

**MINUTES  
OF  
9TH BUILDING & WORKS COMMITTEE  
MEETING**



**Venue :** Committee Room, First Floor,  
Administrative Block, SLIET Campus,  
Longowal (Sangrur), Punjab

**Date:** 23<sup>rd</sup> May, 2018

**Time:** 12:00 NOON

*S. S. S. S.*  
15/6/18

**SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY**  
(Deemed to be University)  
LONGOWAL -148106 (District Sangrur), Punjab

**MINUTES OF 9<sup>th</sup> BUILDING WORKS COMMITTEE MEETING HELD ON 23.05.2018****The following were present:-**

1.	<b>Prof. Shailendra Kumar Jain,</b> Director, SLIET, Longowal	Chairman
2.	<b>Mr. B. B. Bhagat, Under Secretary</b> nominee of Joint Secretary & Financial Adviser, Government of India, MHRD, Department of Higher Education, I.F. Division, Shastri Bhawan, New Delhi	External Member
3.	<b>Mr. Pawan Kumar Ahuja, XEN (Electrical),</b> CPWD, nominee of Superintending Engineer (Electrical), CPWD, Patiala Circle, Patiala	External Member
4.	<b>S. Yadvinder Singh, Principal,</b> Sant Baba Attar Singh, Government Polytechnic College, Badbar (Sangrur) nominee of the Director, Technical Education & Industrial Training, Punjab, Chandigarh	External Member
5.	<b>Prof. Harish Chopra,</b> Dean (Planning & Development), SLIET, Longowal	Member
6.	<b>Er. Sudeep Singh,</b> Estate Officer, SLIET, Longowal	Member
7.	<b>Dr. Avinash Thakur,</b> Faculty Incharge (Civil), SLIET, Longowal	Special Invitee
8.	<b>Dr. Charanjiv Gupta,</b> Faculty Incharge (Electrical), SLIET, Longowal	Special Invitee
9.	<b>Prof. Harish Chopra,</b> Registrar, SLIET, Longowal	Member Secretary

**The following could not attend the meeting:**

1.	<b>Deputy Secretary,</b> Government of India, MHRD, Department of Higher Education, TS-VII, Shastri Bhawan, New Delhi	External Member
2.	<b>Superintending Engineer,</b> Jalandhar Central Circle, CPWD, 29, Link Road, Jalandhar	External Member

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Before presenting the Agenda, Member Secretary, Building & Works Committee, apprised about the comments of IFD, Government of India, MHRD, Department of Higher Education, New Delhi received through email dated 23.05.2018 having Ref. No. 2-5/2013-IFD dated 23.05.2018. A copy of the same was also given to each member of BWC for ready reference. The comments of IFD were read out to all the members during the meeting. The BWC noted the comments of IFD, MHRD, New Delhi and started the meeting.

<b>ITEM NO.</b> <b>9.1</b>	<b>TO CONFIRM THE MINUTES OF THE 8<sup>th</sup> MEETING OF THE BUILDING &amp; WORKS COMMITTEE HELD ON 08.12.2017.</b>
	The Minutes of the 8 <sup>th</sup> Meeting of the Building & Works Committee, SLIET held on 08.12.2017 have been circulated on 15.12.2017 for information & necessary action. The Ministry vide letter no. F. No. 10-29/2017-TS-VII dated 09.01.2018 has communicated that they have no objection in

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	<p>adoption of the Minutes of the 8<sup>th</sup> B&amp;WC meeting. No comments from other members have been received on the minutes. The B&amp;WC kindly confirm these minutes, as circulated.</p> <p>A copy of the circulated minutes of the 8<sup>th</sup> Meeting of the B&amp;WC is enclosed at Annexure-I for reference/ perusal.</p> <p><b>Decision:</b> Confirmed.</p>
<b>ITEM NO. 9.2</b>	<b>TO RECEIVE A REPORT ON THE ACTION TAKEN ON THE DECISIONS OF THE 8<sup>th</sup> MEETING OF THE BUILDING &amp; WORKS COMMITTEE.</b>
	Details of action taken on the decisions of the Building & Works Committee are as under:

<b>Resolution No.</b>	<b>List of the Decisions of BWC Meeting</b>	<b>Action Taken/ Status</b>	<b>Decision</b>
<b>I</b>	<b>6<sup>th</sup> BWC Meeting</b>		
a)	Work on Extension of Various Departments at SLIET, Longowal.	<b>Extension of ECE / EIE Block:</b> - The construction of the Extension of ECE / EIE block has been commenced from December-2017. Bhumi Poojan was done on 19.03.2018. CPWD may be requested to expedite the work.	Noted
		<b>Extension of Chemical Block:</b> - This work will be taken up subject to allocation of funds.	Noted
b)	Construction of Buildings for Housing departments of Civil Engineering, Management, PWD and Training & Placement at SLIET, Longowal	<b>Construction of EDP, T&amp;P and other facility building:</b> - The construction of the block has been commenced from December-2017. Bhumi Poojan was done on 19.03.2018. CPWD may be requested to expedite the work.	Noted
		<b>Construction of Civil Engineering Block:</b> - The construction of Civil Engineering Block will be considered once approval to start	Status Noted and the work deferred till the receipt of requisite approval from the MHRD, New Delhi Necessary permission to be obtained to start

