# SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY LONGOWAL -148106, DISTT. SANGRUR, PUNJAB, INDIA (DEEMED UNIVERSITY UNDER GOVT. OF INDIA, MINISTRY OF HRD)



# MINUTES OF 8<sup>TH</sup> MEETING OF THE BUILDING & WORKS COMMITTEE

DATE : 08/12/2017

TIME : 12:00 Noon

VENUE : COMMITTEE ROOM OF ADMINISTRATIVE

BLOCK, SLIET, LONGOWAL



### SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY LONGOWAL -148106, DISTT. SANGRUR, PUNJAB, INDIA

(Established by Govt. of India)

(Deemed University)

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ESTATE OFFICE

Ref. No. SLIET/EST/2017/

Dated:

#### REGISTERED POST

01	Dr. Shailendra Jain, Director, SLIET, Longowal	Chairman
02	Gajmohan Meena representative of Deputy Secretary, Govt. of India, Ministry of Human Resource, Department of Higher Education, Section -VII, Shastri Bhawan, New Delhi.	Member
03	Sh. Jagdev Singh, A.E., CPWD, representative of Superintending Engineer, Jalandhar Central Circle, CPWD, 29, Link Road, Jalandhar	Member
04	Er. Devinder Kaushal, A.E., CPWD, representative of Superintending Engineer (Electrical), Patiala Division, Patiala	Member
05	Dr. Harish Chopra, Dean (P&D), SLIET, Longowal	Member
06	Er. Sudeep Singh, Estate Officer, SLIET, Longowal	Member
07	Er. Charanjiv Gupta, Faculty In-Charge (electrical). SLIET, Longowal	Special Invitee
08	Dr. Avinash Thakur, Faculty In-Charge (Civil)	Special Invitee

## SUBJECT: MINUTES OF THE 8<sup>TH</sup> MEETING OF THE BUILDING & WORKS COMMITTEE, SLIET-REGARDING.

Dear Sir/Madam,

Please find enclosed herewith a copy of the approved minutes of 8th meeting of the Building & Works Committee, SLIET, Longowal held on 08.12.2017 under the Chairmanship of Dr. Shailendra Jain, Director, SLIET, Longowal for information and further necessary action.

With regards,

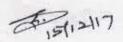
Sincerely

Prof. Harish Chopra, 15.17 Registrar & Member Secretary

E-Mail: registrar@sliet.ac.in

Encl.: Approved Minutes (20 pages).

Sr. No./ Item No.		Agenda	a Items	Minutes of Meeting
Item No.8.1	The Minutes SLIET held 14.07.2016 for have been re- confirming to A copy of the	& WORKS COMMIT  of the 7th Meeting of on 14.07.2016 have or information & necessived on the Minute hese minutes, as circulate circulated minutes Annexure-I for referen	The committee confirmed the minutes of the 7th Meeting of the Building & Works Committee, SLIET held on 14.07.2016.	
Item No. 8.2	TO RECEIVED DECISION WORKS CO	YE A REPORT ON T S OF THE 7th MEI DMMITTEE.	THE ACTION TAKEN ON THE ETING OF THE BUILDING & sions of the B & WC are as under	
	Resolution No.	List of the Decisions of the 7th Meeting of B & WC	Action Taken/ Status	
	I	5th Meeting		
	a)	Redone of Hargobind Khorana Auditorium.	Work completed on 31.10.2016 and put to use.	The committee noted the status. The committee also desired that MOU with CPWD may be reviewed.
	b)	Installation of Two Nos. Deep Tube Wells for water Supply and Irrigation purpose.	One number Tubewell installed & commissioned on 17.06.2017. Second Tubewell will be installed along with the commissioning of underground water storage tank.	The work of one number tube- well was completed at a cost of Rs. 7.07 Lacs. The committee noted the status.
	c)	Construction/ refurbishment of Deans chamber	No action required as alternative arrangement has been made.	The committee noted the status.
	d)	Modification in the School Building for Kendriya Vidyalaya as per the space norms / service support / Administrative / class rooms as on 16.05.2008	Work completed on 13.05.2016. Building put to use.	The expenditure incurred is Rs. 311.42 Lacs. The committee noted the status.
100	11	6th Meeting		
	a)	Work on Extension of Various Departments at SLIET, Longowal.	Tender for the construction of Extension of ECE & EIE block floated by CPWD & technical bids were opened on 02.05.2017, the same are rejected by competent authority of CPWD on 07.06.2017due to inconsistencies observed in	The Preliminary Estimate of the work is Rs. 4124.22 Lacs. CPWD representative/member of B&WC informed the committee that work has been awarded to the contractor and work will be started once the site is made available as trees are to be



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#17,			the bids uploaded by the contractors. Executive Engineer, CPWD, Ludhiana has informed that the technical bid opened on 16.08.2017 and financial bid may be opened within one month's time.	removed where the building is coming up. The committee was informed that the case of assessment of value of trees has been submitted with DFO & the report is likely to come in few days. Further action will be taken on the basis of DFO report. The committee noted the status.
		T TRICTH	Extension of Chemical block will be taken up subject to additional allocation of funds.	2. The committee noted the status.
	b)	Construction of Buildings for Housing departments of Civil Engineering, Management, PWD and Training & Placement at SLIET, Longowal	1.Civil Engineering Block: - The construction of Civil deptt, Block will be considered once approval/ sanction documents are received.  2.EDP, T&P &other facility building: - Construction of EDP block is awarded to CPWD & 1st instalment of deposit of Rs. 300.00 lacs released. Architect is preparing detailed drawings & estimate.	2. The Preliminary Estimate of the work is Rs. 2000.00 Lacs. CPWD representative/member of B&WC informed the committee that work has been awarded to the contractor and work will be started once the site is made available as trees are to be removed where the building is coming up. Action has been initiated to obtain assessment of value of trees from DFO, Sangrur. The committee noted the status.
	c)	Extension of Health Centre at SLIET, Longowal.	Work completed on 31.10.2016 at a cost of Rs, 60.25 lacs & handed over to concerned deptt. for taking necessary action for utilization of space after taking advice from Health Authorities.	The committee noted the status.
	d)	Creation of Barrier Free Environment for PWD's at SLIET, Longowal.	The work has been completed a cost of Rs. 67.42 lacs and facilities put to use.	The committee noted the status
	e)		The work of Swimming Pool completed on 31.10.2016 at a cost of Rs. 52.00 lacs and handed over to Sports department.	The committee desired that al



