

**PROCEEDINGS OF THE 15th MEETING
OF THE
BUILDING AND WORKS COMMITTEE**

HELD ON

MONDAY, 7th OCTOBER 2013



**INDIAN INSTITUTE OF INFORMATION TECHNOLOGY
DESIGN AND MANUFACTURING (IIITD&M)
KANCHEEPURAM**



INDIAN INSTITUTE OF INFORMATION TECHNOLOGY
DESIGN AND MANUFACTURING (IIITD&M), KANCHEEPURAM

Proceedings of the 15th meeting of the Building and Works Committee held at 11.30 AM on Monday 7th October 2013 in the Conference Hall of Bose-Einstein Guest House, IIT Campus, Chennai-36.

Members Present

Prof. R. Gnanamoorthy	Chairman
Prof. S. Narayanan	Member
Mr. R. Arumugam	Member
Shri. B.S.Reddy	Member
Mr. A. Manickavasagam	Member & Secretary

Leave of absence was granted to, Director (Technical), Dept. of Higher Education, MHRD Member.

Shri.P.Ramaraju Project Manager, CPWD and Shri Gunasekaran E.E (Elect.) CPWD attend the meeting as Invitees.

The Chairman welcomed the members to the meeting.

ITEM NO.1	Ratification of proceedings of the 14th meeting of BWC meeting
Resolution No. 4/2013	<p>The committee has been informed that the proceeding of the meeting has been circulated to all the members vide this office letter No.IIITDM/408/Civ Eng/1082 dated 15.3.2013. No comments have been received till date from the members.</p> <p>The BWC resolved to confirm the minutes of the 14th meeting.</p>

Item No.2	Administrative approval and expenditure sanction for construction of peripheral and inner roads and storm water drains etc. over the already formed earthen roads.
Resolution No. 5/2013	<p>The committee has been informed that the various infrastructural requirements for the Institute has been identified for the proposed intake as per DPAR of this Institute vis-a-vis the requirements to fulfill the normal intake for the UG, PG and Research Courses by way of thorough discussion with faculty and academicians with reference to the curriculum for presently functioning departments. Accordingly the inputs have been forwarded to the Architectural Consultants to prepare the drawings for the facilities like external roads, internal roads, and storm water drains, etc.</p> <p>Accordingly the Architectural Consultants have developed conceptual plans. The same has been reviewed by the institute. The various suggestion received have been analyzed and the Consultants have modified the conceptual drawings for better utilization. Based on the inputs the final master plan including services has been prepared and approved.</p> <p>As per the master plan, the service for road network concept has been that all vehicular Traffic will be restricted to the road parallel to compound wall in a loop. All other internal roads will be for pedestrian and two wheeler movements.</p> <p>Hence the architectural consultant has proposed the bituminous road on the peripheral road and pavements in all the internal roads.</p> <p>The specification adopted for the bituminous road will be with a granular sub base, wet mix macadam, two coat bituminous macadam and final wearing layers of bituminous concrete of 25mm thick.</p> <p>During execution the top wearing layers of the road will not be executed at present and the remaining portion will be executed and allowed for traffic. The top most final layer including marking will be done once all the construction activities of the campus are completed. For the internal roads only pavements has been provided. The specifications adopted are grass paver block. Paver block and cement concrete pavement. The specification has been finalized taking into account the requirement of GRIHA norms also.</p> <p>The necessary provision has been made for kerb stones, cross drainage works, cables crossing and road sign etc.</p> <p>For the above provision based on the GFC issued by the architectural consultant the CPWD has been requested to forward a preliminary estimate.</p>