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		degree course are obtained.	the UG Course.
f)	Any other item with the permission of the Chair.		
	A. Provision of lighting in the park area of Type-II, Type-IV & Type-V houses. The committee approved the provision of lighting in the park area on the lines of provision made in type-III houses area.	Lighting in Type-I and Type-II executed. Some area in Type-III executed. Some area of Type-3 and Type-5 is being taken up.	Noted
	B. Provision of Scooter/ cycle shed in the parking of administration block	Work will be taken up on allocation of funds	Noted
<b>II</b>	<b>7<sup>th</sup> BWC Meeting</b>		
a)	Renovation of Mess Area of Boys Hostel No. 1, 2, 4 to 8 and Girls Hostel No. 1 & 2.	During the visit of various hostels by Director, Dean (SFW), Estate Officials, Hostel authorities, it is considered to reduce the scope of work by connecting first washing area, Kitchen area service area and covering the open area of the verandah where large utensils are kept & washed. Accordingly, the estimates are proposed to be recasted.	Noted
b)	Construction of Cafeteria.	Chairman, B&WC is authorized to take a decision on the work	Deferred.
c)	Renovation and Widening of Road between Duggan to Longowal Gate.	Work of widening of road is in progress work is likely to be completed by 30.06.2018	Status noted. Work award vide work order no. SLIET/EST/2018/3922 -28 dated 28.02.2018

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			amounting to Rs. 26,92,550.00. Expected date of completion is 30.06.2018.
d)	Providing inter locking paver block in the Parking of Admn Building with provision of rain water harvesting.	Chairman, B&WC is authorized to take a decision on the work	Deferred.
g)	Renovation & Modification of existing stadium	Work will be taken up subject to allocation of funds	This item has been taken as separate Agenda Item of 9 <sup>th</sup> BWC at Item No. 9.3.
h)	Renovation of quarters - external (2nd Phase).	The work of type II quarters and type IV quarter (48 No.) is in progress. The work of Type-III (old) quarter, balance type-IV quarters & type-V quarters will be taken up next subject to availability of funds.	The work of Type-II quarters has been awarded vide work order no. SLIET/EST/2018/3901 -07 dated 28.02.2018 amounting to Rs. 23,40,465.00. Expected date of completion is 06.09.2018 and work order no. SLIET/EST/2018/3908 -14 dated 28.02.2018 amounting to Rs. 26,91,065.00. Expected date of completion is 06.09.2018. Status Noted. It was desired by the BWC to complete. The renovation work (2 <sup>nd</sup> phase) in 3-4 months time.
i)	Provision of smart class room one in each academic block.	The civil work is in progress. Electrical work is in the process of finalization. Procurement of LED has been completed. The procurement of furniture items is in process.	The Civil work has been awarded vide work order no. SLIET/EST/2018/3930 -36 dated 28.02.2018 amounting to Rs. 27,11,020.00. Expected date of completion is 06.09.2018. Noted. It was desired by the BWC to complete the work in 3-4 months time.

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l)	Construction of Road up-to LPG Godown	The work will be taken after allocation of funds.	Deferred.
m)	Automation of Mess Area	Hostel authority is to expedite the work	Noted.
<b>III</b>	<b>8<sup>th</sup> BWC Meeting</b>		
a)	Renovation & Modification of Labs of various departments	The work of re-water proofing of workshop building is in progress detailed estimate of various work are under preparation. The works will be considered once funds are allocated.	Noted
b)	Renovation of student rooms of hostels	The work of renovation of students rooms of GH No. 1 (61 nos.) has been awarded. The work will be started once the rooms are made available by Hostel authorities.	The work has been awarded vide work order no. SLIET/EST/2018/4462-72 dated 26.03.2018 amounting to Rs. 26,99,280.00. Expected date of completion is 02.10.2018. The work to be completed during summer vacations. It may be ensured that the work is completed before the joining back of students in the Girls Hostel after summer vacation.
c)	Construction of 06 no. Class room in Science Block	The work has been awarded to CPWD. The CPWD is to submit estimate for the work	Status Noted. The work to be expedite. The BWC desired that theatre type classrooms be planned so that the newly constructed classrooms should easily be converted into smart classrooms in future.
d)	Provision of Wire Gauge windows in academic buildings	The Work is in Progress	The work has been awarded vide work order no. SLIET/EST/2018/3915-21 dated 28.02.2018 amounting to Rs. 23,40,465.00. Expected date of completion is 06.09.2018. The work to be

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			completed by July, 2018.
e)	Provision of one centralized RO System in each hostel	The PPP (public private partnership) mode is being explored.	Status noted. BWC requested for acceleration in execution of the work.
f)	SITC of LED street light on newly constructed bypass road to Longowal near Duggan gate	The status report of utilization of this road is still awaited from F.I. (Security).	Deferred.
g)	Laying of cable from BH-4 transformer to HT Room near	The work awarded & is in progress.	Noted. The work may be completed by July-2018
h)	SITC of outdoor double door LT panel along with laying of cable	The work awarded & is in progress.	Noted. BWC desired to get the work completed in 3-4 months time.
i)	Installation of db's & dismantling of old panels in Residential area in a phase manner	The Estimate has been prepared for (Type-I, II & III old area)	Status Noted.
j)	Addition & Alternation Electrical work required in various buildings keeping in view essential & non essential electrical load.	E-tender floated & case file is in process	Status Noted and BWC requested to accelerate the work.
k)	Replacement & Addition of air-conditioners in the Guest House, transit accommodation and faculty club	The work of replacement of old AC's in Guest House is being taken up by EESL, whereas procurement of AC's of other places will be made through GeM Portal	Status Noted. BWC approved to plant trees as per following formula to compensate the environment:- 01 AC (1.5 Ton) = 05 trees. Specific area in the complex to be identified to plant, tree as per master plan. It was also decided to place hoardings at appropriate places within the campus displaying/ requesting/ motivating the general public for plantation of trees to compensate the environment towards installation ACs in their respective premises.

