

MINUTES OF THE 21st MEETING OF BWC HELD ON : 24th December, 2014

21st Meeting of the BWC was held on 24th December 2014 at 1100 hours in the Conference Room of COEP. Following were present:-

1. Prof. A.D. Sahasrabudhe, Director, COEP & Chairman BWC.
2. Shri Atul Kirloskar, Member BOG & BOG Representative on BWC.
3. Prof. Uday Athawankar, Professor IIT Mumbai, Member.
4. Shri. Salil Ranadive, Architect, Mumbai, Member.
5. Dr B.N. Chaudhari, Member BOG, Invitee.
6. Shri. P.V. Sarode, Joint Director, Technical Education, Pune, Member.
7. Shri. S. Sonawane, Executive Engineer (PWD) Representative of SE (PWD), Member.
8. Prof. B. G. Birajdar, Secretary, BWC.
9. Brig. K. S. Pathania (Retd), General Manager (Admin), Invitee.
- 10 Prof. A.D. Sahasrabudhe, Director COEP and Chairman, BWC welcomed the members and the agenda items for the day were taken up for further discussion/decision.

Item - 01

Confirmation of Minutes of 20th BWC Meeting held on 28th June 201.

Resolution

The minutes of 20th BWC Meeting were approved by the members.

Item 02

Progress Report on Construction of Girls' Hostel Building (GHB).

The project had been completed as intimated during 20th Meeting of BWC. Details pertaining to a few works which had recently been executed as mentioned below were intimated:-

Sr. No.	Particular	Estimated Cost in Rs.	Value of Work Order in Rs.	Status
1	Supplying & Installation of Ventilation System for Kitchen in Girls' Hostel Building. (Reported, 20 th BWC Meeting)	16,81,915/-	16,00,000/-	Work has been completed. Final bill paid.
2	Landscape and Site development Part-II Girls' Hostel Building. (Reported, 20 th BWC Meeting)	37,69,932/-	39,48,000/-	Work has been completed. Final bill is awaited.
3	Supply & installation of Heat Pump for Solar Water Heating System, Girls' Hostel. (Reported, 20 th BWC Meeting)	12,00,000/-	925,000/-	Work completed.
4	Construction of Entrance Gate For GHB & Hostel Campus. (New Work)	9,27,716/-	9,26,974/-	Contract was awarded on 27/03/2014 after tendering action. Gate has been redesigned by CCBA & work is in Progress.
5	Supplying & Installation of Roof Top LED Sign Boards	6,80,000/-	6,78,555/-	Work completed.
6	Fins GHB	12,21,120/-	12,21,120/-	The top floor fins were yet to complete. After tendering process, M/s Concrete Solutions have agreed to execute work, it is in process.

Details of Expenditure till Date.

[a] For this project, Govt. of Maharashtra had sanctioned Rs . **1634.06** lakhs, the institute has received Rs.**1631.73** lakhs till date.

[b] Total expenditure excluding furnishing till date is Rs. **2302.69 lakhs**. Moreover the settlement of final bill of IVRCL is yet to be completed.

The above was for the appraisal of the members.

Resolution

The members noted the progress.

Item -03

Progress Report on Construction of Academic Complex Building (ACB).

The project has been completed successfully as reported during 20th Meeting of BWC, however site development, river side Up-gradation of Compound Wall near ACB and signages were pending. As per resolution these works were required to be executed on priority (Item – 04). . The details pertaining to these works are given in subsequent paragraphs.

Up-gradation of Compound Wall (River Side)

The wall was designed by CCBA at an estimated cost of Rs. 34,99,675/- and contract was awarded to M/s Mark Associates on 19 April 2014 at a cost of Rs. 32,27,163/- after tendering action and the work is in progress.

During excavation work it was observed that hard rock was available at a depth of 8 m, however CCBA had assumed that it would be available at a depth of 1.8 m. Due to river bed and loose soil on both sides of the proposed compound wall, earth was required to be retained with an uncoursed rubble masonry (UCR) wall all the way up from hard rock strata with concrete slabs in between for additional stiffening support (Loft Type Retaining Wall). Consequently work order for additional work (extra retaining wall, additional excavation work and facing stones on areas of the wall which are visible from the river side) at a cost of Rs. 12,07,033/- has also been issued. As such total cost of the work would be Rs. 44,34,196/-. Work is likely to be completed within next 15-20 days.

Site Development

The site development plan/tender documents were prepared by CCBA. Tenders were invited and five quotes were received. On scrutiny one contractor did not qualify. All eligible contractor from L1 to L3 were invited for further negotiations under the aegis of Mr Malegaonkar as representative of Chairman of Finance Committee. Quote of M/s Shreedhar Kakade is the lowest: Rs. 1,05,99000/- against estimated cost of Rs. 1,20.64,485/-.