	<p>The CPWD has forwarded a preliminary estimate for Rs.8,19,58,000/- (Rupees eight crores nineteen lakhs and fifty eight thousand only) including 3% contingencies. The preliminary estimate placed as Annexure-1.</p> <p>The estimate has been framed by CPWD based on CPWD Schedule of rates 2012 duly enhance by cost index approved.</p> <p>The Building and Works committee deliberated the above provisions and the estimate and resolved to accord Administrative Approval and Expenditure Sanction for Rs.8,19,58,000/- (Rupees eight crores nineteen lakhs and fifty eight thousand only) including 3% contingencies for taking up this work .</p>
<p>Item No 3</p>	<p>Administrative approval and expenditure sanction for Development works around Administrative Block and Senate Hall like parking at Gate A & B, Rain water harvesting pond, entering plaza drive way, roundabout, Planting of Trees, Shrubs and Grassing at Administration Block & Electrical Installation.</p>
<p>Resolution No. 6/2013</p>	<p>The Building and Works committee has been informed that a master plan has been prepared and approved for the Institute including services. In the master plan the landscaping provision including parking lots, pavements, internal road, Horticulture, Avenue Trees, etc., has been made in and around the buildings and also in open areas other than play fields.</p> <p>Even through the master plan has been prepared for the above provision for the entire area, the same cannot to be taken up until the buildings and the service like, water supply, drainage, electrical, data network are laid in position. So it has been proposed to take up this work in parts. Accordingly the area in front of administration block, lecture hall, Gate-A, Gate-B, the landscaping and other provision could be taken up. Accordingly for the various provisions like parking, rain water harvesting pond and traffic. Island near Gate A, landscaped approach to Admin block, Horticulture and other provisions a detailed drawings have been prepared by the Architectural consultants. Based on these drawings and specifications mentioned therein CPWD has been requested for the Estimate.</p> <p>Accordingly CPWD has forwarded a preliminary estimate for above works. The estimate is based upon the CPWD schedule of rates DSR 2012 duly enhanced by the latest cost index applicable to this project with due addition of statutory taxes including 3% contingencies. The total amount of the estimate works out to Rs. 3,46,38,000/- The estimate is attached (Annxure-2)</p>

	<p>The Building and Works committee deliberated the above provisions & estimate and resolved to accord Administrative Approval and Expenditure Sanction for Rs.3,46,38,000/- /-(Rupees Three crore Forty Six lakhs Thirty Eight thousand only) including 3% contingencies for taking up this work.</p>
Item No.4	<p>Administrative approval and expenditure sanction for construction of Bio-Digester</p>
Resolution No. 7/2013	<p>The committee has been informed that as per the master plan a centralized dining hall has been proposed based on the input given by the Institute, gathered from the experience of the similar Institute.</p> <p>The consultant has proposed a biodigester to dispose of organic waste and food leftovers generated in the centralized dining hall and cafeteria for the waste management.</p> <p>It is estimated that with estimated student strength of 1,500 dining inside the campus, an estimated 500kg of solid waste is generated every day. At present the waste is disposed off as land fill.</p> <p>In view of the above, it is proposed to provide a bio-digester which will provide three fold effect like an effective organic waste disposal, a clean alternative energy source and production of manure.</p> <p>Accordingly KPC, CPWD, Melakottaiyur, Chennai -127 was approached to submit preliminary estimate for the said work as deposit work. The preliminary estimate and conceptual plan are placed as Annexure- 3</p> <p>It is further informed that the PE submitted by CPWD includes the following:-</p> <p>The proposed bio-digester with 0.50 tons capacity will cater for biodegradable waste generated from Dinning Block, Cafeteria and Canteen Kitchens serving four thousand meals a day in campus.</p> <p>The proposed plant is fully automated and having provision for adding further units when the demand increases.</p> <p>This bio-digester works as per the principle adopted in the BARC for their plant with the following parameters:-</p> <ul style="list-style-type: none"> (a) Quantity of organic waste - 500kg/day (b) Maximum area required -150 Sq. m (c) Water required - 500 ltr / day (d) Electric Power required - 15 kwh/day (e) Bio gas generated - 15~17 kg /day (f) Organic manure - 25-35kg /day