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l)	Supplying & laying of main LT Cable to ME Block	E-tender floated & case file is in process	Status Noted.
m)	To equate the facilities of one seminar hall for conducting meeting, Seminars, STCS, GDS & interviews in each block.	The civil work is in progress. Electrical work is in the process of finalization.	F.I. (Electrical) informed that the work has been awarded. The Civil work has been awarded vide work order no. SLIET/EST/2018/3806-12 dated 26.02.2018 amounting to Rs. 3,06,500.00. Expected date of completion is 02.06.2018  Status Noted by the BWC.
n)	Replacement of 25HP self priming non clog pump sets installed in sewerage well at SLIET Longowal	E-tender floated & the quoted bid is on higher side. Consequently, this tender has been cancelled. Afresh e-tender will be floated.	Status Noted.
o)	<b>ANY OTHER ITEM:</b>		
	a) Renovation / Up-gradation of Transit Accommodation. During an inspection of the Transit Accommodation by Director SLIET, Dean (P&D) & Dean (SFW), it was decided to consider Renovation / Up-gradation of Transit Accommodation. The scope of work include provision of vitrified tiles, PVC shutter in bathroom doors, replacement of water supply pipes & fixtures,	Work is in Progress	The work has been awarded vide work order no. SLIET/EST/2018/3937-42 dated 28.02.2018 amounting to Rs. 26,62,166.00. Expected date of completion is 06.09.2018



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	<p>oil bound distemper, Aluminum cupboard in kitchen, raising of plinth protection, converting two room for PWD persons, ramp at the entrance for PWD persons, replacement of roof with fiber glass, honey comb brick work to replace with aluminum glass &amp; mesh window etc.... The tentative cost of work is Rs. 28.84 Lacs.</p>		
	<p>b) Creation of seating space for Girl's on first floor and Boy's at ground floor in Student Activity Centre Building. Presently, no proper space is available for Girl's &amp; Boy's for seating during off hours. During the inspection of student activity centre building, it is considered to utilize the open verandah at first floor &amp; ground floor by creating seating space with few modification in the building. The tentative cost of the work is Rs. 4.00 Lacs</p>	<p>Work completed.</p>	<p>The work has been awarded vide work order no. SLIET/EST/2018/3813 -18 dated 26.02.2018 amounting to Rs. 2,63,540.00. The actual date of completion is 03.04.2018 at a completion cost of Rs. 2,72,164.00</p> <p>NOTED.</p>

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	<p>c) Provision of water supply for firefighting system for Auditorium building.</p> <p>The water tank constructed for firefighting system does not have provision for water supply. Now, it is proposed to make provision by laying 6" water supply line from tubewell near Boy's Hostel no. 02. The water supply line may also be used for upcoming buildings in the vicinity in future. The tentative cost of the work is Rs. 10.00 Lacs.</p>	<p>Tender were floated but the quoted rates were received very high rates from the bidders. Process of re-costing of the tender on market rates has been initiated.</p>	<p>Noted.</p>
	<p>d) Provision of Central parking for student vehicles.</p>	<p>Work will be taken up on allocation of funds.</p>	<p>Noted.</p>
	<p>e) Provision of sub-station along-with extension of ECE/EIE Block</p>	<p>Work will be taken up on allocation of funds.</p>	<p>CPWD may be requested to execute the work along-with the already awarded depository work i.e. Extension of ECE/ EIE Block.</p>
	<p>f) Renovation of faculty club</p>	<p>Work will be taken up on allocation of funds.</p>	<p>Noted.</p>
	<p>g) Renovation of Community Centre</p>	<p>Work is in progress</p>	<p>Noted. Estate Office informed that the work is likely to be completed by July, 2018. The work has been awarded vide work order no. SLIET/EST/2018/4445 -55_ dated 26.02.2018 amounting to Rs.</p>

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			25,28,348.00. Expected date of completion is 02.10.2018
	h)	Proposal for procurement of equipment for ARM of horticulture works	Work will be taken up on allocation of funds Noted. Chairman, BWC is authorized to take the decision.

**ITEM NO. 9.3 UPGRADATION OF EXISTING STADIUM**

Necessary repair and maintenance of the existing stadium must be carried out and the existing stadium must be upgraded by providing synthetic/Tartan track, constructing pavilion, store rooms, stage, gates at the openings, flood lights around the track, wash rooms etc. Renovation of the existing stadium is already approved by the BWC in its 7th meeting and now the committee is requested to consider:

a) Synthetic/ Tartan Track - Tentative Cost 150.00 Lacs  
b) Pavilion including other mentioned - Tentative Cost 200.00 Lacs

**The committee is requested to consider and approve the same.**

**Decision:** It was decided to take up the work as per decision taken in the BOM meeting. It was directed by the BWC to keep ready the DPR (architecture design, estimates etc). Possibilities should also be explored first for providing state of the art sports complex to the students. These may be planned as per MHRD directive to get fund under OH-35 from HEFA, with due approval of FC/BOM.