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200	2	Any other item with the permission of the Chair.  Provision of lighting in the park area of Type-II, Type-IV & Type-	b) Will be taken up subject to additional allocation of funds.	b) The committee noted the status & desired that the work may be taken up as per availability of funds. The committee authorised the Chairman, BWC to take a final decision.	
-	III	7th Meeting			
	a)	Renovation of Mess Area of Boys Hostel No. 1,2,4 to 8 and Girls Hostel No. 1 & 2.	These work of renovation of mess will be taken up in phases. In the first phase mess area of boys hostel no. 4, 5 & 8 is considered. Estimation committee has approved the estimate for Hostel No. 05 for Rs. 34,46,733,00 & Hostel No. 04 & 8 for Rs. 67,33,290.00 respectively.	The committee noted the status	
	b)	Construction of Cafeteria.	Work awarded to CPWD, CPWD has requested to deposit one third of the PE amount.	is authorised to take a decision on the work.	
	c)	Renovation and Widening of Road between Duggan to Longowal Gate.	The work is being taken up in F/Y 2017-18. The estimated cost of the work is Rs. 52.18 lacs.	& requested to expedite the work.	
	d)	The second secon	the F/Y 2017-18. The estimating cost of the work is Rs. 53.28 lacs.	Chairman B&WC is authorise	



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		water harvesting.		
	e)	Providing inter locking paver block in the Parking of Auditorium Buildings with provision of rain water harvesting.	Work completed on 31.05.2017 at a cost of Rs. 31.60 lacs.	The committee noted the status.
	f)	Provision of fencing along newly constructed road for outsiders from Duggan Gate to end of road to secure the campus area	Work completed on 30.06.2017 at a cost of Rs. 61.33 lacs .	The committee noted the status
	g)	Renovation & Modification of existing stadium	Work is being taken up in the F/Y 2017-18. The estimated cost of the work is Rs. 44.00 lacs for civil work. Electrical work estimate is being prepared.	The committee noted the status
	h)	Renovation of quarters - external (2 <sup>nd</sup> Phase).	Work is being taken up in the F/Y 2017-18 in phases at first instance work of Type-IV houses estimated to cost Rs. 55.00 lacs & Type-V houses with estimated cost Rs. 47.00 lacs is considered. The work is not yet started.	The committee noted the status But desired that the work of Qt type-II and type-IV may be taken up in the 1st phase.
	i)	Provision of smart class room one in each academic block.	A committee is constituted to prepare detail technical requirements and to analyze the approximate cost estimation for developing smart class rooms (one in each academic block). The committee has recommended to develop these class rooms under four different segments i.e. Civil work, Electrical work including (AC's & Audio Video system), Purchase section for procurement of furniture for a model based on students through of 60-70. The tentative cost of the work shall be Rs. 22.14 lacs for each smart class room. Head of the departments, requested the committee to extend the facility to each	The committee was apprised that the scope of works include a) 86" Multipurpose Interactive touch screen without OPS costing to Rs. 5.50 Lacs b) Digital podium for class room (including visual presenter wireless interactive pad, inbuilt PC) costing to Rs. 1.56 Lacs. c) Virtual class room solution (including PTZ camera) costing to Rs. 5.48 Lacs. d) Civil works, including false ceiling, wall panelling, vanitial blinds, Vitrified tile and color wash costing to Rs. 4.00 Lacs. e) Electrical works including installation of AC's and lights, UPS costing to Rs. 4.60 Lacs



Sr. No./ Item	Agenda Items		Items	Minutes of Meeting
No.			department in place of each academic block. B&WC is requested to consider the proposal to extend the smart class room for each department. Minutes of the committee are enclosed at Annexure-II.	f) Furniture (Tables and Chairs for around 60 students) costing to Rs. 4.00 Lacs. The total cost is Rs. 22.14 Lacs for each smart class room.  The committee noted the status and also approved the proposal for making provision of smart class room in each department. The committee also desired that work may be executed in phased manner
	Ď	Provision of storage tank (Underground) for regulating water supply	Work is being taken up in the F/Y 2017-18. The estimated cost of the work is 73.56 lacs.	The committee noted the status but desired that a detail justification be submitted with Chairman B&WC for its construction.
	k)	Provision of Sewerage Treatment Plant as per the direction of PPCB	A detail report will be submitted by expert by the end of Sept., 2017 & work is likely to be taken up in the F/Y 2017-18. The estimated cost will be worked out as per expert opinion.	The work is deferred for the time being. The same will be considered in case any new directions are received from PPCB, Punjab. The committee agreed to same.
	1)	Construction of Road up-to LPG Godown	Work is being taken up in the F/Y 2017-18. The estimated cost of the work is Rs. 33.99 lacs.	The committee noted the status & requested to expedite the same.
	m)	Automation of Mess Area	Work will be taken up once the committee finalizes the items to be considered for automation.	The committee asked to expedite the automation of mess area by the Hostel authority.
	n)	Interlocking tile in the parking area of student activity center	Work is completed at a cost of Rs. 13.77 lacs. Work completed on 31.05.2017.	The committee noted the status.
	0)	Rigid pavement between road constructed by CPWD and culvert constructed by PWD, Sangrur	Work awarded to PWD, Sangrur, Payment of Rs. 4.73 lacs is released to PWD on 16.06.2017 and requested them to take up the work on priority.	The committee was informed that the work is in progress by PWD, Punjab and likely to be completed by end of December-2017. The committee noted the status.
	p)	Electrical works. The detail of Electrical works enclosed at Annexure-'A'	The works were deferred in the last B&WC meeting and some of the works are now considered as fresh agenda items.	
Item No. 8.3	DEPARTM Director SL review the	ION & MODIFICA ENTS. IET, Dean (P&D) & F development activities	I. (Civil) visited the departments to es of the departments. During their department requested the team to	and approved.