	<p>The brief highlights of work is as follows:-</p> <ul style="list-style-type: none"> (a) Cost - Rs40,27,000/- (b) Method - By contractor after call of tender in 3 bid system (c) Land - Available <p>The projected cost includes operation and maintenance of the plant for the initial one year including upkeep maintenance with replacement of spares and cost of consumables for effective functioning of the plant. Further the estimate also includes a battery operated transport vehicle for carrying the waster from different sources like mess; cafeteria etc. to the plant with fuel requirement for one year has also been added in the estimate.</p> <p>As per the body of the Estimate the estimate has been framed based on market rates. Administrative sanction will be pre requisite for demand of grant from the budget of the ministry.</p> <p>The Building and Works committee deliberated the above provisions & estimate and resolved to accord Administrative Approval and Expenditure Sanction for Rs.40,27,000/- (Rupees forty lakhs twenty seven thousand only) for taking up this work .</p>
<p>Item No.5</p>	<p>Administrative approval and expenditure sanction for widening of existing approach carpet road from Nellikuppam road to Gate 'A'</p>
<p>Resolution No. 8/2013</p>	<p>The committee has been informed that as per Government of Tamilnadu the G.O. Ms. No.418 Revenue (Ni.Mu.7) Dept dated 06 Sep 2010, a total of 51.75 acres of land was allotted to the Institute. Accordingly an approach road from Nellikuppam Road to Institute Main Gate 'A' was also allotted vide ibid TN Govt. GO. After accepting Land Delivery from state revenue officials Institute compound wall was constructed.</p> <p>However, the approach road could not be taken up immediately due to local people resistance and objections. Further the issue was discussed in a peace meeting with RDO, Chengalput and an approach road was laid in order to establish our right.</p> <p>On further leveling of nearby area and arriving of a clear area for formation of approach, it is now proposed to take up work of final formation of road without final layer bitumen surface. This work will further assist in taking up of development of surrounding horticulture and landscaping works. However, the proposed scope of work doesn't include any horticulture work as of date.</p> <p>To this purpose, the CPWD was approached to submit a Preliminary Estimate for the Deposit Work. The same as submitted by KPC CPWD for Rs.7,37,857/- As annexure-4</p>

	<p>The estimate has been framed based on DSR 2012 enhanced by approved cost index.</p> <p>The Building and Works committee deliberated the above provisions & estimate and resolved to accord of Administrative Approval and Expenditure Sanction for Rs.7,37,857/- (Rupees seven lakhs thirty seven thousand eight hundred fifty seven only) including 3% contingencies for taking up this work.</p>
Item No.6	Administrative approval and expenditure sanction for Sub-stations 2, 3 and 4.
Resolution No. 9/2013	<p>The committee has been informed that as per the approved master plan the electrical services also have been planned and incorporated in the master plan. The consultant has proposed 4 nos sub stations to cater the power requirements of the buildings and other services as per the master plan.</p> <p>For proper distribution of the power throughout the campus, it was proposed for four numbers of substations in different locations inside the campus. Out of these one will be the main receiving substation where incoming power from local Electricity Board is tapped off. Subsequently the other three will be linked with this substation through a RING MAIN SYSTEM using HT cables.</p> <p>The power distribution system for each substation as proposed by the consultant is given below:-</p> <ol style="list-style-type: none"> 1. Substation-1: <ol style="list-style-type: none"> a. Administrative and Senate Hall building b. Lecture Block c. Auditorium(Future) d. External street light panel 2. Substation-2: <ol style="list-style-type: none"> a. Laboratory block b. Indoor sports complex c. External street light panel 3. Substation-3: <ol style="list-style-type: none"> a. Boys Hostel-1 b. Boys Hostel-2 c. Faculty Housing d. Staff Housing e. External street light panel 4. Substation-4: <ol style="list-style-type: none"> a. Girls Hostel b. Dining block c. Transit Housing and Guest House block d. External Street light panel

In these the substation-1 was already constructed and transformers, LT panels were installed. Accordingly CPWD has been requested to give estimates for accord of Administrative approval and expenditure sanction for Substation-2,3 & 4. CPWD had gone through the distribution system forwarded by the consultant and made a change in the substation 3 and 4 i.e. the faculty housing block distribution has changed to substation -4 instead of from substation-3. The load distribution details of each substation submitted by consultant and CPWed are attached herewith.