**ITEM NO. 9.4 PROVISION OF SPORTS GROUND FENCING, PARKING, FLOORING AND EXTERNAL FINISHING OF THE KENDRIYA VIDYALYA**

Kendriya Vidyalaya in its Vidyalaya manage committee meeting, held on 29.01.2018, under the chairmanship of Director, SLIET planned to execute fencing of adjacent ground, flooring of assembly area, shed on assembly stage, a movable guard room, provision of parking in front of Vidyalaya, external finish of the old block. Accordingly, an estimate has been framed for these works. The tentative cost of the works may be Rs. 53.33 lacs. **(ANNEXURE-II)**

**The committee is requested to consider & approve the same.**

**Decision:** Approved. The work may be taken up in two phases. First phase may be started in 2018-19 and second in 2019-20. Matter to be taken up in FC/BOM for funding through HEFA.

**ITEM NO. 9.5 PROVISION OF FENCING OF RESIDENCES**

To streamline the traffic as well as safety of residents of the campus, a committee, constituted by the Director, SLIET surveyed the campus and proposed as below :

1. Strategic provision of low height gate with extended wall/barrier to avoid passing (The position are marked on the map as L1 to L13.

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	<ol style="list-style-type: none"> <li>2. Automatic low height gates/ barrier are provided as per detailed marked on map from A1 to A4.</li> <li>3. 4 feet height boundary wall (with additional 1 ½ feet grill) starting from faculty club o Longowal gate with provision of two gate (G-1 &amp; G-2) (position marked on map as B1).</li> <li>4. Boundary wall from K.V. School to Shop's near Transit Accommodation - B2.</li> <li>5. Zoning of the roads will be done with relevant colors to specify vehicles.</li> <li>6. Mesh Fencing from the KV school boundary wall to the main boundary wall of the Institute (marked as B3) to restrict the movement / entry of wild animals in residential area.</li> </ol>
	<p>It is therefore proposed to carryout this work. The tentative cost of the work may be Rs. 60.00 Lacs.</p> <p><b>The committee is requested to consider and approve the same</b></p> <p><b>Decision:</b> Approved in principle. The Estimate to be reviewed, with proper planning in phased manner. Funding through HEFA as per directives of MHRD under OH-35.</p>
<p><b>ITEM NO. 9.6</b></p>	<p><b>REPAIR AND MAINTENANCE / STANDARDIZATION OF EXISTING CLASSROOMS AT SLIET, LONGOWAL</b></p>
	<p>A meeting was held in committee room on 24.04.2018 at 11:30 AM to discuss the repair &amp; maintenance Standardization of classrooms in compliance of IOL No. SLIET/DIR/106 dated 17.04.2018. The committee discussed and agreed upon on the following points:</p> <p>(1) Provision of Black Board of size 12ft X 4ft with Aluminum Frame having graphical presentation of 4ftX4ft including provision of light above the blackboard. (2) Providing Oil bound Distemper in place of existing white-washing in all the classrooms. (3) Providing facility for presentation system and podium connectivity. (4) Repair to flooring and furniture including painting. (5) Provision of wire-gauge shutters on the windows. (6) Provision of fan for faculty on dias of classroom. (7) Modification of electricity control system by way of providing MCBs by replacing the existing switches. (8) Provision of fire fighting system, if required. (9) Provision of dark film on the glasses of windows of classrooms. (10) Replacement/ relocation of fans, if required. (11) Provision of glass of 1ft X 1ft size at the entrance gate of classrooms. The number of classrooms considered is 36 nos. The tentative cost of the work may be Rs. 56.00 Lacs. <b>(ANNEXURE-III)</b></p> <p><b>The committee is requested to consider and approve the same</b></p> <p><b>Decision:</b> Approved. Estimate to be reviewed. It was resolved that no tiling work and fire fighting system (inside class rooms) is required in these proposed 36 Nos. of classrooms.</p>
<p><b>ITEM NO. 9.7</b></p>	<p><b>RENOVATION / FURBISHING / UPGRADING OF VARIOUS DEPARTMENTS HOUSED IN ADMINISTRATIVE BLOCK BUILDING</b></p> <p>Account Section in the Administrative building has been refurbished by creating space for officers, low height cabins for staff, cashier</p>

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	<p>cabin, store space, cupboards for keeping files. The Academic section, Administrative sections, Store Purchase section needs refurbishing the same lines. There is also a proposal to create office of Dean (SFW), Dean (R&amp;C) in the same building carrying out addition / alterations in the building as well as re-arranging the offices. To carryout Civil &amp; Electrical works a tentative cost will be Rs. 60.00 Lacs.</p> <p><b>The committee is requested to consider and approve the same</b></p> <p><b>Decision:</b> Approved.</p>
<b>ITEM NO. 9.8</b>	<p><b>RENOVATION / UPGRADATION OF MULTIPURPOSE HALL OF MECHANICAL ENGINEERING BUILDING</b></p> <p>The Multipurpose Hall (MPH) located in the Mechanical Engineering block, is being utilized to conduct examination and for technical festivals. There is also a space below this hall, which is presently being used for parking of vehicle and half the space remain unitized. It is proposed that the space below the Multipurpose Hall may be connected into Examination Centre and the Multipurpose Hall may be divided into three zones by providing movable curtains with Air conditioning for its multiple usage. The tentative cost of the work will be Rs. 110.00 Lacs.</p> <p><b>The committee is requested to consider and approve the same.</b></p> <p><b>Decision:</b> Approved. The estimate to be reviewed. The upper floors with suitable foldable partitioning may be provided with air-conditioning and the lower floor may be provided with fans only.</p>
<b>ITEM NO. 9.9</b>	<p><b>PROVISION OF FENCING TO BARRICADE AREA TOWARDS EAST OF CAMPUS TO RESTRICT THE MOVEMENT OF ANIMALS</b></p> <p>The Institute is having number of species of birds and animals in the campus for balancing the environment of the campus. Blue Bull (Neel Cow) is one of the animals moving in the campus. The number of the Blue Bull has been raised manifold. They are now creating problem as they are eating new plants, creating traffic problems and sometimes hits the residents particularly kids/ old age persons/ ladies of the campus.</p> <p>We are in the process of creating Herbal Park, Health Garden in the campus. To ensure that these parks may come up without any hindrance by Blue bulls, their movement may be restricted to one corner of the campus by creating fencing. However, necessary arrangement will be made for feeding water to these blue bulls. The tentative cost of the work may be Rs. 20.00 Lacs.</p> <p><b>The committee is requested to consider and approve the same</b></p> <p><b>Decision:</b> Approved.</p>
<b>ITEM NO. 9.10</b>	<p><b>SUPPLYING/LAYING OF LT CABLE ALONG WITH PROVISION OF FEEDER PILLAR NEAR MAIN STAGE IN FRONT OF FOOD BLOCK AT SLIET LONGOWAL</b></p> <p>To illuminate the large dark area between Food, Mechanical &amp; back side of Central Library, lighting provision may be provided. Also there is main stage in front of the Food Block &amp; same is used for</p>