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	other add proposal HOD's (r The team the rough scope of	the renovation of the Labs of the departitional works. All the HOD's were as for consideration. The proposal was efer Annexure-III).  To f Estate officials visited the department cost estimate based on the proposal work for the departments is enclosed at to take up the renovation work of departments.			
	Sr. No.	Name of Deptts.	Amount	(in lacs)	
	1.	Dantt of CCE	10		
	2.	Deptt. of CSE  Deptt. of Chemistry, Physic & Mathematic		.00	
	3.	Deptt. of ECE &EIE	12	.30	
	4.	Deptt. of Mechanical Engineering		20	No. of the last of
	5.	Deptt. of FET	-	.00	
	6.	Deptt. of Chemical		.00	
	7.	SET Office	0.000	.00	
	8.	Workshop		.06	
	The com	mittee is requested to consider and app			
	bound di vitrified t create a b Accordin three hos	ed that white washing in the rooms be stemper, IPS flooring is eroded and re- ciles and study shelves of the students re- letter environment of the rooms. gly, brief scope of work is prepared be tels (Annexure-'V') It is proposed to tall tudent rooms of hostels as given below			
	Sr.	Name of building		Amount	
	No.			(in lacs)	
	1.	Boys Hostel No. 02 (Constructed in ti 1992)	he year	56.00	
	2.	Boys Hostel No. 03 (Constructed year 1994)	in the	69.00	
	3. Girls Hostel No. 01 (Constructed in the year 1993) 55.00				
Terror .			The committee is requested to consider and approve the same		
Item	CONSTRUCTION OF 06 NO. CLASS ROOM IN SCIENCE BLOCK.  The strength of students of the Institute has gone up from 3000 to 4500 in the last few years. The infrastructure of the Institute is upgraded from time to time as and when such a need arise and availability of funds. Institute has extended the mechanical engineering department by adding labs and class rooms. Work has already been awarded to CPWD for the construction of extension of				The proposal was considered

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No./		
Item		
No.		
	ECE & EIE departments & construction of EDP, T&P and other facilities buildings.	
	Now, the proposal has been received from HOD's (Physics,	
	Chemistry & Mathematics) for six new class rooms to paucity of	
	theory class rooms.  Accordingly, the preliminary estimate is prepared amounting to Rs.	
	196.00 lacs as per detail enclosed at Annexure-'VI'.	
	The committee is requested to consider and approve the same.	
Item	PROVISION OF WIRE GAUGE WINDOWS IN ACADEMIC	The proposal was considered
No. 8.6	BUILDINGS.	and approved.
	Academic buildings are not provided with wire gauge windows,	
	which allow wasps, flies, mosquitoes and pigeons to enter the labs & faculty rooms when glazed windows are kept open. Many a times	
	request for providing wire gauge window was made by students,	
	faculty & staff. This request has been received from departments. It	
	is proposed that to prevent wasps & pigeon, mesquites & flies	
	entering the labs, faculty rooms wire gauge windows is provided in	
	all the academic buildings. The tentative cost of the work is	
	amounting to Rs. 44.00 lacs. As per brief scope of work enclosed at	
	Annexure- VII.  The committee is requested to consider and approve the same	
Item	PROVISION OF ONE CENTRALIZED RO SYSTEM IN EACH	The proposal was considered
No. 8.7	HOSTEL.	and approved. However, the
3 10 13 11		committee desired to explore
	During the visit of Director, Dean (P&D) & Dean (SFW), it is noted	the feasibility of execution of
	that presently, there is a provision of water cooler with RO system to	the work through a vendor,
	cater the need of purified water to the students (approx. 250-300) & kitchen area. During this visit, Dean (SFW) suggested that	which agree to provide &
	centralized RO plant on the rooftop of individual hostel Building	install the system at his own
	may be installed in place of existing system. This work may be taken	cost and rates of supply of RO
	as a SITC of Water purifies in Hostel System including Civil part like	water may be fixed as per
	shed, piping/plumbing work etc. as per requirement along with 1	agreement reached with the
	year operation & maintenance. Initially two centralized Water	vendor.
	purifiers plant with a capacity of 250 lph may be installed one each in boys & girls hostel as a pilot project. Same will be implemented in	
	the whole buildings of the Institute in a phased manner in future.	
	The preliminary approximate cost is Rs. 10 Lacs for this year.	The state of the s
	However, the total cost involve will be 1.5 Crore to implement this	
	scheme in whole hostels, KV School & Institute buildings.	
	The cost of Civil part like shed piping with insulation, plumbing etc.	
	The cost of PO plant of canacity 250 lab starage tank & one year	A STATE OF THE STA
	The cost of RO plant of capacity 250 lph storage tank & one year O&M:7 Lacs.	
	The committee is requested to consider and approve the same	
Item	SITC OF LED STREET LIGHT ON NEWLY CONSTRUCTED	The proposal was approved but
No. 8.8	BYPASS ROAD TO LONGOWAL NEAR DUGGAN GATE.	the committee desired that
	a war a sakes we will a d	utilization of street light on the
	Recently thoroughfare of approx. 1KM length has been made along	newly constructed road be as
	the boundary wall entering from Duggan Gate to Kunran to reach Longowal village by-passing the Institute. So street lights (LED type)	ascertained before taking up
	are required along the newly constructed road for illumination as	this work. The chairmen B&WC
	same is required during night hours. A new LT	is authorised to take a final
	cables/panels/feeder pillars with switchgears/earthling system is	