Accordingly CPWD has forwarded a preliminary estimate for Transformers with 11KV VCB panels, LT panels and necessary cables for supplying, installing, testing and commissioning.

For the above mentioned work CPWD has been requested to provide a preliminary estimate accordingly they have forwarded a preliminary estimate for Rs.4,60,09,653/- /-(Rupees four crore sixty lakhs nine thousand six hundred fifty three only) including 3% contingencies.

The preliminary estimate placed as **Annexure-5**

The estimate is based upon the CPWD NSR and Market rates duly enhanced by the latest cost index applicable to this project with due addition of statutory taxes including 3% contingencies. The items listed in the estimate are found to be matching with our requirement and estimate.

The estimate includes the following:

- i. Transformer
 - a. 2nos. x 1600KVA Dry type Transformer for substation-2
 - b. 2nos. x 500KVA Oil type Transformer for substation-3
 - c. 2nos. x 500KVA Oil type Transformer for substation-4
- ii. 11KV VCB Panel
- iii. Main Panel and LT panel boards
- iv. Substation interconnection with HT cable/LT bus ducting and earthing
- v. Supply and Laying of HT cables

The cost of abstract for the estimate is given below:

1. Substation no.2	=	` 1,82,33,822/-
2. Substation no.3	=	` 1,52,66,023/-
3. Substation no.4	=	` 1,25,09,808/-

Total cost = ` 4,60,09,653/-

The Building and Works committee deliberated the above provisions & estimate and resolved to accord of Administrative Approval and

	Expenditure Sanction for Rs.4,60,09,653/- /-(Rupees four crore sixty lakhs nine thousand six hundred fifty three only) including 3% contingencies for taking up this work .																														
Item No 7	To report on the issue of Revised order for PEMS structures.																														
Resolution No. 10/2013	<p>It is reported to Buildings and Works committee for favour of their information that as per the proposal submitted by the institute for the reason and circumstance s explained in the proposal, on the recommendation of BWC, the BOG has accorded Administrative Approval and Expenditure Sanction for the (PEMS) structure as below vide. Resolution No.7/2010 in 7th meeting of BWC dated 18.12.10.</p> <table border="1"> <thead> <tr> <th>S.No.</th> <th>Description</th> <th>Area</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>PEMS Hostel Building including dining kitchen</td> <td>3000 (sqmt)</td> </tr> <tr> <td>2.</td> <td>PEMS Academic Building</td> <td>6000 (sqmt)</td> </tr> </tbody> </table> <p>For above two works the BWC has approved the estimate for an amount of Rs.14,92,77,000 works out lay including 5% contingency, thus for a total amount of Rs.16,27,11,930 including statutory taxes.</p> <p>Out of the above sanction depending upon our immediate requirement we have communicated administrative approval and expenditure sanction to take up as deposit work with CPWD as below</p> <table border="1"> <thead> <tr> <th>S.No.</th> <th>Description</th> <th>Plinth Area</th> <th>AA & ES (Amount)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>PEMS Hostel</td> <td>2484 (sqmt)</td> <td>4,85,84,000</td> </tr> <tr> <td>2.</td> <td>PEMS Academic</td> <td>3000 (sqmt)</td> <td>5,47,04,000</td> </tr> </tbody> </table> <p>As per the AA & ES the work has been physically completed and handed over by CPWD. During the execution by reviewing the immediate functional requirement certain changes and modification, addition had been requested to above building. Accordingly the work has been completed with following built up area.</p> <table border="1"> <thead> <tr> <th>S.No.</th> <th>Description</th> <th>Built up Area</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>PEMS Hostel</td> <td>2766 (sqmt)</td> </tr> <tr> <td>2.</td> <td>PEMS Academic</td> <td>3514 (sqmt)</td> </tr> </tbody> </table> <p>While according AA & ES for the above work the estimate has been prepared with 5% contingency in-advertently in lieu of admissible 3% contingency.</p>	S.No.	Description	Area	1.	PEMS Hostel Building including dining kitchen	3000 (sqmt)	2.	PEMS Academic Building	6000 (sqmt)	S.No.	Description	Plinth Area	AA & ES (Amount)	1.	PEMS Hostel	2484 (sqmt)	4,85,84,000	2.	PEMS Academic	3000 (sqmt)	5,47,04,000	S.No.	Description	Built up Area	1.	PEMS Hostel	2766 (sqmt)	2.	PEMS Academic	3514 (sqmt)
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It is proposed to issue revised administrative approval on account of change in the built up area and change in the contingency provision.

