HP PWD, Hamirpur	Member (State Govt. Nominee)
3	Er. Rajeev Sao Superintending Engineer (Elect) CPWD Chandigarh	Member (Centre Govt. Nominee)
4	Dr. Y R Sood Dean (P&D) NIT, Hamirpur (HP)	Member
5	Prof. Sushil Chauhan Registrar, NIT, Hamirpur (HP)	Member Secretary (Ex-officio)

The Director (NITs), Director (IFD), Government of India, Ministry of HRD, New Delhi, Dr. A. K. Tripathi, Director MNRES, New Delhi, Shri Rajeshwar Goel, Director (T.E.), Industrial & Vocational Training, Sundernagar, District Mandi (HP) could not attend the meeting.

The Executive Engineer, Construction Cell, of NIT Hamirpur was present in the meeting.

The Chairman welcomed all the Members and called the meeting of BWC to order:-

ITEM NO. 22.1 **TO CONFIRM THE MINUTES OF THE 22nd MEETING OF BUILDING & WORKS COMMITTEE HELD ON 4th July, 2015.**

The minutes of the 22nd meeting of the Building & Works Committee held on 4th July, 2015 were confirmed.

P A R T - II

ITEM NO. 22.2 **PROGRESS/ACTION—TAKEN REPORT ON THE ITEMS OF PREVIOUS BWC MEETINGS**

The decision of the 23rd meeting of Building & Works Committee are as under:-

S. No	Item No.	Name of Work	Resolution/Decision of 22 nd meeting of BWC.	Resolution of 23 rd meeting
1	12.6	C/o Residential complex at new site. (SH: - 48 Nos. Houses) A/A & E/S ₹ 1503.00 Lacs	The BWC directed to complete the work before August, 2015.	Work completed. The BWC dropped the item

2	16.3	C/o Student Activity Centre. A/A & E/S= ₹ 3889.24 Lacs	<i>The BWC directed to start the work.</i>	The tendering work is in progress. <i>The BWC directed to start the work immediately and tendering process should be completed by the Construction Cell immediately. The committee also directed that swimming pool should be constructed in the Student Activity Centre.</i>
3	16.5	C/o Applied Science Department Building in NIT, Campus. A/A & E/S = ₹ 1038.22 Lacs	<i>The BWC directed to complete the work before the start of academic session.</i>	Work completed. <i>The BWC dropped the item.</i>
4	16.22	Renovation of Gate No. 1 and Construction of Gate No 2 A/A & E/S = ₹ 52.50 Lacs	<i>The BWC directed to complete the work at the earliest.</i>	Work completed. <i>The BWC dropped the item.</i>
5	18.1	C/o Girls Hostel (ST) in NIT Hamirpur. A/A & E/S = ₹ 4.23 Crore	<i>The BWC directed to complete the work before the start academic session.</i>	Work completed, final bill under process. <i>The BWC dropped the item.</i>
6	18.4	C/O New Computer Centre in NIT Campus A/A & E/S = ₹ 4375.21 Lacs	Work started and footing work is in progress. <i>The BWC noted the progress and directed to complete the work within the targeted period.</i>	RCC frame structure, masonry work completed, finishing work is in progress. Works likely to be completed before December, 2016. <i>The BWC noted the progress of work and directed to complete the project with in time.</i>
7	18.5	C/O E-Classrooms in NIT Campus A/A & E/S = ₹ 1544.48 lacs	Tendering work is in progress by the CPWD. <i>The BWC noted the progress</i>	RCC frame structure, masonry work completed, finishing work is in progress. Work will be completed by Dec. 2016. <i>BWC noted the progress of work.</i>
8	18.7	Construction of Garages for Institute Buses in the campus A/A & E/S= ₹ 31.15 lacs	<i>The BWC noted the progress and directed to complete the work before Oct. 2015.</i>	Work completed. <i>The BWC dropped the item.</i>
9	18.14	C/O New Shopping Complex near Gate No. 2. A/A & E/S = ₹ 193.10 lacs Awarded amount = Rs. 1,12,03,651.00	<i>The BWC directed to start the work.</i>	Work is in progress, RCC frame structure completed finishing work is in progress. Work will be completed by Dec. 2016. <i>BWC noted the progress of work.</i>

10	18.16	C/O Gate No. 2 near Mega Hostel. A/A & E/S = ₹ 42.50 Lacs	<i>The BWC approved the proposal.</i>	Work awarded to the contractor and work is in progress. <i>BWC noted the progress of work.</i>
11	18.43	Providing High mast lighting at various locations at NIT, Hamirpur. A/A & E/S= ₹ 22.24 Lacs	<i>The BWC directed to start the work.</i>	Work completed. <i>The BWC dropped the item</i>
12	19.2	Horticulture Development in the surrounding of newly constructed Mega Hostel. A/A&E/S ₹ 27.91 lacs	<i>The BWC noted the progress and directed to complete the work at the earliest.</i>	Work completed. <i>The BWC dropped the item</i>
13	19.4	C/O MMCA office, visitor room, store & reading room in the Dhauladhar Boys Hostel A/A&E/S ₹ 88.69 Lacs Crore.	<i>The BWC directed to complete the work within the targeted period.</i>	80% work completed. Work will be completed by Oct. 2016. <i>The BWC noted the progress of work.</i>
14	19.5	Provision of lift in the CSED, Electrical Engineering Deptt., Computer Centre & Modern Lecture Hall. A/A&E/S ₹ 3.20 Crores	<i>The BWC noted the progress of the work and directed to complete the work at the earliest.</i>	Work completed. <i>The BWC dropped the item</i>
15	19.9	C/O Boundary wall/Protection wall on backside of Mess block and roofing over staircase in the Mani Mahesh Hostel. A/A&E/S ₹ 40.14 Lacs	<i>The BWC directed to complete the work within the targeted period.</i>	Work completed. <i>The BWC dropped the item.</i>
17	19.24	C/O parking space at various locations in academic area at NIT Hamirpur (near Architectural block, workshop, bank & post office building) A/A & E/S = ₹ 16.39 lacs.	The BWC decided to complete the work.	Work completed. <i>The BWC dropped the item</i>
18	20.5 R	Renovation of old library building A/A & E/S = ₹ 70.78 lacs	<i>The BWC noted the progress and directed to complete the work at the earliest.</i>	Work completed. <i>The BWC dropped the item.</i>
19	20.25R	Augmentation of sewer line of Kailash boys Hostel and Dhauladhar Boys Hostel: A/A&E/S= ₹ 32.37 Lacs	<i>The BWC directed to complete the work within the targeted period.</i>	Work completed. <i>The BWC dropped the item.</i>
20	20.26R	Repair and maintenance of various hostel buildings A/A&E/S= ₹ 17.32 Lacs	<i>The BWC noted the progress and directed to complete the work at the earliest.</i>	Work completed. <i>The BWC dropped the item.</i>
21	20.27R	Repair and maintenance of various residential buildings A/A&E/S= ₹ 18.17 Lacs	<i>The BWC noted the progress and directed to complete the work at the earliest</i>	Work completed. <i>The BWC dropped the item.</i>