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	<p>conducting various culture events like Madhuram, TechFest etc. Every time lighting &amp; power supply provision are required to be made by hiring from local market. For this LT main Aluminum Armoured cable, feeder pillars &amp; earthing etc. is required. Hence, the tentative estimated cost of this work will be 7.10 Lacs. <b>(Annexure-IV)</b></p> <p><b>The committee is requested to consider and approve the same.</b></p> <p><b>Decision:</b> Approved.</p>
<b>ITEM NO. 9.11</b>	<b>UP-GRADATION OF STREET LIGHT LT PANELS AT SLIET LONGOWAL</b>
	<p>There are many street light outdoor feeder pillars installed in the campus area which feeds power supply to the various street light feeders. The up-gradation/replacement of some LT panels is required for the smooth functioning of street light as in the old panels fuse units are used which may be replaced with MCB/MCCB's as per requirement. Also, the numbering of feeder pillars &amp; street light poles has to be made. The tentative estimated cost of this work will be 6.53 Lacs. <b>(Annexure-V)</b></p> <p><b>The committee is requested to consider and approve the same.</b></p> <p><b>Decision:</b> Approved.</p>
<b>ITEM NO. 9.12</b>	<b>PROVISION OF LIGHTS IN PARK CUM PLAY GROUND LIGHTS OF TYPE-III &amp; TYPE-V AREA AT SLIET LONGOWAL</b>
	<p>The Provision of lights in the play grounds has already been made in Type-I, II &amp; III areas. There is park cum play ground in Type-V area with swings facilities &amp; one more park cum play ground has been established in Type-III (new) area. All these parks have no light facility at present. For better &amp; proper utilization of these play grounds by the residents &amp; their wards of SLIET, the lighting arrangement may be made to illuminate these areas. For the same, the LT Aluminum Armoured cable, outdoor feeder pillar, poles &amp; LED lights are required. The tentative estimated cost of this work will be 2.86 Lacs. <b>(Annexure-VI)</b></p> <p><b>The committee is requested to consider and approve the same</b></p> <p><b>Decision:</b> Already approved in the 6<sup>th</sup> BWC. No need to take up as separate agenda item.</p>
<b>ITEM NO. 9.13</b>	<b>REPLACEMENT OF GANG OPERATED SWITCHES OF HT LINE IN SLIET CAMPUS</b>
	<p>The Gang operated switches are installed in HT overhead line at various locations in 3 KM span inside the campus. These are using for operation and isolation of various Transformers in HT line. These gang operated switches are approximately 25 years old &amp; the operation of these GO switches are dangerous because it spreads the arc and sometime did not isolate/close the circuit properly.</p> <p>Also, during rainy/humid weather arc blows out &amp; sparking from</p>

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	<p>various contact parts has been seen, the same becomes the cause of HT line breakdown. It can also be cause of any untoward incident.</p> <p>So, it is proposed that the said Gang operated switches may be replaced with new ones for the smooth functioning of HT line and for safe operation. The approximate cost is 2.32 Lacs. <b>(Annexure-VII)</b></p> <p><b>The committee is requested to consider and approve the same.</b></p> <p><b>Decision:</b> Approved.</p>
<p><b>ITEM NO. 9.14</b></p>	<p><b>ELECTRICAL WORK IN POWER SYSTEM LAB (E-101) OF EIE DEPARTMENT</b></p>
	<p>A requirement has been received from HOD (EIE) for Electrical work required in the newly established Power System Lab (E-101) in Electronics block. The drawing provided by HOD (EIE) contains cable trays for laying the main supply cables/wires to different equipments. Also, there are around 15-17 equipments, for which the provision of separate single/three phase along with earth has to be made. The approximate cost of this work is 1.10 Lacs. <b>(Annexure-VIII)</b></p> <p><b>The committee is requested to consider and approve the same</b></p> <p><b>Decision:</b> Approved.</p>
<p><b>ITEM NO. 9.15</b></p>	<p><b>SITC OF OUTDOOR FEEDER PILLAR &amp; LAYING OF LT CABLE FOR BEE FARM NEAR DUGGAN GATE</b></p>
	<p>A requirement has been received in this office from Dr. Vikas Nanda, Prof. (FET) for Electrical work, required in the newly established Bee Farm near Duggan Gate, SLIET. Presently, temporary arrangement of power supply to submersible motor has been made. However, estimate has been prepared for proper electrical work of the items like LT Aluminum Armored cable, laying, panel with switchgear, earthing &amp; termination etc. The approximate cost of this work is 1.27 Lacs. <b>(Annexure-IX)</b></p> <p><b>The committee is requested to consider and approve the same.</b></p> <p><b>Decision:</b> Approved in principle. BWC desired to put up complete plan e.g. location of lighting/ provision of gates etc. Chairman, BWC to take final decision.</p>
<p><b>ITEM NO. 9.16</b></p>	<p><b>PROVISION OF AIR CONDITIONING IN THE ADMINISTRATION, ACCOUNTS &amp; STORE/ PURCHASE/OTHER SECTIONS HOUSED IN ADMINISTRATIVE BLOCK AT SLIET LONGOWAL</b></p>
	<p>In the recent past, 120T AC plant has been installed in the main Auditorium by CPWD during its special repair &amp; renovation. From this plant the possibilities has been already explored at site by the team of CPWD &amp; OEM to extend the air conditioning facility for the Sections of Administration, Accounts, Store &amp; Purchase and the offices adjoining to the office chambers of Registrar/ Deans in Administrative Block. Accordingly as per the opinion of team, extension from this plant is not possible from technical point of view.</p> <p>It is proposed that separate Air Conditioning facility &amp; replacement</p>