Accordingly a revised preliminary estimate has been prepared and placed below and the revised amount is as below (**Annexure 6**)

S.No.	Description	Build up Area	Amount
1.	PEMS Hostel	2766 (sqmt)	Rs.4,88,60,000
2.	PEMS Academic	3514 (sqmt)	Rs.6,21,54,000
	TOTAL	6280 (sqmt)	Rs.11,10,14,000

It could be seen that even after revision the total built up area of both the works is 6280 Square meter as against the approved build up area of 9000 Square meter by BOG. Further it could be seen as per the revised AA & ES total amount works out to Rs.11,10,14,000 as against the approved amount of Rs.16,27,11,930 by BOG.

The above revision has been issued to take care of the excess built up area already built and handed over.

The above facts are placed before the committee for favour of their information and the action taken by the Director may be rectified.

The revised AAE&S copy is attached as **Annexure – 6**.

The Buildings and works committee resolved to take note of the above report on record.

Item No.8

To Discuss and advise on the Water Supply Arrangement for the campus through local authorities.

Resolution No. 11/2013

The committee has been briefed that as per the master plan the consultant had made the provision of water supply system including its grid for distribution and treatment systems.

However the source for raw water could not be identified and the consultant have informed by the Institute to express the possibility of obtaining the water connection from the local bodies.

A water balance report as proposed by the environmental consultant is enclosed as **Annexure-7**. For phase I alone it could be seen the raw water requirement will to the tune of 1.5 MLD. For this water requirement we have made enquiries with the local authorities and they have informed that the local panchayat does not have resource to accept our requirement. They have requested us to take up an exclusive water supply scheme through TWAD board. (vide letter dated 06.06.12 of

	<p>Melakkottaiyur Panchayat) (Annexure-8).</p> <p>Accordingly the Managing Director TWAD board has been approached through this office letter IIITDM/5/16/2012/574 dated 12.09.12 (Annexure-9) in response to this request TWAD board has deputed their officials to inspect our Institute and explore the possibility of providing a separate water supply system. Accordingly that TWAD board officials has informed this office that to provide a separate system for supply of 1.5 MLD water, the board needs to take sanction and approval from Government of Tamil Nadu. In order to work out to same, TWAD required to conduct a investigation and survey based on which a detailed project report needs to be prepared. In order to conduct the same the board requested us to remit Rs.5 lakhs as upfront deposit towards investigation charges.</p> <p>Since the detail investigation preparation of the project report and then obtaining approval from government of Tamil Nadu etc, may consume a considerable time as a stop gap arrangement TWAD board as suggested to provide a localized scheme to supply 0.5 MLD from Melakkottaiyur lake located at 1 km from the Institute and by providing 4 nos of open wells in and around the lake.</p> <p>At present the institute is drawing water through the bore well located inside the campus. But this type of source is not reliable and the total quantum cannot be obtained. Hence we need to have a separate water supply scheme from the TWAD board or CMDA.</p> <p>The Building and Works committee deliberated the above factors and accord approval to pay up front charges of Rs.5 Lakhs to TWAD board to prepare detailed project report conducting necessary investigation and survey.</p>
<p>Item No.9</p>	<p>To Intimate the Construction of Indoor Sports Complex in Two phases.</p>
<p>Resolution No. 12/2013</p>	<p>It is reported to the Building and Works committee that the committee in its 13th meeting held on 17th December 2012 under resolution no.34/2012 has accorded approval for taking up the work of indoor sports complex for an amount of Rs. 15,54,03,000/- including 3% contingencies. This work consists of a multipurpose hall to accommodate basket ball & badminton Court and an adjoining two storey structure to house squash court, table tennis, gymnasium, table tennis, office & stores. Adjacent to the common hall a swimming pool and its associate structures such as plant room, change room, balancing tank etc. Even though as per the approval, the administrative approval and expenditure sanction has been communicated to CPWD to take it up as deposit work due to the following reasons we have requested the CPWD to take up the swimming pool work as phase-2 of the construction</p>