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	required in the estimate. Hence, the preliminary approximate cost is Rs. 30 Lacs.  The committee is requested to consider and approve the same	decision on this work.
Item No. 8.9	LAYING OF CABLE FROM BH-4 TRANSFORMER TO HT ROOM NEAR SEWARAGE PUMP.  The existing cable 3.5x120 sqmm approx. length 300 mtr. has been laid upto HT room from outdoor to sub-station near BH-4. Also one joint is there in the way. The 3.5x50sqmm approx. length 200 mtr. LT cable has been laid from HT room to sewerage plant near Longowal gate which supplies the power to sewerage plant main LT panel. These cables laid down in the year of 1992-93. So, it is very old & all system which includes sewerage pump motors near Longowal gate dependent on this cable. It is mentioned as per CPWD General Specification for Electrical Works Part-1, Internal 2013, Table-12, Sr. No C (3), the expected useful life of underground cable is 20 years. Recently, a 20 HP Non Clog Mono block pump has been added in sewerage plant area. So a new cable in parallel with old of size 3.5x150 sqm will be laid upto HT room from BH-4 outdoor sub-station. A 3.5x120sqmm will be laid from HT room to sewerage plant on to avoid any untoward situation. The size of cable has been considered on the basis of existing connected load & future expansion. The approximate preliminary cost will be incurred Rs. 10 Lacs.  • Cost for supplying & laying of cable 3.5x120sqm  645300.00  • Cost for supplying & laying of cable 3.5x120sqm	The proposal was considered and approved.
	352400.00 The committee is requested to consider & approve the same	
Item No. 8.10	SITC OF OUTDOOR DOUBLE DOOR LT PANEL ALONG WITH LAYING OF CABLE.  Presently there is a outdoor feeder pillar containing bus bar installed near BH-6. The main LT cables have been charged from this feeder pillar for supplying Electrical power to BH-5&6. The main cable of BH-6 has two joints & same is laid down in the year of 1998 i.e. since the inception of this hostel. It is mentioned as per CPWD General Specification for Electrical Works Part-1, Internal 2013, Table-12, Sr. No C (3), the expected useful life of underground cable is 20 years. It can cause of trouble any time & the same will disturb the power supply to BH-6. So a new cable of size 3.5x95 sqmm approx. length 120 mtr. may be laid down. It is also proposed that one outdoor double door LT panel with switchgears may be installed near BH-6 as it will segregate the main power supply of the hostels 5 & 6.  Hence, in case there is fault in any hostel the other one will not disturb. The approximate cost is Rs. 3.5 Lacs.  The cost of cabling, laying & end termination: 172000.00  The cost of outdoor feeder pillar containing switchgears: 152000.00  The committee is requested to consider & approve the same	The proposal was considered and approved.



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Item	INSTALLATION OF DB'S & DISMANTLING OF OLD PANELS	The proposal was considered
No.	IN RESIDENTIAL AREA IN A PHASE MANNER.	and approved.
8.11	As DCDCI best to the little of	
	As PSPCL has installed its own Feeder pillar outside of each block in every type of Residential area. So, the old panels installed near the	
	stair case of every block has no use right now. Sometimes, snakes,	
	reptiles etc. are seen moving in these old panels. Same can be cause	
	of any mishappening to the residents. So, it is suggested to replace it	
	with DB's including DP's/TPN's & the old dismantled panels will	ALC: NO IS
	be taken in credit in the estimate. The approximate cost is Rs. 10 Lacs.	
	SITC of 4 way double door TPN boxes for 124 qtrs. &	
	dismantling of old material : 4 lacs	
	SITC of 2 way double door DP boxes for 381 qtrs. &	
	dismantling of old material : 6 lacs	
	The committee is requested to consider & approve the same	
Item	PROVISION OF 500 KVA DG SET AT ESS-II.	The proposal was not
No.	The new LT panel has been installed at DCC II which is having	considered for the time being
8.12	The new LT panel has been installed at ESS-II which is having provision of two 500KVA DG set as a main in comer. HT panels &	and deferred.
	500KVA transformer has already been installed through CPWD.	
	Presently there is one 500 KVA DG set which cannot cater the need	
	of demand during peak summer seasons during power	
	failure/power cut from PSPCL. The maximum load demand noted	
	at ESS-II during peak season as on date is 600KW. In this position, this wing forcefully has cut power supply of any department to	
	maintain the supplying power through DG set at its specified limit.	
	Accordingly, a new DG set 500 KVA is proposed to be installed at	
	ESS-II. It will enable to cater the need of essential load of all the	
	departments also the new two buildings i.e. extension of ECE & EIE	
	Block coming eminent. Also some civil work is required i.e. platform	
	& wire mesh around the periphery of this platform. The approximate cost is Rs. 50 Lacs.	
	The cost of DG set, installation etc.: 4200000.00	
	The cost of cabling, laying, end termination & earthing: 450000.00	LYCH BOX COST
	The cost of platform & wire mesh around of this platform: 350000.00	
	The committee is requested to consider & approve the same	
Item	ADDITION & ALTERNATION ELECTRICAL WORK	The proposal was considered
No.	REQUIRED IN VARIOUS BUILDINGS KEEPING IN VIEW ESSENTIAL & NON ESSENTIAL ELECTRICAL LOAD.	and approved.
8.13		
	The electrical infrastructure up-gradation, addition & alternation is	
	required to divide the load into two categories i.e. essential & non	
	essential. As since the inception of Institute this concept was not	
	taken into consideration. However, in the recently constructed new buildings like BH-9, BH-10 & extension of mechanical block has this	
	concept has been taken care of. This scheme is useful to cut the	
	power supply of non essential load during power failure/cut from	
	PSPCL & operation of DG set.	
	Hence, during operation of DG sets the power supply can be cater	
	the need of power to all buildings, users officials having essential	A
	load. This concept will be implemented in a phased manner block	Water State of the