22	20.2	Augmentation/Up gradation of existing Sewerage treatment Plant at NIT, Hamirpur (HP) A/A & E/S = ₹ 395.00 lacs	<i>The BWC approved the proposal.</i>	The tender for the said work called by the IPH Department. <i>The BWC directed to take up the matter with IPH for early completion.</i>
23	20.3	Remodeling of LWSS to REC (now NIT) from Dalwana, Tehsil & Distt. Hamirpur (HP) A/A&E/S= ₹ 230.25 Lacs	<i>The BWC noted the action taken.</i>	The tender for the said work called by the IPH Department. <i>The BWC directed to take up the matter with IPH for early completion.</i>
24	20.4	C/O Connecting path from common room of Kailash Boys Hostel to 4H Food Court Canteen. A/A&E/S= ₹ 1.74 lacs	<i>The BWC noted the progress and directed to complete the work.</i>	Work completed. <i>The BWC dropped the item.</i>
25	20.6.	Provision of security gates in lifts. A/A&E/S= ₹ 7.50 lacs	<i>The BWC directed to start the work.</i>	Work completed. <i>The BWC dropped the item.</i>
26	20.7	Construction of boundary wall along N.H. near Type-V Residences. A/A&E/S= ₹ 161.00 lac	<i>The BWC directed to start the work on priority.</i>	30% work completed and will be completed by Dec. 2016. <i>The BWC directed to complete the work.</i>
27	20.8	Diversion of old road at S.T. Girls Hostel. A/A&E/S= ₹ 13.60 lacs	<i>The BWC directed to start the work.</i>	Work completed. <i>The BWC dropped the item.</i>
28	20.9	Providing protection for dust bins from Monkeys. A/A&E/S= ₹ 23.39 lacs	<i>The BWC directed to start the work.</i>	Work completed. <i>The BWC dropped the item.</i>
29	20.10	Landscaping of the Energy Park in NIT, Hamirpur. A/A&E/S= ₹ 19.34 Lacs	<i>The BWC noted the progress and directed to complete the work.</i>	Work completed. <i>The BWC dropped the item.</i>
30	20.11	Painting and distempering of various hostels. (Dhauladhar, Parvati, Neelkanth, Manimahesh, Vindiyachal & Aravali Hostel) A/A&E/S= ₹ 74.12 lacs	<i>The BWC noted the progress and directed to complete the work at the earliest.</i>	Work completed. <i>The BWC dropped the item.</i>
31	20.12	Painting and distempering of various non-residential buildings in NIT, Hamirpur. (Civil, Mechanical, Architecture & Library) A/A&E/S= ₹ 40.60 lacs	<i>The BWC directed to start the work at the earliest.</i>	Work awarded to the contractor and is in process. Work will be completed by Oct. 2016. <i>BWC noted the progress.</i>
33	20.14	Repair and maintenance of roads in the NIT, Campus. A/A&E/S= ₹ 15.15 lacs	<i>The BWC directed to start the work.</i>	Work completed. <i>The BWC dropped the item.</i>
34	20.15	Repair and maintenance of various non-residential buildings for the year (2015-16) A/A&E/S= ₹ 13.16 lacs	<i>The BWC directed to start the work.</i>	Work completed. <i>The BWC dropped the item.</i>

35	20.17	Renovation of Ground floor Toilets in Electrical Engg. Deptt. A/A&E/S= ₹ 8.96 Lacs	<i>The BWC directed to start the work immediately.</i>	Work completed. <i>The BWC dropped the item</i>
36	21.1	Extension of Mechanical Workshop. A/A & E/S = ₹ 1088.84 lacs	The BWC directed to start the tendering process of Mechanical Workshop, as the estimate is only for extension of Mechanical Workshop and the title of the agenda proposal should be as "Extension of Mechanical Workshop". <i>The BWC further directed that the extension of Civil Engineering Deptt. May be placed separately, if required.</i>	Drawings have been finalized and tendering work will be initiated. <i>The BWC directed to start the work immediately.</i>
37	21.2	Improvement of geometrics and alignment of Road at Gate no 1(Civil and Electrical work) A/A & E/S = ₹ 70.82 lacs	<i>The BWC directed to complete the work at the earliest.</i>	Work completed. <i>The BWC dropped the item.</i>
38	21.4	Addition and alternation of basement in the Administrative Block A/A & E/S = ₹ 25.17 lacs	<i>The BWC directed to start the work.</i>	Work awarded to contractor and is in progress. The BWC was apprised that the basement will be used by CED for lab. <i>The BWC noted and directed to take up the work.</i>
39	21.5	Providing working platforms in the various labs of Chemical Engineering Department. A/A & E/S = ₹ 45.93 lacs	<i>The BWC approved the proposal.</i>	Work completed. <i>The BWC dropped the item.</i>
40	21.6	Providing grills in the windows of E&CED Building A/A & E/S = ₹ 6.36 lacs	<i>The BWC directed to start the work.</i>	Work completed. <i>The BWC dropped the item.</i>
41	21.8	Construction of Retaining wall and Hume pipe culvert behind the Administrative Block A/A & E/S = ₹ 11.09 lacs	<i>The BWC noted the action.</i>	Work completed. <i>The BWC dropped the item.</i>
42	21.9	Providing barrier free access in various buildings by providing ramps. (CSED, MED, Neelkanth Hostel, Girls Hostel & Library) A/A & E/S = ₹ 11.82 lacs	<i>The BWC directed to start the work at the earliest.</i>	Work completed. <i>The BWC dropped the item.</i>