**MINUTES OF 9<sup>th</sup> BUILDING WORKS COMMITTEE MEETING HELD ON 23.05.2018**

of fluorescent lighting with LED fixture for perfect Office Light, Energy efficient & compliments interiors may be provided. However, prior to SITC Air conditioning facility & LED lights, provision of false ceiling may be made in these sections by the civil wing, as it will reduce the volume of the premises by 20-22%. Hence, same will be very much beneficial from energy conservation point of view. The work will be taken up first for the Sections, where the false ceiling has already been provided/exists. The total tonnage required in these sections will be around 38Ton.

Further, as per discussion held between Estate officer & Incharge, Electrical Wing (Estate), the present Academic section is going to shift near set office. So, this section will be taken later on for making the provision of this facility. The approximate cost is Rs.29.10 Lacs. **(Annexure-X)**

**The committee is requested to consider and approve the same.**

**Decision:** Approved. It was desired by the BWC to plant trees as per following formula to compensate the environment: 01 AC (1.5 Ton) = 05 trees. F.I. (Electrical) to initiate the proposal for plantation of trees to compensate the environment for installation of ACs. Suitable area to be indentified for planting trees as per master plan.

**ITEM NO. 9.17 ELECTRICAL WORK IN SWIMMING POOL AT SLIET LONGOWAL**

In the recent past, civil work has been carried out for the renovation of the swimming pool. It has been divided into two parts i.e. pool area & parking area. At present, there is no provision of proper lighting & other related electrical works in the parking area as well as pool area. Accordingly, Electrical work is required i.e. main LT aluminum armoured cable, feeder pillar, poles, LED lighting etc. The tentative estimated cost of this work is 5.75 Lacs. **(Annexure-XI)**

**The committee is requested to consider and approve the same**

**Decision:** Approved. Senior Physical Instructor to be requested for making swimming pool operational. The BWC pointed to provide appropriate security provision in the swimming pool area.

**ITEM NO. 9.18 SITC OF SOLAR POWER PLANT OF CAPACITY 1 MW AT SLIET LONGOWAL**

This is with ref. to Ministry of new & renewable energy (MNRE) letter No. 30/11/2014-15/NSM dated 28.05.2015 conveying in Principal approval of Ministry for allocation of Rs. 1 Cr./1MW to SLIET Longowal as a policy matter adopted by Govt. of India for all GOI organizations/CPSUs. The approximate cost is Rs. 700 Lacs. The work will be carried out either through Solar Corporation of India, PEDAs or any other Govt. organization emplaned with MNRE.

**The committee is requested to consider and approve the same**

**Decision:** The BWC desired that the proposal be put up as per comments of IFD (F.No.2-5/2013-IFD dated 23.05.2018). The Solar Power Corporation of India / MNRE may also be requested to