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	wise. In 1st phase ME & Science Block may be taken. Accordingly, a fund of Rs.10 lacs may be taken in consideration.  The cost of cabling, wiring, end termination etc.: 650000.00  The cost of earthing, GI strip etc.: 125000.00  The cost of DB's, MCCB's, MCB's, TPN's etc.: 225000.00  The committee is requested to consider & approve the same	
Item No. 8.14	REPLACEMENT & ADDITION OF AIR CONDITIONERS IN THE GUEST HOUSE, TRANSIT ACCOMMODATION AND FACULTY CLUB.  Recently, the renovation work of Guest House has been undertaken by Civil Wing & Completed. During this renovation, the Electrical work has been carried out through the labour of ARM & wiring for the provision of Air Conditioners has been already made. A request has been received in this office from In-charge Guest House for Replacement & Addition of Air Conditioners in Guest House, Transit Accommodation & Faculty Club.  Presently, there is no facility available of AC rooms right now in Transit Accommodation & Faculty club. The ACs' available in some of the room of the Guest House is of window type which were installed in the year of 1994-95 & 2004-05. These ACs' are not energy efficient, electromechanical, makes noise during operation, very old & there outer body has been rusted. It is mentioned as per CPWD General Specification for Electrical Works Part-1, Internal 2013, Table-12, Sr. No (07), the expected useful life of window AC is 7 years. Also, there is no Air Conditioning available in the waiting lounge area. However, if any Qty, of dismantled ACs' found in good condition same will be installed in the rooms of Transit Accommodation after laying of its main LT cable. The lighting available in some of room of Guest House is of fluorescent type. It may be replaced with LED fixture for perfect Light, Energy efficient & compliments interiors. Hence, it is proposed to replace the old ACs', provision of LED lighting & addition of Air Conditioner in these premises. The approximate cost is Rs. 17 Lacs.  The cost of ACs', wiring, interconnection of indoor/outdoor unit including copper pipe, wiring, nitrle insulation & packing etc.: 195000.00  The cost of foundation, wire mesh cage, painting, installation & etc.: 195000.00	
Item No.	The committee is requested to consider & approve the same SUPPLYING & LAYING OF MAIN LT CABLE TO ME BLOCK.	The proposal was considered and approved.
8.15	Presently, the main LT cable supplying power to ME Block is of size 3.5C aluminum 120 sqmm is having two joints in the way. The same was laid down in the year 1996 i.e. inception of ME Block. It is also mention here that the route of this cable has been covered by the interlocking tiles. So, same cannot be dig out for repair purposes in future if fault occurs in this cable. It is mentioned as per CPWD General Specification for Electrical Works Part-1, Internal 2013, Table-12, Sr. No C (3), the expected useful life of underground cable is 20 years. Accordingly, it is proposed that a new LT cable of size	



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	depending upon the load & future expansion may be laid down.	
	This work will be carried out through open tender. The approximate	
	cost is Rs. 7 Lacs.	
	The cost of cabling, laying, wiring, end termination etc.: 676000.00	
	The cost of earthing, GI strip etc.: 24000.00	
	The committee is requested to consider & approve the same.  TO EQUATE THE FACILITIES OF ONE SEMINAR HALL FOR	The proposal was considered
tem	CONDUCTING MEETING, SEMINARS, STCS, GDS &	and approved.
No.	INTERVIEWS IN EACH BLOCK.	and approved.
3.16		
	Presently, there is facility available of modern seminar hall in ME,	
	Food & CSE Block to conduct meeting, Seminars, STCs, GDs &	
	Interviews. Although, seminar halls are available in ECE, T&P	
	Department but the facilities available in these hall is not at par with	
	the seminar halls available in	
	ME, Food & CSE Block. A request has been received in this office from HOD (ECE) & Prof. In-Charge (T&P) department to provide	Maria Carlos Car
	the facilities in these Seminar Halls at par with Seminar Halls	
	available	
	in other departments. So, it is proposed to make the provision of Air	
	Conditioning & replacement of fluorescent lighting with LED fixture	
	for perfect Office Light, Energy efficient & compliments interiors.	
	Presently, the false ceiling is available in the seminar hall of T&P	
	department but same is not available in the seminar hall of ECE	
	Block, This work can be taken immediately in T&P Seminar Hall	
	having capacity of 100 plus peoples. Also, a 1.5 T window AC may	
	be installed in the office area built in the hall area itself. However in	
	seminar hall of ECE Block this work can be taken after provision of false ceiling (through Civil Wing Estate) as per recommendation of	
	estimation committee of Electrical Works. The approximate cost is	
	Rs. 12 Lacs.	
	The cost of ACs', wiring, interconnection of indoor/outdoor unit	
	including copper pipe, wiring, nitrle insulation & packing etc. :	
	1089000.00	
	The cost of foundation, wire mesh cage, painting, installation & etc. :	
	50000.00	
	The cost of LED lightings: 70000.00	The second second second
	The cost of false ceiling shall be 2.00 Lacs The committee is requested to consider & approve the same	
	The committee is requested to consider & approve the same	ARTES AND THE ART
Item.	REPLACEMENT OF 25HP SELF PRIMING NON CLOG PUMP	The proposal was considered
No.	SETS INSTALLED IN SEWERAGE WELL AT SLIET	and approved.
	LONGOWAL.	and approved.
8.17		and the second
	There are 02 nos. of 25HP Sewerage Pump Set installed at Sewerage	The second secon
	plant. As these pump are very old/rusty in condition & beyond	Mary Mary Mary Control of the Contro
	economical repair. The same were installed, when the Sewerage	
	Plant was constructed around 20-25 years ago. It needs immediately	
	replacement as same pumps are used to suck the waste water of all	
	the residential campus as well as academic/administration area	The same of the sa
	buildings, otherwise this waste water can spill over in the Type-V residential area. It is pertinent to mention here that the life span of	
	residential area, it is pertinent to menuon here that the me span of	