43	21.10	Providing badminton court in Ambika Girls Hostel and Dhauladhar Boys Hostel A/A & E/S = ₹ 7.60 lacs	<i>The BWC directed to start the work at the earliest and complete the same before the start of academic session.</i>	Work completed. <i>The BWC dropped the item.</i>
44	21.12	Repair and maintenance of various residential and non-residential buildings, street light, sub-station in NIT Campus Hamirpur for the year 2015-16 (SH:- Supply of various electrical material) A/A & E/S = ₹ 16.54 lacs	<i>The BWC directed to start the work.</i>	Work completed. <i>The BWC dropped the item.</i>
45	21.13	Repair and maintenance of various Electrical distribution system (SH:- External and Internal Electrical works) for the year 2015-16. A/A & E/S = ₹ 25.74 lacs	<i>The BWC directed to start the work.</i>	Work completed. <i>The BWC dropped the item.</i>
46	21.14	Repair and maintenance of 11 KV HT Ring main system of NIT, Hamirpur. A/A & E/S = ₹ 21.85 lacs	<i>The BWC directed to start the work.</i>	Work completed. <i>The BWC dropped the item.</i>
47	21.15	Horticulture Development in the surrounding of Electronics Block. Chemical Engineering Department and rear end of Administrative Block and Health Centre A/A & E/S = ₹ 27.10 Lac	<i>The BWC directed to start the work.</i>	Work completed. <i>The BWC dropped the item.</i>
48	22.3	Construction of Overhead Water Tank Near Satpura Hostel A/A & E/S = ₹ 25.50 lacs Awarded Amount= ₹ 18.22 Lac	<i>After detailed deliberation, the BWC approved the estimate amounting to ₹ 21.50 Lakh only.</i>	Work awarded to contractor and is in progress. <i>The BWC noted the progress of the work.</i>
49	22.4	Construction of footpath from Lecture hall complex to Himadari and Hingiri Boys Hostel.	<i>After detailed deliberation, the BWC approved the above proposal and the estimate amounting to ₹ 13.01 Lakh only.</i>	Work completed. <i>The BWC dropped the item.</i>
50	22.5	Addition and alteration of Top Floor of Admin Block for the Department of Management Studies (Civil Work).	<i>After detailed deliberation, the BWC approved the estimate amounting to ₹ 19, 38,021.00 only.</i>	Work completed. <i>The BWC dropped the item.</i>
51	22.6	Addition and alteration of Top Floor of Admin Block for the Department of Management and studies (Elect Work)	<i>After detailed deliberation, the BWC approved the estimate amounting to ₹ 4, 74,564.00 only.</i>	Work completed. <i>The BWC dropped the item.</i>
52	22.7	Providing CCTV Cameras in Lecture Hall Complex	<i>After detailed deliberation, the BWC approved the proposal and the estimate amounting to ₹ 13.64 Lakh only.</i>	Work completed. <i>The BWC dropped the item.</i>

53	22.8	Providing surveillance System at various locations in NIT, Campus.	<i>After detailed deliberation, the BWC approved the proposal.</i>	The Estimate amounting to Rs 79.55 Lacs placed before the Committee for approval please. <i>The BWC approved the estimate amounting to Rs. 79.55 Lacs and directed to start the work.</i>
54	22.9	Augmentation of Sewerage System of NIT Campus. A/A & E/S = ₹ 36.59 lacs	<i>The BWC approved the proposal and the estimate amounting to ₹ 36.59 Lakh only</i>	Work will be taken in hand after rainy season. <i>The BWC directed to start the work.</i>
55	22.10	Repair and maintenance of 2 nd Floor of Admin Block. (SH: Painting and distempering and replacement of damaged flooring and ceiling).	<i>The BWC approved the proposal and the estimate amounting to ₹ 10.,65,412.00 only</i>	Work completed. <i>The BWC dropped the item.</i>
56	22.11	Renovation of power system lab (ground floor) of Electrical Engineering Department.	<i>The BWC approved the estimate amounting to ₹ 4.36 Lakh only</i>	Work completed. <i>The BWC dropped the item.</i>
57	22.12	Renovation of Toilets of Neelkanth Boys Hostel.	<i>The BWC approved the estimate amounting to ₹ 9.59 Lakh only.</i>	Work awarded to contractor in July 2016 and in progress. <i>The BWC noted the progress of work.</i>
58	22.13	Repair and maintenance of Air conditioners in various buildings for year 2015-16	<i>The BWC approved the estimate amounting to ₹ 12.50 Lakh only.</i>	Work completed. <i>The BWC dropped the item.</i>
59	22.14	Replacement/repair ceiling fans in various buildings for year 2015-16.	<i>The BWC approved the estimate amounting to ₹ 7.25 Lakh only</i>	Work completed. <i>The BWC dropped the item.</i>
60	22.15	C/o Boys Hostel No. VIII (Mega Hostel) (A/A & E/S = ₹ 120.57 Crore)	<i>After detailed deliberation, the BWC approved the proposal, drawings and estimate and directed to start the work immediately.</i>	The work awarded to contractor amounting for internal Civil and Electrical work amounting to Rs 2440.13 Lacs to Lowest Bidder Jai Parkash and Sons Dehradun and work is in progress. Footing work is in progress. The Tendering work for the balance work of external work of site development, external electric work and sewerage and solar panel system is in process. <i>The BWC noted the progress of the work and approved the proposal for tendering of balance work as proposed.</i>

61	22.16	Redesigning for capacity expansion of LIG & MIG Qtrs. in old residential complex at Housing Board Colony.	<p><i>After detailed deliberation, the BWC approved the proposal for construction of new houses after the demolition of old houses and approved the proposal, drawings and estimate amounting to ₹ 17.83 Crore for T-II Qtrs. And ₹ 14.25 Crore for T-III Qtrs. and start the work after completing the codal formalities.</i></p> <p>NOC has been received from the HIMUDA and the possession of land in the name of NIT is in process. Work will be taken in hand after approval of drawings by the Local Self-Government Department, Hamirpur. The drawings have been revised and it has been proposed to provide 51 No. Type-III Qtrs. with an estimated cost of Rs. 2001 Lacs and 98 Nos. type-II qtrs. with an estimated cost of Rs. 3236 Lacs.</p> <p><i>The BWC directed to take up the work of one block of type-III qtrs. and one block of type-II qtrs. approved the revised A/A& E/S amounting to Rs. 2001.00 lacs for type-III qtrs. and Rs. 3236.00 lacs for Type-II Qtrs. and directed to take up the work.</i></p>
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PART-III