Signages

Work pertaining to signages has been accomplished at a cost of Rs. 4,62,976/-, which was planned by CCBA.

Details of Expenditure till Date.

[a] For ACB project, Govt. of Maharashtra had sanctioned Rs. **1084.39** lakhs and institute has received Rs.791.00 lakhs till date.

[b] Total expenditure excluding furnishing was Rs. 1347.84 lakhs, which had been paid till date. However final settlement with IVRCL was pending.

Above was for the approval/appraisal of the members.

Resolution

The members noted the progress and also approved the budget. They pointed out that during planning stage of Up-gradation of Compound Wall (River Side), depth at which hard rock would be available should have been ascertained to avoid midcourse corrections, which often result into delay in completion of work and escalation in cost as well. CCBA must take note of this while planning other projects.

The members also perused the entire planning of area development and suggested that development planned next to flyover (under construction) should be executed after the completion of that project. Moreover parking areas should not be in show window and were required to be relocated in depth area to the possible extent.

Item – 04

Proposal for Construction of New Boys' Hostel

Due to increase in intake of students and existing acute shortage of residential accommodation, the necessity of constructing a new hostel for boys needs no emphasis. The point was projected to the BOG and they have approved the project in principle and have also directed M/s CCBA to prepare the necessary documents for tendering action. Accordingly the project report is being prepared. In accordance with directions of the BOG the project will be progressed further when requisite funds are available.

Above was put up for the information and suggestions of the members.

Resolution

The member suggested the following:-

- (a) Lessons learnt after the construction of GHB/ACB including impeding factors to be listed and due cognizance to be taken while planning the new hostel. All components of the project to be listed in chronological order and the tendering action should be done in laid down sequence to ensure smooth and systematic progress of the project.
- (b) Views of the stake holders and the Chief Rector (the owner) to be obtained and they should be suitably involved during planning and execution phase. The members further reiterated that in future all major projects must be planned in detail with active participation of the stake holders and should be presented to the BWC for approval.
- (c) All components of major projects should be planned in totality and as far as possible closely related works should be grouped for tendering action. Piece meal tendering of various components of projects should be avoided, because invariably this results into confusion and delay, since coordination between various agencies becomes difficult and for any delay they would blame each other.
- (a) Construction of new projects should commence only after having obtained all statutory permission/approvals from the competent authorities.

Item – 05

Bhau Institute of Innovation, Entrepreneurship and Leadership (BIEL).

Construction work commenced in the second week of November 2012. The project is challenging because of intricate nature of curved walls in design, as such it is time consuming. Only 30% work has been completed till date. Mr. Rohit Abhay Jain (M/S Total Environment Building Systems) gave detailed briefing on the ongoing project.

Resolution

The members observed that the project has inordinately been delayed and the reason of intricate wall design was not a convincing answer. M/S Total Environment Building Systems should intimate a revised working schedule with specific dates for completion of various stages of the project including completion date of the project. They should also intimate the innovations which have been incorporated or being incorporated while constructing the subject building of an **Institute of Innovation, Entrepreneurship and Leadership**; highly desirable feature of such a building.

Item-06

Up-gradation of Mechanical Engineering Department.

Proposal to upgrade Mechanical Engineering Department was projected during 17th BWC Meeting; held on 08/10/2011 [Item 10 (b)] and was approved by the members. It was envisaged that approximately 20,000 square feet of built-up area would be available for new users after retrofit. Thereafter, as recommended by CCBA, M/s ANLA were appointed as consultant for the project and the point was discussed in subsequent meetings of the BWC as well.

During 20th BWC Meeting, members were informed that M/s ANLA was working on the project. After pruning the final cost of project as worked out by ANLA was Rs. 5.4693 crores (without taxes). The estimate with taxes was 6.087 Cr.

Consequent to the above, tenders for Up-gradation of Mechanical Engineering Department were invited by giving an advertisement in the newspaper and also uploading the tender documents on COEP Website on 19/02/2014. Technical bids were opened on 12/03/2014 and were evaluated by M/s ANLA. Three bidders viz M/s Mark Associates, M/s S.T. Biradar & M/s Savani Construction Co. Pvt. Ltd. were found to be eligible .

Based on the recommendations of M/s ANLA, commercial bids of above mentioned agencies were opened on 29/04/2014 in the presence of the bidders. M/s S.T. Biradar was the lowest bidder with a quote of Rs .5,59,24,935/- including all the taxes .

After discussion with Shri Prataprao Pawar (Chairman Finance Committee, COEP), it was decided that fresh quotes be invited from the eligible bidders **without the cost of furniture , HVAC and Electrical items.** All the bidders were informed accordingly, and fresh bids so received from them were opened on 2/05/2014. Quote of M/s Mark Associates was the lowest (L1) amounting to Rs.3,30,06,903/- as against the estimated cost of civil works Rs.