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	Sewerage pumps as per GOI, CPWD, General Specifications for Electrical Works, Part-I, Internal, 2013 is 5 years. Old pump sets has been taken as credit of dismantled material (Buy Back) as per GFR (2017) Rule No. 176. The approximate cost is Rs. 3.60 Lacs.  The cost of Self priming Non clog 25HP Pump Set, star delta starter & CI sluice valves: 332000.00  ITC of Self priming Non clog 25HP Pump Set: 12000.00  Cost of earthling, cabling, laying, G.I. strip: 13000.00.00  The committee is requested to consider & approve the same	
Item No. 8.18	Presently, Institute takes up all maintenance works by itself through contractors of any value by itself. Institute had awarded the	The committee considered the proposal and desired that the works may be executed as per rule no. 133 of GFR-2017 as per comments of IFD and comments received from MHRD through letter No.F.No.10-29/2017-TS.VII dated 06.12.2017. SLIET may execute renovation and maintenance work upto Rs.1.00 crore and assignment of any work beyond this amount may carried out through CPWD to the extent possible.
Item No. 8.19	RATIFICATION OF THE DECISION OF CHAIRMAN B&WC.  The detail of works sanction by Director & Chairmen B&WC are enclosed at Annexure-'VIII'. The committee is requested to ratify the decision of the Chairman B&WC	
Item No. 8.20	STATUS OF ON-GOING WORKS.  The detail attached at Annexure-'IX' for the information & consideration of the committee	The committee noted the status
Item No. 8.21	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	



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	of work include provision of vitrified tiles, PVC shutter in bathroom doors, replacement of water supply pipes & fixtures, oil bound distemper, Aluminium cupboard in kitchen, raising of plinth protection, converting two room for PWD persons, ramp at the entrance for PWD persons, replacement of roof with fibber glass, honey comb brick work to replace with aluminium glass & mesh window etc The tentative cost of work is Rs. 28.84 Lacs.  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 & 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 & ground floor by creating seating space with few modification in the building. The tentative cost of the work is Rs. 4.00 Lacs.	b) The proposal was considered and approved.
RT.	<ul> <li>c) Provision of water supply for firefighting system for Auditorium building.</li> <li>The water tank constructed for fire fighting 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.</li> <li>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</li> </ul>	c) The proposal was considered and approved.
	Lacs. d) Provision of Central parking for student vehicles.	d) The committee agreed to the proposal in principle but desired that utilization and location be assessed before its implementation.  Chairman, B&WC is authorized take a final decision on this matter.
	e) Provision of sub-station along-with extension of ECE/EIE Block f) Renovation of faculty club g) Renovation of Community Centre h) Proposal for procurement of equipment for ARM of horticulture works	e) Approved f) Approved g) Approved h) Approved

The committee desired that revised Master Plan of the Institute be prepared & finalized keeping in view the buildings / infrastructure to be planned in the next ten years.

- Sh. D.K. Singh, Under Secretary (IFD) vide letter no. F. No. 2-5/2013-IFD dated 11th December-2017 has submitted item wise comments of the IFD, MHRD in the matter (copy enclosed for ready reference). The same were considered and incorporated in the minutes of meeting.
- Sh. Madhu Ranjan Kumar, Joint Secretary, MHRD vide F.No. 10-29/2017-TS III dated 6th December-2017
  has submitted item wise comments (copy enclosed for ready reference). The same were considered and
  incorporated suitably in the minutes of meeting.

The meeting ended with a vote of thanks to the chair.

(Dr. Shailendra Jain) Director, SLIET & Chairman Building & Works Committee

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F.No.10-34/2016-TS.VI
Government of India
Ministry of Human Resource Development
Department of Higher Education

Shastri Bhawan, New Delhi Dated: 23<sup>nt</sup> September, 2016

To.

Dr. Sanjeev Bansal Registrar In-charge, Sant Longowal Institute of Engineering & Technology (SLHiT), Longowal, Sangrur, Punjab – 148 106

Subject: Approved minutes of 7th Building & Works Committee (B&WC) meeting held on 14.07.2016-regarding.