(ITEMS FOR RATIFICATIONS)

62	23.3	Providing furniture for New ST & Parvati Girls Hostel.	<p>The requirement has been received from the Warden of Ambika & Parvati Girls Hostel NIT, Hamirpur. The new ST Girls Hostel is going to be functional from next session July 2016-17 and at present there is no furniture in the hostel. The mess furniture in the Parvati Hostel is also required to be replaced as the same has been damaged. The various items for both hostels are required as: Single Bed 80 Nos., Study Chairs 80 Nos, Study Table 80 Nos. Dining Tables 30 Nos. and Dining Chairs 240 Nos. The Technical committee scrutinized and approved the estimate in its meeting held on dated 29/6/2016 amounting to Rs. 38.82 Lacs. Go-ahead sanction amounting to Rs. 38.82 Lacs was accorded vide letter NIT/HMR/BWC-358/2016-4912-14 dated 11/7/2016. Work awarded to the contractor.</p> <p><i>The BWC ratified the same.</i></p>
63	23.4	Drilling of Bore Wells at various location in NIT Campus including water supply pipe lines.	<p>Since there is acute shortage of water in the campus during summer and rainy season. Various construction works are also in progress in the campus. To provide sufficient water supply 06 Nos. new bore wells has been proposed at various locations with submersible pumps. 01 No. Submersible pump for old bore well and repair of defective submersible pump & motors including all civil & electrical works complete fitting is also required to be done. The NIT is deducting the water charges</p>

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			<p>@1.5% of the work done and so it is also necessary to provide water for the construction works.</p> <p>The Technical committee scrutinized and approved the estimate in its meeting held on dated 29/6/2016 amounting to 48.94 Lacs. Go-ahead sanction amounting to Rs 48.94 Lacs was accorded vide letter NIT/HMR/BWC-358/2016-4915-17 dated 11/7/2016</p> <p><i>The BWC ratified the same and advised to use energy efficient pumps.</i></p>
64	23.5	Renovation of Kitchen of Mess Parvati Hostel	<p>Representation has been received from warden Parvati Hostel regarding renovation of the mess. The mess of the hostel is very old and requires additions & alterations as the same is not serving the present day requirements. Accordingly creation of storeroom and re-orientation of the kitchen and alongwith the shed for mess workers has been proposed.</p> <p>The Technical committee scrutinized and approved the estimate in its meeting held on 29/6/2016 amounting to Rs. 11.26 Lacs. Go-ahead sanction was accorded vide letter NIT/HMR/BWC-358/2016-4921-23 dated 11/7/2016</p> <p><i>The BWC ratified the same.</i></p>
65	23.6	Construction of Footpath from Type-IV Residences to Gate No. I.	<p>With the re-alignment of Gate No I and widening of NH at Gate No I with provision of round about & road dividers, a separate foot path up to Gate No I from Type-IV residences (Akashwani) is required for the safe movement of its residents. The requirement has been received from the residents of the block for providing the foot path up to Gate no I for the safety of the residents especially children. The Go-ahead sanction since the work is of urgent nature and accorded vide letter No. NIT/HMR/BWC-358/2015/490-49 dated 28/01/2016 for Rs. 9.87 Lacs only.</p> <p><i>The BWC ratified the same.</i></p>
66	23.7	Repair and Maintenance of Classrooms, Labs and Conference rooms in the Elect. Engg. Department at NIT, Hamirpur.	<p>The requirement has been received from Elect. Engg. Department for the repair & maintenance work of all the three class rooms to be furnished as Smart class rooms with vitrified flooring and ceiling and MDF board on the existing student benches and fitting lights in the class room of ground floor. In the internet lab: vitrified flooring, ceiling, lighting, space extension by removing central wall, aluminium fitting and aluminium door lift side etc. Ceiling and aluminium fitting in corridors etc. For control Lab: Vitrified flooring, aluminium fitting of cub board, windows and flooring i/c the instruments room. Power Electronics lab: vitrified flooring, aluminium fitting of cub board. Micro-processor & Measurement Lab Electrical Workshop: Vitrified flooring aluminium fitting of cub board, flooring in faculty room and the instruments storing room. Door: Aluminium door (lift side) Professors room: Sealing and aluminium door.</p> <p>The Technical committee scrutinized and approved the estimate in its meeting held on dated 29/6/2016 amounting to Rs. 39.52 Lacs, Accordingly keeping in view the urgency of</p>

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			<p>work, the Go-ahead sanction was accorded vide letter No. NIT/HMR/BWC-358/2015/5406-08 dated 20/07/2016 for Rs. 39.52 Lacs only.</p> <p><i>The BWC ratified the same.</i></p>
67	23.8	Repair and maintenance of Computer Science and Engineering Department at NIT, Hamirpur	<p>The requirement has been received from the Computer Science and Engineering Department for the repair and maintenance of ground floor by merging smaller four labs i.e. microprocessor lab., DBMS lab, Computer Graphics and image processing lab into a single big lab with flooring and ceiling. Ceiling in project lab, old microprocessor lab and computer network lab be provided. Collapsible partitioning with proper acoustics for separating conference hall and seminar hall. Wooden platform in the conference hall alongwith solid backspace coverage is required to be provided. Conversion of classroom CSE-I into faculty cabin, aluminium portioning in the computation lab for four faculty cabins are required. The connecting passage is required from CSE Department to the computer centre.</p> <p>The Technical committee scrutinized and approved the estimate in its meeting held on dated 29/6/2016 amounting to 34.54 Lacs Accordingly keeping in view the urgency of work, the Go-ahead sanction was accorded vide letter No. NIT/HMR/BWC-358/2015/5218-20-08 dated 18/07/2016 for Rs. 34.54 Lacs only.</p> <p><i>The BWC ratified the same.</i></p>
68	23.9	Painting and distempering and repair of Satpura Hostel	<p>Satpura Hostel has been completed in 2013 and handed over to Hostel authorities and has been allotted to M. Tech students. Now the students have been shifted to respective hostels after the completion of Mega Hostel. This is being allotted to contract faculty and is being used as guest rooms. This required immediate repair and painting and distempering. Accordingly keeping in view the urgency of work, the Go-ahead sanction was accorded vide letter No. NIT/HMR/BWC-358/2015/5409-11 dated 20/07/2016 for Rs. 20.41 Lacs only.</p> <p><i>The BWC ratified the same.</i></p>