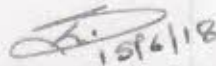


**MINUTES OF 9<sup>th</sup> BUILDING WORKS COMMITTEE MEETING HELD ON 23.05.2018**

	provide the latest policy of Government of India on the issue for Government funded Educational Institutes.
<b>ITEM NO. 9.19</b>	<b>PROVISION OF CINEMATIC VIEW PROJECTOR ALONG WITH FOCUS LIGHT FOR THE MAIN STAGE AT MAIN AUDITORIUM AT SLIET LONGOWAL</b>
	<p>The display of present installed projector by the CPWD is having diagonal of 96 inch which is being used for conducting expert lecture, seminars etc. Also there is need of focus light for the main stage. In this regard i.e. for making the provision of cinematic view projector &amp; focus light for the main stage already requisition has been sent to CPWD. However, the estimate from CPWD is awaited.</p> <p><b>The committee is requested to consider and approve the same</b></p> <p><b>Decision:</b> The CPWD may be requested to submit the estimate with complete details and the proposal is to be resubmitted in the next BWC meeting.</p>
<b>ITEM NO. 9.20</b>	<b>KENDRIYA VIDYALAYA DG POWER SUPPLY TO THE ADJACENT BUILDING LIKE BANK, POST OFFICE, RESTAURANT, TELEPHONE EXCHANGE &amp; SHOPPING COMPLEX AT SLIET, LONGOWAL</b>
	<p>Recently, extension of KV School has been carried out by CPWD &amp; building is in use. During this extension in the Electrical work, a provision of 125KVA DG set has been made as per KV norms. At present, the load demand of KV school is around 20KW. In case of power failure from PSPCL this 125KVA DG Set is larger more than the demand. So, the adjacent building like bank, post office, restaurant, telephone exchange &amp; shopping complex can be connected to the DG supply. For this LT aluminum around cable, feeder pillar, automatic changeover, earthing etc. are required. The tentative estimated cost of this work is 2.50 Lacs. <b>Annexure-XII</b></p> <p><b>The committee is requested to consider and approve the same.</b></p> <p><b>Decision:</b> Approved in principle, as DG set is already available and under utilized</p>
<b>ITEM NO. 9.21</b>	<b>RATIFICATION OF THE DECISION OF CHAIRMAN B&amp;WC</b>
	<p>The details of works sanction by Director-cum-Chairman, B&amp;WC are enclosed at <b>Annexure-'XIII'</b>. The committee is requested to ratify the decision of the Chairman, BWC.</p> <p><b>Decision:</b> Ratified. The comments of IFD (F.No.2-5/2013-IFD dated 23.05.2018) noted by the BWC. It was resolved that the Institute should avoid the ratification cases in future. Only in emergent cases, the Chairman, BWC may sanction the work. Most of these work are tender of man power through outsourcing &amp; ARM, which should be initiated well in advance &amp; placed in BWC before implementation.</p>
<b>ITEM NO. 9.22</b>	<b>STATUS OF ON-GOING WORKS</b>
	<p>The detail attached at <b>Annexure-'XIV'</b> for the information &amp; consideration of the committee.</p> <p><b>Decision:</b> Noted. It was desired by the BWC that the completed works must have the actual cost instead of estimated cost with</p>

**MINUTES OF 9<sup>th</sup> BUILDING WORKS COMMITTEE MEETING HELD ON 23.05.2018**

	details of work order number, dated and amount with date of completion. The Annexure-XIV as modified is also enclosed for ready reference.
<b>ITEM NO. 9.23</b>	<b>PRIORITY OF WORKS</b>
	The priority of works to be carried out in 2018-19 is placed at <b>Annexure - XV</b> . In case any work other than in the list is required to be carried out, the same will be considered after approval of Director, SLIET cum Chairman, BWC.
	<b>Decision:</b> It was resolved that the priority of works may be finalized by the Chairman, BWC as per BOM decision. Emergent works may be considered with the approval/ permission of Chairman, BWC.
<b>ITEM NO. 9.24</b>	<b>ANY OTHER ITEMS:</b>
	<b>RAISING OF WALL WITH GRILL EXTERNAL FINISHING OF GIRLS HOSTEL NO. 03 &amp; PROVISION OF ALUMINUM GRILL IN CORRIDOR IN GIRLS HOSTEL NO. 01 FOR THE PROTECTION OF MONKEYS.</b>
	During the visit of Director, SLIET, Dean (SFW) and Estate Officials of the Girls Hostels, it was felt the need to raise the inner boundary walls connecting servant dormitory for the safety of the Girls, provision for separate entry of Mess worker for Girls Hostel No. 02 & 03. The external finishing has not been carried out to Hostel No. 03. Since it construction as such considered external finishing. Provision of aluminum grills in the corridor of GH-01 to safe guard the students from monkeys. The estimated cost of the work is Rs. 18.68 Lacs.
	<b>Decision:</b> Approved, the work may be taken up on priority.
	<b>With reference to comments of IFD dated 23/05/2018 for item 9.3 to 9.17 it is decided that these works will be awarded to CPWD or executed directly by Estate Section after call of e-tenders within the relevant provisions of GFR2017. These works will be accommodated by finalizing the priority of work by the Chairman B&amp;WC by suitably amending the priority list of works as per requirement.</b>

  
 Director & Chairman  
 Building & Works Committee

**MINUTES OF 9<sup>th</sup> BUILDING WORKS COMMITTEE MEETING HELD ON 23.05.2018**

ANNEXURE-'XIV'

**Status of on-going works**

(Rupees in Lacs)

COMPLETED WORKS							
Sr. No.	Name of the Work	Estimated cost	Work Order no. with date	Worker Order Amount	Date of Start	Date of Actual Completion	Completed cost
1	Provision of one number each fire exits in Primary wing & Secondary wing of Kendariya Vidyalaya at SLIET, Longowal	00.98	3718-25 dated 19.02.2018	00.92	26.02.18	14.03.2018	00.87
2	Provision of Dustbin for Boys Hostel No. 9 & 10 at SLIET, Longowal.	00.98	3710-17 dated 19.02.2018	00.91	26.02.18	12.03.2018	00.62
3	Creation of seating space for Girl's on first floor and Boy's at ground floor in Student Activity Centre Building at SLIET, Longowal.	00.29	3813-18 dated 26.02.2018	2.64	01.03.18	03.04.2018	2.72
4	Provision of Car Parking Shed in Director Residence at SLIET, Longowal.	00.49	4268-75 dated 15.03.2018	00.46	19.03.18	03.04.2018	00.70
5	Partition of faculty room at the ground floor of Computer Block at SLIET, Longowal	00.37	4260-67 dated 15.03.2018	00.34	19.03.18	31.03.2018	00.33
6	Re-installation of existing sign board at intersection of main highway and road to Duggan	00.48	4556-62 dated 31.03.2018	00.45	25.04.18	25.04.2018	00.43