Sir.

f am directed to refer to the above cited subject and to say that the meeting of the Building & Works Committee (B&WC) held on 14.07.2016 was attended by DEA (T) and he suggested the various steps for consideration with regard to renovation work, new construction and preparation of templates etc.

 You are requested that the suggestions made by DEA (T) during the meeting should be recorded in the minutes of meeting for future reference.

Yours faithfully,

(Gaj Mohan Meena) Section Officer (TS,VII) Tel: 011-23070928

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MADHU RANJAN KUMAR (Joint Secretary)

06/12/2017 12:46 PM

#### F.No.10-29/2017-TS.VII

Government of India
Ministry of Human Resource Development
Department of Higher Education

Subject: 8th B&WC meeting of SLIET, Longowal to be held on 08.12.2017 (Friday) at 12:00 Noon onwards in the Committee Room of Administrative Block, SLIET Longowal – regarding.

PUC is the copy of Agenda for 8<sup>th</sup> meeting of Building & Works Committee (B&WC) meeting of SLIET, Longowal being held on 08<sup>th</sup> December, 2017 (Friday) at 12:00 Noon onwards in the Committee Room of Administrative Block of SLIET, Longowal(p.2-61/cor.).

 The detailed agenda items of 8<sup>th</sup> BWC meeting and the comments proposed thereof are as under:

Item No. 8.1: To confirm the minutes of the  $7^{th}$  meeting of the Building & Works Committee held on 14.07.2016.

7th meeting of the B&WC was held on 14.07.2016 was attended by the representative of MHRD. During the meeting be made certain suggestions regarding the renovation of work, new construction and preparation of templates etc (p.68-69/cor.). A letter dated 23.09.2016 was sent to SLIET with a request to record the suggestions in the minutes for future reference (p.70/cor.). May be confirmed.

Item No. 8.2: To receive a report on the action taken on the decisions of the  $7^{th}$ meeting of the Building & Work Committee.

Under the point H(b)-6<sup>th</sup> meeting (Construction of Building for Housing Departments of Civil Engineering, Management, PWD and Training & Placement at SLIET, Longowal) (p.6/cor.), no estimate cost for the Construction of Civil Engineering block has been findicated whereas for EDP, T&P & other findity building it has been mentioned that Ist installment of deposit of Rs. 300.00 lacs has been released. The Institute has not again indicated the total estimate cost for this work. We may just that while indicating such status the estimated cost and the expenditure already made/proposed to be made may be indicated separately in future.

Point III(b)-2th meeting (Construction of caleteria) (p.7/cor.)

No detail about the Project Estimate amount for construction of Cafeteria

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has been indicated. Institute may be requested to indicate the same.

Point III(c)-7th meeting (Renovation and widening of road between Duggan to Longowal Gate)
(p. 7/cor.)

As only 5 months have left in the F/Y 2017-18 and the Institute has not taken.

Renovation & Widening of road work till date, they may be requested to expedite the same.

Point III(d)-7th meeting (Providing inter locking paver block in the Parking of Admn Building with provision of rain water harvesting)(p.7/cor.)

As only 5 months have left in the F/Y 2017-18 and the Institute has not taken the work till date, they may be requested to expedite the same.

Point III(g)-7th meeting (Repovation & Modification of existing Stadium)(p. 7/cor.)

As only 5 months have left in the F/Y 2017-18 and the Institute has not taken the work till date, they may be requested to expedite the same.

Point III(h)-7th meeting (Renovation of quarters-external (2nd Phase))(p.7/cor.)

The Institute has not indicated the status of renovation of quarter's work and may be requested to do the same.

Point III(j)-7th meeting (Provision of Storage tank(underground) for regulating water supply) (p.8/cor.)

As only 5 months have left in the F/Y 2017-18 and the Institute has not taken the work till date, they may be requested to expedite the same.

Point III(k)-7th meeting (Provision of sewerage treatment Plant as per the direction of PPCB) (p.3/cor.)

SLIET has mentioned that a detail report will be submitted by an Expert by the end of Sept., 2017 & work is likely to be taken up in F/Y 2017-18. However, no report has been provided by the Institute with the agenda. As very few months are left in the current F/Y and the Institute may be requested to expedite the same.

Point HI(I)-7th meeting (Construction of road upto LPG Go-down)(p.8/cor.)

As only 5 months are left in the F/Y 2017-18 and the Institute has not taken the construction work till date, they may be requested to expedite the same.

Item No. 8.3: Renovation and modification of Labs of various Departments(p.9/cor.).

SLIET may be advised that renovation and modification of labs may be taken up based on the allocation of funds available with them during 2017-18 for this purpose under relevant Object Head(OH).

Item No. 8.4: Renovation of Student Rooms of Hostels(p.9/cor.).

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As indicated in Item No.8.3.

Item No. 8.5: Construction of 06 No. Class Room in Science Black (p.9/cor.).

May be noted.

Item No. 8.6: Provision of Wire Gauge Windows in Academic Buildings (p.10/cor.).

The wire gauge windows in Academic Buildings may be approved.

Item No. 8.7: Provision of one Centralized RO System in Each Hostel (p.10/cor.).

SLIET has mentioned that the preliminary estimate cost is Rs.10.00 Lac for this year, however, the total cost for this scheme is Rs. 1.5 crore to implement it in whole hostels, KV School & Institute buildings. May be approved.

Item No. 8.8: SITC of LED Street Light on newly Constructed Bypass road to Longowal Near Duggan Gate (p.10/cor.)

The total estimate cost for introducing Street Lights (LED type) alongwith cables/panels/feeder pillars with switch gears/ earthling system is Rs. 30.00 Lacs. May be approved.

Item No. 8.9: Laying of Cable from BH-4 Transformer to HT Room near Sewerage pump (p.10/cor.).