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**PART-IV
NEW ITEMS**

Sr. No.	Item No.	Name of work	Description of proposal
69	23.10	Construction of Community Centre in NIT Campus	<p>Presently there are about 200 faculty members in the campus and there is no community centre for the faculty. The requirement has been received from the faculty members for the provision of community centre in the campus. Since Hamirpur is very small town and such facilities are not available and community centre in the campus is required.</p> <p><i>The BWC approved the work proposal.</i></p>
70	23.11	Construction of Additional Block for Lecture Hall complex.	<p>The requirement has been received for construction of additional accommodation for lecture hall complex as the present accommodation of the existing lecture hall complex is insufficient to cater to the increased strength of students. The intake of students has increased due to start of dual degree programme in the institute. The proposal for extension of Mechanical workshop has been approved in 22nd BWC meeting held on 04/07/2015 where two floors have been proposed for workshop activities and third floor for lecture hall. Additional Accommodation for new lecture hall complex has been proposed by raising the height of the building up to five storeys. The estimate prepared on CPWD norms and the Technical Committee scrutinized and approved the estimate in its meeting held on dated 18/2/2016 amounting to Rs. 664.32 Lacs.</p> <p><i>The BWC approved the agenda item and estimate amounting to Rs. 664.32 lacs only.</i></p>
71	23.12	Construction of Hostels for OBC Boys and Girls (SH:- C/O Hostel for OBC Girls)	<p>Ministry of Social Justice Empowerment, Govt. of India is implementing the centrally sponsored scheme of construction of hostels for OBC Boys and Girls. In this Regard, proposal has been received from the Deputy Secretary to the Govt. of India vide letter No. 11015/04/2016- BC- 1 dated 16 May 2016 for the construction of Hostels for OBC Boys and Girls. There are about 1140 seats for OBC students in all streams (B.Tech. M.Tech and Ph.D) and expected strength of OBC girls students will be about three hundred.</p> <p>It has been proposed to construct hostel of 300 capacity for OBC Girls Students under the scheme where 90% funding will be shared by the Govt. of India and 10% by the Institute. The Technical Committee scrutinized and approved the estimate in its meeting held on dated 29/6/2016 amounting to Rs. 1271.57 Lacs. Estimate submitted to Joint secretary (Backward Classes) Ministry of Social Justice Empowerment Govt. of India for approval please</p> <p><i>The BWC approved the agenda item and estimate amounting to Rs. 1271.57 lacs only and directed to take up the work after getting the funds from Ministry of Social Justice and Empowerment Govt. of India.</i></p>



72	23.13	Providing Lift at Administrative Block	<p>In administrative block along with administrative offices there is the department of Humanities & social sciences, Department of MBA and Drawing Halls for the students. The existing lift in Administrative Block caters to office of Director and Corporate office only. There is no lift for top floor. Moreover the lift is on one side only and lift on another side of building is required as length of building is quite long. Provision of lift can be made from the side of civil engineering department. The estimate prepared on DSR 2014 and duly scrutinized and approved by the Technical Committee in its meeting held on dated 18/2/2016 amounting to Rs. 53.52 Lacs.</p> <p><i>The BWC approved the agenda item and estimate amounting to Rs. 53.52 lacs only.</i></p>
73	23.14	Construction of Lift in the Architecture Department at NIT, Hamirpur.	<p>The requirement has been received from the department of Architecture for the provision of Lift in the building. At present it is difficult for the physically disabled persons to move from one floor to another, As per the latest guidelines every building should be barrier free building. Keeping in view, the above facts work has been proposed. The estimate prepared on DSR 2014 and duly scrutinized and approved by the Technical committee in its meeting held on dated 29/6/2016 amounting to Rs. 70.90 Lacs.</p> <p><i>The BWC approved the agenda item and estimate amounting to Rs. 70.90 lacs only.</i></p>
74	23.15	Addition of Top Floor of computer Centre.	<p>The requirement has been received from computer department for construction of hall on top floor of the computer centre building as the intake of students has increased due to start of dual degree programme (intake of 60 students).The classes for IIIT Una are also running here. Currently two PG, two UG and One Ph.D programme are running in the department. The existing accommodation is falling short. Moreover there is a scope of construction of another storey in the existing building and reinforcement has been kept for additional floor. Therefore, it is proposed that top floor should be constructed to complete the building. The estimate prepared on DSR 2014 and duly scrutinized and approved by the Technical committee in its meeting held on dated 18/2/2016 amounting to Rs. 59.09 Lacs.</p> <p><i>The BWC approved the agenda item and estimate amounting to Rs. 59.09 lacs only.</i></p>
75	23.16	Repair and up gradation of Classrooms, Labs and Conference rooms of Architect Department at NIT, Hamirpur (Civil & Elect.Work)	<p>The requirement has been received from the department of Architecture for existing three classrooms to be converted to smart classroom. Partitioning in 02 Nos. Faculty room to be provided. Art Studio to have low height pedestals for display for artifacts. Provision of entry from the back side of Architect Building. Repair of Seminar Hall, duct in the model room and faculty room. Window opening outside need protection from rain water seepage. The sensor controlled urinal¹2of various toilets are not working order, repair or</p>