and to take up the remaining portion of the work as phase-1 immediately. It is proposed to start Phase-2 work after ascertaining the fund flow for the capital works.

- a. The fund allotment is not being made as per requirement
- b. The necessary staff such as coaches and life guard etc., are to be in place before commissioning of the pool.
- c. The running and maintenance cost will become commensurate only when the student strength is to the full capacity of the institute.

So it is proposed to take up the swimming pool after two years utilizing the already approved administrative approval.

The building and work committee deliberated and resolved to approve the proposal of the Institute to take up this work in two phases under the same administrative approval and expenditure sanction.

Item No.10

To Intimate the Construction of 80 units of Faculty Housing in Two Phases.

Resolution No. 13/2013

It is reported to Building and works committee that the committee in its 13th meeting has accorded administrative approval and expenditure sanction for the 80 units of faculty housing with the built up area of Rs.18,000 / sqm of 80 units to be housed in G+ 10 storey structure.

This block will consist of 60 units of Type IV and 20 units of Type V. The administrative approval and expenditure sanction has been accorded for Rs.38,91,35,000/-. Even though as per the approval the administrative approval and expenditure sanction has already been communicated to CPWD to take up this work as deposit work, a review of availability of occupants on completion of this housing units has been reviewed. It is felt in case the work is completed as per the time limit given by the CPWD in the estimate, the housing units could not be allotted to the occupations for all 80 units due to administrative procedural delays in creation of the post and filling up of the same. Keeping this in view it has been proposed to take up this work in two phases with 30 unit of Type-4, and 10 Unit of Type-5 as Phase-1 and similar unit as phase-2. During the phase-1 all the services including lift will be taken up.

The phase-2 will be a horizontal extension only. The phase-2 is to be taken up on completion of phase-1.

The building and work committee deliberated and resolved to approve the proposal of taking up this work in two phases with the all ready

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accorded administrative approval and expenditure sanction.

Item No.11

Accord of approval for the additional built up area to be taken up in the new campus at Melakkottaiyur.

Resolution No.
14/2013

The committee has been informed that the building and work committee in the 6th meeting held on 17th October 2010, under resolution no.3/2010, has accorded approval to take up the following facilities with the built up area shown against the work totaling 1,20,000 /sqm built up area for the construction of the New Campus.

Facilities	Built up Area (in sqm)
1. Admin building	- 4500
2. Class room Campus	- 7500
3. Laboratory and research campus	- 20000
4. Auditorium	- 3000
5. Student activity and other public facilities	- 3000
6. Library	- 3000
7. Design studio	- 4500
8. Boys hostel 1200 bed	- 26900
9. Girls Hostel	- 11000
10. Transit 50 units	- 4600
11. Guest house 50 rooms	- 2500
12. Faculty housing 80 units	- 18000
13. Staff housing 80 units	- 11000
14. Service station, Director bungalow etc.,	- 500
Total	= 1,20,000 sqm

Committee in the same meeting under resolution no.5/2010 has approved to appoint the consultant for obtaining the GRIHA 3/4 star rating for the propose construction in the New Campus as mentioned above.