The cost of supplying and laying of cables is approximately Rs. 10.00 Lacs. May be approved.

Item No. 8.10: SFTC of outdoor Double Door LT Panel along with Laying of cable(p.11/cor.).

The total estimated cost for panel alongwith laying of cables is Rs. 3.5 Lacs. May be approved.

Item No. 8.11: Installation of DB's & Dismantling of old panels in residential area in a phase manner (p.11/cor.).

The total approximate cost for installation of Distribution Board's and dismantling of old panels is Rs. 10.00 Lacs. May be approved.

Item No. 8.12: Provision of 500 KVA DG set at ESS-II (p.11/cor.)

The total cost for the installation of new Diesel Generator (DG) set to cater the need of essential load of all the departments is Rs. 50.00 lacs. May be approved.

Item No. 8.13: Addition and alternation electrical work required in various Buildings keeping in view essential and non-essential electrical load (p.12/cor.).

The total cost for the electrical infrastructure up-gradation, addition & alteration is Rs. 10.00 lacs. May be approved,

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Item No. 8.14: Replacement & addition of Air Conditioners in the Guest House, Transit Accommodation and Faculty Club (p.12/cor.).

The total cost for replacement & addition of Air Conditioners in the Guest House, Transit Accommodation and Faculty Club is Rs. 17.00 lacs. May be approved.

Item No. 8.15: Supplying and laying of main LT cable to ME Block (p.12/cor.).

The total cost for the supplying and laying of main LT cable to ME Block is Rs. 7.00 lies. May be approved.

Item No. 8.16: To equate the Facilities of one seminar Hall for conducting meetings, seminars, STCS, GDS & interviews in each Block (p.13/cor.).

The total cost for providing facilities like provision of Air Conditioners, replacement of fluorescent lighting with LED fixture in Seminar Halls of ECE, T&P department is Rs. 12.00 lacs. May be approved.

Item No. 8.17: Replacement of 25HP self priming non-clog pump sets installed in sewerage well at SLIET Longowal (p.13/cor.).

The total cost for Replacement of 25HP self priming non-clog pump sets installed in sewerage well at SLIET Longowal is Rs. 3.60 lacs. May be approved.

Item No. 8.18: Execution of works at SLIET, Longowal (p.13-14/cor.).

The statement of the Institute at SLNo.2 & 3 are contrary. We may advice SLIET to execute renovation and maintenance work upto Rs.1.00 crore and assignment of any work beyond this amount may carried out through CPWD to the extent possible.

Item No. 8.19: Ratification of the decision of Chairman B&WC (p.14/cor.).

May be noted.

Item No. 8.20: Status of on-going works (p.14/cor.).

May be noted.

 No exact nomination is available for the meeting of Building & Works Committee (B&WC) from MHRD. File is submitted for kind consideration of JS(NITs & DL) to nominate Section Officer - TS.VII for attending the meeting of B&WC which is to be held on 08.12.2017(Friday) at 12:00 Noon onwards in the Committee Room of Administrative Block of SLIET, Longowal.

Submitted please.

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Immediate Fax = 01672 - 280082, 280057

F. No.2-5/2013-IFD
Government of India
Ministry of Human Resource Development
Department of Higher Education

Shasiri Bhawan, New Delhi-110001 Dated: 7th December, 2017

To

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

Sub:- Comments on the Agenda Items of the Building and Works Committee (BWC), Meeting of SLIET, Longowsi, scheduled to be held on 08.12.2017-reg.

Sir

I am directed to refer to your letter No.SLIET/EST/2017/2711-18 dated 23<sup>rd</sup> November, 2017 on the subject cited above and to say that Item-wise comments of the integrated Finance Division, Ministry of Human Resource Development in the matter are as under.

Building and Works Committee

lism No.8.1(p.3 of the Agenda)

Comments: Minutes of the 7th meeting of the BWC may be confirmed.

Item No.8.2(p.3-5 of the Agende)

Comments: ATR on 7 meeting of the BWC may be noted.

Item No.8.3 - 8.17(p.6-10 of the Agenda)

Comments: Works mentioned at Item No.8.3 to 8.17 have been proposed to be taken up subject to additional allocation of fund during the financial year 2017-18 otherwise the same is proposed to be taken up in the next financial year i.e. 2018-19. It has also been proposed that priority of works will be decided in consultation with Chairman, BWC, to be railfied in the next meeting of the BWC.

We may have no objection to the proposal.

Contd....2

- R. - Dogu ( F/2 N)

FL(C)

7.12.17

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#### tem No.8, 18(p. 10-11 of the Agenda)

Comments: The proposal is that maintenence/renovation/upgradition works upto Rs.1 crore may be handled by the institute itself and elso original work upto Rs.1 crore(even more than Rs.1 crore if the situation demands after obtaining the approval of the 'Chairman, BWC). Also, the proposal is to allot original works above Rs.1 crore to CPWD.

It may be decided as per the Rule No.133 of GFR 2017.

#### Item No.8.19(p.11 of the Agenda)

Comments: The works sanctioned (p.57 of the Agenda) with the approval of the Chairman, BWC may be ratified.

#### Item No.8.20(p.11 of the Agenda)

Comments: The details furnished at Annexure+IX(p.58 of the Agenda) is of completed works. However, status/details of the ongoing works have not been furnished.

 The above comments may be kept in view white deciding on the matters and these comments may also be suitably incorporated in the minutes of the meetings.

The second secon

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

Yours falthfully,
(D. K. Sifigh)
Under Secretary (IFD)
Ph. No. 011-23388608

Copy to: DS(TS-VII)