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			<p>replace the sensor controls of various toilets. The estimate prepared on DSR 2014 and duly scrutinized and approved by the Technical committee in its meeting held on dated 29/6/2016 amounting to Rs. 24.90 Lacs.</p> <p><i>The BWC approved the agenda item and estimate amounting to Rs. 24.90 lacs only.</i></p>
76	23.17	Repair and maintenance of Mechanical Engineering Department at NIT, Hamirpur (Civil Work).	<p>The requirement has been received from the Head of Mechanical Engineering Department to renovate the ground floor classrooms, library, tribology lab, corridor of ground and 1st floor main entrance etc. by providing floor tiling, ceiling and aluminum partitions as required at site. Provision of extended roof in the porch to avoid seepage is also required. The estimate prepared on DSR 2014 and duly scrutinized and approved by the Technical committee in its meeting held on dated 29/6/2016 amounting to Rs. 24.29 Lacs.</p> <p><i>The BWC approved the agenda item and estimate amounting to Rs. 24.29 lacs only.</i></p>
77	23.18	Re-orientation of the infrastructural facilities in the Civil Engineering Department.(Civil Work)	<p>The requirement has been received from the Head of Civil Engineering Department, NIT, Hamirpur .(1) i) 1st floor of the department shall be re-orientated for the Cabin/office of the faculty members and Ph. D Scholars. Ii) The Transportation Engineering Lab shall be shifted to basement of administrative Block. The concrete Lab shall be shifted to the place of existing Structural Lab. The space so created by constructing floor over, shall be used for faculty seating. (2) In the top floor one class room shall be converted into three small class rooms for M. Tech. students. (3) For providing sitting to Research Scholars of the department requirement of furniture items for 20 Research Scholars. (4) The existing HOD office will be re-orientated suitably at 1st floor. The estimate prepared on DSR 2014 and duly scrutinized and approved by the Technical committee in its meeting held on dated 29/6/2016 amounting to Rs. 71.23 Lacs.</p> <p><i>The BWC approved the agenda item and estimate amounting to Rs. 71.23 lacs only.</i></p>
78	23.19	Providing fire alarm & fire-fighting system in Computer Science & Engineering and Mechanical Engineering Department at NIT, Hamirpur.	<p>Presently there is no fire alarm and fire-fighting system installed in the Computer Science & Engineering and Mechanical Engineering Department at NIT, Hamirpur which is mandatory as per the fire norms. Hence keeping in view the said aspect the work is proposed and placed before the committee for approval please. The estimate prepared on DSR 2014 and duly scrutinized and approved by the Technical committee in its meeting held on dated 29/6/2016 amounting to Rs. 37.09 Lacs.</p> <p><i>The BWC approved the agenda item and estimate amounting to Rs. 37.09 lacs only.</i></p>

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			is placed before the committee for approval please <i>The BWC approved the agenda item.</i>
84	23.25	Providing and fixing National Monumental Flag at NIT, Hamirpur.	The Monumental Flag poles of high tensile steel (207 feet long, 4.5 feet dia meter at base and 2.5 feet dia meter at Apex) and knitted polyester National flag (660 feet wide, 90 feet long and weight of 35 Kg) including base foundation for the whole structure. The Technical committee scrutinized and approved the estimate in its meeting held on dated 29/6/2016 amounting to Rs. 40.49 Lacs. <i>The BWC approved the agenda item and estimate amounting to Rs. 40.49 lacs only.</i>
85	23.26	Repair and maintenance of 2nd floor of Admin Block for the department of Humanities and Social Sciences. (Civil Work)	The department of Humanities and Social Science has been shifted to the 2nd floor of Admin Block vacated by the department of Electronics. Since the rooms vacated by the Electronics department needs renovation. It has been proposed that Faculty cabins will be constructed for the faculty on the top floor The estimate prepared on DSR 2014 and duly scrutinized and approved by the Technical Committee in its meeting. The estimate prepared on CPWD Schedule of rates 2014 and duly scrutinized and approved by the Technical committee in its meeting held on dated 29/6/2016 amounting to Rs. 29.16 Lacs. <i>The BWC approved the agenda item and estimate amounting to Rs. 29.16 lacs only.</i>
86	23.27	Renovation of Classrooms, Conference rooms for the department of Humanities and Social Sciences.	As the part of top floor of Admin Block has been allotted for the department of Humanities and Social Sciences. The requirement has been received from the department for the renovation of classrooms, conference rooms and labs. The estimate prepared on DSR 2014 and duly scrutinized and approved by the Technical committee in its meeting held on dated 29/6/2016 amounting to Rs. 27.77 Lacs <i>The BWC approved the agenda item and estimate amounting to Rs. 27.77 lacs only.</i>
87	23.28	Purchase of furniture for various Departmental buildings in NIT, Hamirpur.	The requirement has been received from various Departments for the procurement of office and lab furniture such as sofa sets, office chairs, office table, computer tables and stools for practical. <i>The BWC approved the agenda item.</i>
88	23.29	Providing & Installation of AC's in various nonresidential building at NIT, Hamirpur.	Requirement of Air Conditioners has been received from the teaching and non-teaching staff of various departments at NIT, Hamirpur. Accordingly the work has been proposed. The estimate amounting to Rs. 55.38 Lacs only has been prepared based upon DSR-2012 and securitized in the technical committee meeting held on 10/8/2016. <i>The BWC approved the agenda item and estimate amounting to Rs. 55.38 lacs only.</i>