The above mentioned built up area against the work has been informed to the committee based on the conceptual drawings.

However on working it out the detailed structural design and the working drawing of architectural, services the built up area varied. Even though the number of the buildings as proposed above has not been changed the built up area without the change of scope in each building the built up area as per the construction drawing has deviated and the area as per administrative approval and expenditure sanction is as below.

Facilities	Built up Area (in sqm)
1. Admin building -	5322
2. Class room Campus -	11524
3. Laboratory and research campus-	38929
4. Auditorium -	4500
5. Student activity and other public facilities-	2598
6. Library -	incl in No. 3
7. Design studio -	incl in No. 3
8. Boys hostel 1200 bed -	31130
9. Girls Hostel -	9907
10. Transit 50 units -	12840
11. Guest house 50 rooms -	incl in No. 10
12. Faculty housing 80 units-	12380
13. Staff housing 80 units -	7740
14. Service station, Director bungalow etc.,-	500
15. Dining -	3784
16. Cafeteria -	496
Total	= 1,41,650

It could be seen from the above that in order to put up all the proposed buildings. The total built up area to be taken up will be 1,41,650 Sqm. These buildings are absolutely required for the day to day functioning of the institute.

As per the approval of the committee in its 6th meeting under resolution no.4/2010. The work of preparation of the detailed design of this buildings including services and the master plan has been entrusted to M/s. CPGI consultant India Pvt. Ltd., Bangalore for a built up area of 1,20,000 sqm with the rate of Rs.276 sqm.

However as a good will gesture, M/s.CPG(I) Pvt Ltd has extended their services free of cost upto 1,30,000 sq.m. at the cost of 1,20,000 sq.m. In this regard a mutual consent letter which made part and parcel of agreement is placed for perusal as **Annexure 10**.

In order to take up the works of auditorium, staff quarters, Director bungalow the area exceeds 1,30,000 sq.m. Hence M/s.CPG(I) pvt ltd is not willing to take up these works either free or at the old rates.

Hence it is proposed to call for EoI from private architects under two bid system to carry out the remaining works.


It is requested that committee may approve and recommend to BOG to take up the architecture consultancy for the additional built up area of 25000sq.m over and above already approved 1,20,000sq.m thus to a total built up area of 1,45,000sq.m and also to take up construction after obtaining necessary administrative approval and expenditure sanction work wise from the competent authority.


	<p>The Building and Works Committee deliberated the above facts and resolved to recommend to BOG to take up additional built up area work through a fresh architectural consultant to take up construction including its allied services to the tune of additional 25000sq.m thus total of 1,45,000sq.m.</p>
Item No.12	<p>Ratification of Administrative Approval and Expenditure Sanction accorded by Director</p>
<p>Resolution No. 15/2013</p> <p>12.1</p>	<p><u>Administrative approval and expenditure sanction for planting and grassing at central median of gate-B</u></p> <p>It is informed to Build and works committee that the Institute campus Gate-B, is at present serving as the main entrance to the Institute. In order to enhance the ambiance for the visitor of this institute it was urgently required to take up a horticulture work in the central median of the road connects Gate-B and also certain trees to be planted towards the approach. For this work CPWD has forwarded an estimate for Rs.2,12,300/- including 5% contingency. The estimate copy is placed as Annexure-12</p> <p>The estimate is based upon Delhi schedule of rates 2012 and local market rates. The estimates has been approved since the same is within the financial power of the Director, IIITDM administrative approval and expenditure sanction has been accorded by Director through sanction order No. 37/2012 (Annexure-11)</p> <p>The Building and works committee has taken note of the above refered action and resolved to ratify the action taken by Director, IIITDM.</p>
Additional ITEM NO.1	<p>Administrative approval and expenditure sanction for the Supply, Installation, Testing and Commissioning of 3nos. of 1000KVA DG sets and 1no. of 500KVA DG Set</p>
Resolution No. 16/2013	<p>The committee has been informed that during the master plan stage the concept for backup power for essential services has been discussed and after weighing pros and cons vis -a-vis providing independent DG set building wise and providing for the combined capacity DG set substation wise, it has been decided to provide substation wise back up. Accordingly the consultants have proposed 3 nos. of 1000KVA Diesel Generators for catering essential power supply to Administrative block, Laboratory block, Lecture block and Indoor sports complex and to be installed in the basement of the lab block i.e. substation-2. This will cater the backup power for the supplies to be serviced by substation-2. And they have also</p>