**WORK UNDER TAKEN BY CPWD AND IN PROGRESS**

Sr. No.	Name of the Work	Estimated / Revised estimated cost	Work Order no. with date	Upto date Cost	Date of Start	Date of Completion as per agreement
1	Extension of ECE & EIE Department at SLIET, Longowal	2109.55	16/EE/LC D/2017-18	142.00	02.12.17	01.06.2019
2	Construction of EDP/ Training Placement and Other facilities at SLIET, Longowal	800.48	16/EE/LC D/2017-18	3.00	13.12.17	12.12.2018

**MINUTES OF 9<sup>th</sup> BUILDING WORKS COMMITTEE MEETING HELD ON 23.05.2018**

WORK IN PROGRESS							
Sr. No.	Name of the Work	Estimated / Revised estimated cost	Work Order no. with date	Worker Order Amount	Upto date Cost	Date of Start	Date of Completion as per agreement
1	To equate the facilities of one seminar hall (ECE Block) for conducting meeting, Seminars, STCS, GDS & interviews in each block (Civil work)at SLIET, Longowal	3.29	3806-12 dated 26.02.2018	3.06	2.72	01.03.18	02.06.2018
2	Provision of wire gauge windows in Academic Buildings (EIE, Food & Chemical, Science Block) at SLIET, Longowal	26.36	3915-21 dated 28.02.2018	24.65	5.27	05.03.18	06.09.2018
3	Renovation of Type-II Quarters External (2nd Phase) at SLIET, Longowal	25.16	3901-07 dated 28.02.2018	23.40	7.55	05.03.18	06.09.2018
4	Renovation of Type-IV Quarters External (2nd Phase) at SLIET, Longowal.	28.92	3908-14 dated 28.02.2018	26.91	14.46	05.03.18	06.09.2018
5	Renovation/Upgradation of Transit Accommodation at SLIET, Longowal	28.84	3937-42 dated 28.02.2018	26.62	11.55	05.03.18	06.09.2018
6	Renovation and Widening of Road between Duggan to Longowal Gate at SLIET, Longowal	29.03	3922.28 dated 28.02.2018	26.93	14.51	05.03.18	06.09.2018
7	Provision of smart class room one in each academic block at SLIET, Longowal	29.39	3930-36 dated 28.02.2018	27.11	5.88	05.03.18	06.09.2018
8	Renovation of Students Room (Three Seaters) Girls Hostel-1 at SLIET, Longowal	28.88	4462-72 dated 26.03.2018	26.99	--	01.04.18	02.10.2018
9	Re-water proofing of roof of workshop building at SLIET, Longowal	29.69	4473-83 dated 26.03.2018	28.98	1.25	01.04.18	02.10.2018
10	Renovation/Upgradation of Community Centre at SLIET, Longowal	27.28	4445-55 dated 26.03.2018	25.28	12.00	01.04.18	02.10.2018

*S. 15/6/18*

Fax - 01672-280082, 280057

F. No.2-5/2013-IFD

Government of India

Ministry of Human Resource Development

Department of Higher Education

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Shastri Bhawan, New Delhi-110001

Dated: 23<sup>rd</sup> May, 2018

To,

The Registrar,  
Sant Longowal Institute of Engineering & Technology,  
Longowal, District-Sangrur-148 106 (Punjab), India

**Subject: Comments on the Agenda Items of the Building and Works  
Committee meeting to be held on 23<sup>rd</sup> May, 2018-regarding**

Sir,

Please refer to your letter No.SLIET/EST/2018/380-90 dated 10<sup>th</sup> May, 2018 regarding meeting mentioned in the subject.

Comments of the IFD, MHRD on the Agenda Items are as follows:-

**9<sup>th</sup> Building and Works Committee**

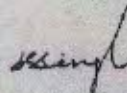
**Item No.9.3 to 9.17 and 9.20(p.7-12 of the Agenda)**

*Comments: In the proposals on these works, the Agencies to which the work is proposed to be awarded have not been indicated. While awarding these works, relevant provisions in the GFR 2017 may be duly complied with. It is also not clear how these works will be accommodated within available fund during 2018-19 as works totaling Rs.16.05 crore has already been selected for implementation vide p.50 of the Agenda.*

**Item No.9.18(p.12 of the Agenda)**

*Comments: In the Agenda, it is mentioned that MNRE vide letter dated 28.5.2015 has conveyed approval for allocation of Rs.1 crore /MW per solar power to SLIET, Longowal and accordingly, approximate cost has been calculated as Rs.7 crore. The complete details have not been furnished in the Agenda and even copy of the said letter dated 28.05.2015 has not been enclosed with the Agenda.*

Contd....2



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The proposal needs to be brought again with complete details such as per day power consumption of the Institute, details with respect to Opex and Capex models available for solar power and the rate at which power will be available to the Institute under Opex Model.

Item No.9.19(p.12 of the Agenda)

✓ Comments: As the estimate is not available with respect to the proposal, it may be considered only after the proposal is resubmitted with complete details along with estimates.

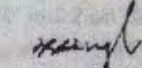
Item No.9.21(p.12 and p.49 of the Agenda)

✓ Comments: It is seen that ratification has been sought with respect to decisions of the Chairman, BWC to sanction 18 works worth total Rs.11.15 crore. Such work should be sanctioned by Chairman, BWC only in emergent cases and not in a routine manner. Hence, this item may be ratified. However, such ratification cases should be avoided in future.

2. The above comments of IFD, MHRD may be appropriately incorporated in the Minutes of the meeting.

3. This issues with the approval of the JS & FA, MHRD.

Yours faithfully



(D. K. Singh)

Under Secretary (Finance)

Mob. No.:9968280796