89	23.30	Construction of toilet for Shopping Complex near Gate No. I.	<p>The existing toilet block at gate No. I has been dismantled after the re-alignment of Gate No I. The work of renovation of gate No I is near completion and at present there is no provision of Toilet block at entry gate and shopping complex which is urgently required.</p> <p>The estimate prepared on DSR 2014 and duly scrutinized and approved by the Technical committee in its meeting held on dated 18/2/2016 amounting to Rs. 6.23 Lacs.</p> <p><i>The BWC approved the agenda item and estimate amounting to Rs. 6.23 lacs only.</i></p>
90	23.31	Providing & Fixing of Iron Angle for drying of washed clothes of the Inmates of Ambika Hostel.	<p>The requirement received from Warden of AGH for providing the steel Iron Angle for drying of washed clothes. Currently students are using ropes for the said purpose. It has been proposed to provide hanger rod as a part of railing for hanging the clothes for drying proposes. The estimate prepared on DSR 2014 and duly scrutinized and approved by the Technical committee in its meeting held on dated 29/6/2016 amounting to Rs. 2.23 Lacs.</p> <p><i>The BWC approved the agenda item and estimate amounting to Rs. 2.23 lacs only.</i></p>
91	23.32	Painting and distempering of Ambika Hostel.	<p>The painting and distempering of the buildings is done after three years as per the maintenance schedule of the Institute. The said work is due in the hostel building during the year 2016. Keeping in view for the urgency and importance of the work, estimate has been prepared amounting to Rs. 9.04 Lacs only based upon DSR 2014.</p> <p><i>The BWC approved the agenda item and estimate amounting to Rs. 9.04 lacs only.</i></p>
92	23.33	Painting and distempering of Kailash Boys Hostel (SH:- Painting and distempering of E-Block)	<p>The painting and distempering of the buildings is done after three years as per the maintenance schedule of the Institute. The painting and distempering of block A to D of Kailash Boys Hostel was done during the year 2015-16. The painting and distempering work of new E-block is due during this year 2016. Keeping in view the urgency and importance of the work, estimate has been prepared based upon DSR 2014 amounting to Rs. 5.82 Lacs only.</p> <p><i>The BWC approved the agenda item and estimate amounting to Rs. 5.82 lacs only.</i></p>
93	23.34	Annual repair and maintenance of various Hostels Buildings of NIT, Hamirpur for the year 2016-17.	<p>The repair and maintenance of various hostels buildings is done as and when required to keep them in good working conditions. The work for repair and maintenance for the said buildings for the year 2016-17 has been prepared based upon DSR 2014 amounting to Rs. 31.88 lacs.</p> <p><i>The BWC approved the agenda item and estimate amounting to Rs. 31.88 lacs only.</i></p>

		Electrical Works	
94	23.35	Providing additional geysers, exhaust fans and replacement of unserviceable geysers in various hostels of NIT Hamirpur.	<p>The requirement for the replacement of defective geysers & installation of additional geysers as well has been received from the Chief Warden Mani Mahesh Hostel (16 No. Geysers), Parvati Hostel (04 No. Geysers), Neelkanth Hostel (13 No. Geysers), Ambika Hostel (02 No. Geysers) & Himgiri Hostel (03 No. Geysers), Dhauladhar Boys Hostel (02 No. Geysers). In addition to above requirement for the installation of extra exhaust fans in kitchen area & repair of LED's has also been received. In view of this the work is proposed to provide proper facility to the students residing in the hostel. The estimate prepared on DSR 2012 and duly scrutinized and approved by the Technical committee in its meeting held on dated 18/2/2016 amounting to Rs.19.03 Lacs.</p> <p><i>The BWC approved the agenda item and estimate amounting to Rs. 19.03 lacs only.</i></p>
95	23.36	Re-orientation of the infrastructural facilities in the Civil Engineering Department. (Electric Work)	<p>The requirement has been received from the Head of Civil Engineering Department NIT, Hamirpur (1) i) 1st floor of the department shall be re-orientated for the Cabin/office of the faculty members and Ph. D Scholars. ii) The Transportation Engineering Lab shall be shifted to basement of administrative Block. The concrete Lab shall be shifted to the place of existing Structural Lab. The space so created by constructing floor over, shall be used for faculty seating. (2) In the top floor one class room shall be converted into three small class rooms for M. Tech. students. (3) For providing sitting to Research Scholars of the department requirement of furniture items for 20 Research Scholars. (4) The existing HOD office will be re-orientated suitably at 1st floor.</p> <p>The estimate prepared based on DSR 2012 and duly scrutinized and approved by the Technical committee in its meeting held on dated 29/6/2016 amounting to Rs. 45.35 Lacs.</p> <p><i>The BWC approved the agenda item and estimate amounting to Rs. 45.35 lacs only.</i></p>
96	23.37	Repair and maintenance of chiller Unit of Auditorium in NIT, Hamirpur.	<p>The chiller plant 72 tonne installed at Auditorium of NIT, Hamirpur is not working properly. In order to make it functional properly the repair has to be got done. The estimate prepared based on DSR 2012 and duly scrutinized and approved by the Technical committee in its meeting held on dated 29/6/2016 amounting to Rs. 3.81 Lacs.</p> <p><i>The BWC approved the agenda item and estimate amounting to Rs. 3.81 lacs only.</i></p>

97	23.38	Providing fire alarm & firefighting system in the library NIT Hamirpur	<p>Presently there is no fire alarm & fire-fighting system installed in the Library building of NIT Hamirpur, which is mandatory as per the fire norms. Hence keeping in view the said aspect the work is proposed & placed before the committee for approval please. The estimate prepared based on DSR 2012 and duly scrutinized and approved by the Technical committee in its meeting held on dated 29/6/2016 amounting to Rs. 12.34 Lacs.</p> <p><i>The BWC approved the agenda item and estimate amounting to Rs. 12.34 lacs only.</i></p>
98	23.39	Replacement of old sodium Vapour street light fittings with LED fittings along the main road NIT Hamirpur (Phase-I)	<p>The street light sodium Vapour lamp fittings were installed along the road of NIT Hamirpur about 24 years back. Since now the LED fittings has been introduced in the present electrical market & as per the guide lines of ministry, it is suggested to go for LED fittings. Hence keeping in view the energy saving concept & environment friendly nature of the LED. It is proposed to replace lights from Gate No. 1 to Dhauladhar Boys Hostel in Phase-I and old light fixtures will be used at other places. The estimate prepared based on DSR 2012 and duly scrutinized and approved by the Technical committee in its meeting held on dated 18/2/2016 amounting to Rs. 18.98 Lacs.</p> <p><i>The BWC approved the agenda item and estimate amounting to Rs. 18.98 lacs only. The BWC suggested that replacement should be in phased manner.</i></p>
99	23.40	Repair and maintenance of Mechanical Engineering Department at NIT, Hamirpur (Electric Work).	<p>The requirement has been received from the Head of Mechanical Engineering Department to renovate the ground floor classrooms, library, tribology lab, corridor of ground and 1st floor main entrance etc. by providing floor tiling, ceiling and aluminum partitions as required at site. Provision of extended roof in the porch to avoid seepage is also required. The estimate prepared based on DSR 2012 and duly scrutinized and approved by the Technical committee in its meeting held on dated 29/6/2016 amounting to Rs. 16.95 Lacs.</p> <p><i>The BWC approved the agenda item and estimate amounting to Rs. 16.95 lacs only.</i></p>
100	23.41	Repair & maintenance of various residential & non-residential Buildings, street lights, Sub-Station in NIT Campus Hamirpur for the year 2016-17 (SH:- supply of various Electrical Material).	<p>The annual repair and maintenance of Electrical works are required various residential & non-residential Buildings, street lights, Sub-Station in NIT Campus Hamirpur for the year 2016-17. The estimate prepared based on DSR 2012 and duly scrutinized and approved by the Technical committee in its meeting held on dated 29/6/2016 amounting to Rs. 24.96 Lacs.</p> <p><i>The BWC approved the agenda item and estimate amounting to Rs. 24.96 lacs only.</i></p>