	<p>proposed 1no. 325KVA DG set for catering essential power supply for Boys Hostel-1, Boys Hostel-2 and Staff quarters. On scrutiny of these schemes CPWD suggested 500KVA DG set for the Hostels instead of 325KVA to be housed in substation-3 after verification of the load details the supply from the substation is required for the centralized water supply pump system.</p> <p>Accordingly CPWD has been requested to give estimates for accord of Administrative approval and expenditure sanction. Based on our request CPWD has forwarded a preliminary estimate for ₹ 3, 96, 52,100/- including 3% contingencies (Annexure-A1 and A2). The time limit prescribed by CPWD in the preliminary estimate is 12 months for execution after getting A/A and E/S. The estimate is based on PAR2012.</p> <p>The Building and works committee deliberated the above provisions and the estimate and resolved accord Administrative approval and Expenditure Sanction for ₹ 3,96,52,100/- (Rupees Three crore Ninety Six Lakhs Fifty Two Thousand and One Hundred only) for taking up this work.</p>
<p>Additional ITEM NO.2</p>	<p>Administrative approval and expenditure sanction for the Supply, Installation, Testing and Commissioning of 550TR Central Air conditioning plant</p>
<p>Resolution No. 17/2013</p>	<p>The committee has been informed that during the concept stage it has been approved in the master plan to provide Central Air conditioning plant to cater administrative building, senate hall, 200 seater class rooms in Lecture block, Laboratory block and auditorium. This single Air conditioning plant will be housed in the Laboratory block Terrace and the chiller unit will serve the AHU for various buildings. The consultant has proposed the following three chiller units for catering the HVAC for the campus:</p> <ol style="list-style-type: none"> 1. 550TR water cooled chiller unit-2nos.(1 no. for future requirement) 2. 300TR Air cooled chiller unit-1no. <p>As administrative building is nearer to its completion before the laboratory block it has been decided that the 300TR chiller unit to be installed in open area near the admin building and this chiller unit has already got the A/A and E/S vide sanction order no.30/2012 dated 28-12-2012. Based on the Resolution No.37/2012 of Building and Works committee in its 13th meeting held on 17.12.2012 on completion of the laboratory block and while installing the main 550TR chiller unit this 300TR can be shifted and amalgamated to a main Central plant.</p>

Accordingly CPWD has been requested to give preliminary estimates for one no. 550TR chiller unit for accord of Administrative approval and expenditure sanction. Based on our request CPWD has forwarded a preliminary estimate for ₹ 4, 66, 14,975/- including 3% contingencies (Annexure-A3). The time limit prescribed by CPWD in the preliminary estimate is 12 months for execution after getting A/A and E/S. The estimate is based on PAR2012.

The Building and works committee deliberated the above provisions and the estimate and resolved to accord Administrative approval and Expenditure Sanction for ₹ 4, 66, 14,975/- (Rupees Four Crore Sixty Six Lakhs Fourteen Thousand Nine Hundred and Seventy Five only) for taking up this work.


(Mr. A. Manickavasagam)
Member and Secretary, BWC
IIITD&M, Kancheepuram


(Prof. R. Gnanamoorthy)
Chairman, BWC,
IIITD&M, Kancheepuram

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