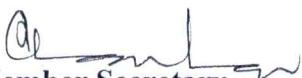
101	23.42	Repair and maintenance of 2nd floor of Admin Block for the department of Humanities and Social Sciences (Electrical work).	<p>As the part of top floor of Admin Block has been allotted for the department of Humanities and Social Sciences. The requirement has been received from the department for the renovation of classrooms, conference rooms and labs.</p> <p>The estimate amounting to Rs. 17.48 Lacs prepared based upon DSR 2012.</p> <p><i>The BWC approved the agenda item and estimate amounting to Rs. 17.48 lacs only.</i></p>
102	23.43	Augmentation and realignment of LT panels in Mechanical Engineering Department and Kailash Boys Hostel at NIT, Hamirpur.	<p>The LT panels installed at said building are very old and with the passage of time the load in these building has increased. In order to provide proper protection and control of power, the LT panels installed in these buildings required to be augmented. Keeping in view the same this estimate has been prepared and placed before the committee for approval please.</p> <p>The estimate prepared based on DSR 2012 and duly scrutinized and approved by the Technical committee in its meeting held on dated 29/6/2016 amounting to Rs. 8.69 Lacs.</p> <p><i>The BWC approved the agenda item and estimate amounting to Rs. 8.69 lacs only.</i></p>
103	23.44	Providing Generator supply to the Auditorium, Lecture Halls, Administrative block and Street light in NIT Hamirpur .	<p>Presently there is no provision of stand by Electrical Power supply in the above said Building. Since the above said buildings are of important nature and require uninterrupted power supply. At present spare load on 320 KVA generator installed at NIT, Hamirpur is available. Hence keeping in view the importance of the said building and best utilization of the generator installed, the said work is placed before the committee for approval please.</p> <p>The estimate prepared based on DSR 2012 and duly scrutinized and approved by the Technical committee in its meeting held on dated 29/6/2016 amounting to Rs. 19.35 Lacs.</p> <p><i>The BWC approved the agenda item and estimate amounting to Rs. 19.35 lacs only.</i></p>
	Horticulture work		
104	23.45	Supply of gloves, masks, shoes, uniform etc. for garbage and sewerage workers.	<p>The outfits such as uniform, gloves, masks, shoes etc. are required for the maintaining hygienic conditions for garbage and sewerage workers. Accordingly the procurement of the same has been proposed.</p> <p>The Technical committee scrutinized and approved the estimate in its meeting held on dated 29/6/2016 amounting to 2.43 Lacs.</p> <p><i>The BWC approved the agenda item and estimate amounting to Rs. 2.43 lacs only.</i></p>

105	23.46	Landscaping surrounding the Manimahesh and Dhauladhar Boys Hostel	<p>The area around the Manimahesh and Dhauladhar Hostel required landscaping as the land has been filled up by the cutting work of Computer center and E-class rooms and area requires development and landscaping.</p> <p>Estimate amounting to Rs 8.25 Lacs has been prepared and placed before committee for approval please.</p> <p><i>The BWC approved the agenda item and estimate amounting to Rs. 8.25 lacs only.</i></p>
106	23.47	Painting and distempering of Type-III and Type-IV Residential houses in NIT, Campus	<p>The requirement has been received from the residents of the various houses that the condition of houses vacated by the various faculty members during allotment process require painting and distempering before the occupation. Accordingly the estimate amounting to Rs. 5.57 Lacs placed before the committee for approval please.</p> <p><i>The BWC approved the agenda item and estimate amounting to Rs. 5.57 lacs only.</i></p>
107	23.48	Providing sign boards along the road and in various buildings	<p>The sign boards of stainless steel along the road side have been proposed for the demarcation of various buildings, hostels and other services in the campus. The LED based sign boards inside the buildings have also been proposed. The estimate amounting to Rs.9.89 Lacs only</p> <p><i>The BWC approved the agenda item and estimate amounting to Rs. 9.89 lacs only.</i></p>
108	23.49	Supplying and fixing E podium and Lab Table for various departments	<p>The requirement has been received from various departments for 20 Nos. E podium for smart class rooms and 50 Electronics Lab Tables for laboratories. Accordingly work has been proposed amounting to Rs 278.00 Lacs for approval please.</p> <p><i>The BWC approved the agenda item and estimate amounting to Rs. 278.00 lacs only.</i></p>
109	23.50	Supplying and fixing Roller blinds for TPO office and Electronics Department	<p>The requirement has been received from TPO office and Electronics Department for providing the Roller blinds in interview room and Labs and rooms, Accordingly estimate amounting to Rs 9.50 Lacs placed before committee for approval please</p> <p><i>The BWC approved the agenda item and estimate amounting to Rs. 9.50 lacs only.</i></p>

Tabled Items for various works of IIIT Una.

1	1	Construction of Director Residence for IIIT Una (HP).	<p>The residential accommodation for the Director in the campus of IIIT Una is necessary to be provided as the site of IIIT Una is far away from Head Quarter Una. Therefore it is proposed that the Director residence should be constructed on priority bases to enhance the overall development of the campus. The estimate amounting to Rs. 81.61 lacs</p> <p><i>The BWC approved the agenda item and estimate amounting to Rs. 81.61 lacs only.</i></p>
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2	2	Construction of Camp Office at IIIT Una.	<p>The construction activities are being started in IIIT Una and the Camp Office for the staff and officials are required to be constructed immediately. The temporary offices for Director, Registrar, Engineering wing and staff have been proposed. The estimate amounting to Rs. 130.83 lacs has been proposed for above cited subject.</p> <p><i>The BWC approved the agenda item and estimate amounting to Rs. 130.83 lacs only.</i></p>
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Member Secretary
Building & Works Committee
NIT Hamirpur (HP).