396.15 lakhs. Consequent to the above, M/s Mark Associates (L1) was invited for further negotiations on 05/05/2014.

After extensive negotiations, M/s Mark Associates submitted their revised/final offer on 06/05/2014, stating that firm was ready to execute the work at a revised cost of Rs. 3,20,25,723/-. Shri Prataprao Pawar (Chairman Finance Committee, COEP) was personally briefed by the Director and contract was awarded to M/s Mark Associates on 19/05/2013 at a cost of Rs. 3,20,25,723/-. Foundation stone laying ceremony was held on 26/05/2013 under auspices of Shri Prataprao Pawar (Chairman Finance Committee, COEP). The project is being funded by M/s Bajaj Auto Ltd. up to the tune of Rs. 4.5 crores or 50% of the total cost of renovation including new furniture and equipment. Separate tenders have been invited for furniture, electrical works and HVAC system as per details given below:

S. No	Name of Work	Estimated Cost (Rs)	Cost of Contract (Rs.)	Remarks
1	Interior & Allied Works in Mechanical Engineering Department.	1,06,51,918/-	-	Tenders have been invited & After negotiations M/S Jajra Interiors is the lowest bidder ; Rs. 87,50,459/-
2	Electrification & IT Related Works; Mechanical Engineering Department.	86,84,275/-	52,80,562/-	Contract has been awarded to M/S Suvarna Electrical Pvt. Ltd. on 07 Nov 2014.
3	HVAC System	19,21,650/-	-	Drawings & BOQs are being prepared.
Total in Rs.		2,12,57,842/-		

The progress report was presented by Prof B.G. Birajdar, Sec BWC.

Resolution

Progress was reviewed by the members. However they observed that the cost of up-gradation was on higher side as compared to new construction. Sec BWC informed that the cost was on higher side since the building is a heritage structure, hence different specifications for restoration of heritage structure are required to be followed, which are expensive vis-à-vis conventional construction procedure and specifications.

The members also observed that the project was approved on 08 October 2011 and the construction commenced on 26 May 2014. They suggested that such works should invariably be pursued on priority to obviate cost escalations and also to ensure that requisite facilities are created to match with our expansion/up-gradation plans. Nonetheless they appreciated the efforts to bring down the total cost of the project (civil work Rs. 4.8 crores) to almost match with the commitment of M/s Bajaj Auto Ltd to finance the project up to the tune of Rs.4.5 crores. Revised cost of the project was approved by the members.

Item-07

Up-gradation of HV Lab Electrical Engineering Department (20/BWC/Ser 16).

Details pertaining to modifications/up-gradation of HV Lab of Electrical Engineering Department were discussed during 20th BWC meeting. The members had directed that the work should be undertaken on priority and preferably CCBA be appointed as architect for the

subject project. As sequel to the above only architectural drawings were prepared by CCBA and the estimated cost of civil work is Rs, 2,22,80,876/-, (additional area is 2000 sq. m.) Tenders were invited on 02/07/2014 and last date of receipt of tenders was 25/07/2014. There was no response hence tenders were invited again on 25/08/2014. Three tenders have been received and they are under scrutiny. Tender documents for other works such as electrical, furniture, and HVAC etc are also being prepared. **M/s CCBA will gave a presentation on the subject.**

Resolution

M/s CCBA gave detailed presentation on the project and their efforts were appreciated by the members. They approved the budget and directed that the project to be executed on priority. They also suggested that up-gradation works where usable area is going to be increased, the cost analysis vis-à-vis increase in usable area should explicitly be stated to indicate the cost of construction per sq ft.

Item -08

(a) Up-gradation of Cafeteria in South Campus. (18/BWC/11)

The project was discussed during 18th BWC and the member had resolved that CCBA should be asked to plan the up-gradation and should also prepare the drawings. Accordingly CCBA were asked to prepare the drawings. Tenders were invited on 07/04/2014. Only two quotations were received, which were opened on 26/052014. After negotiations contract was awarded to M/s ST Biradar on 26 June 2014 at a cost of Rs.76,69,555/- against estimated cost of Rs.84,60,964/-. Thereafter it was suggested that Solar Panels should also be incorporated, so that up-graded cafeteria conforms to self sustained power supply and meet the green building concept. This entailed major changes in drawings, consequently fresh drawings have been prepared by CCBA and have recently been issued to the contractor. The cost will not escalate more than 5% of the estimated cost. The cost of Solar panel is not included in this estimate . This will be separately installed by the electrical department . M/s CCBA gave a detailed presentation on the subject.

Resolution

The members noted that views/requirements of the users have not been incorporated to ensure that facility once created does not suffer from basic draw backs, which were noticed after the construction of GHB. They suggested that views of the users including contractors (running Boat Club & Café) be obtained before the commencement of the construction work.

(b) Up-gradation of Production Engineering Department

(c) Hostel Mess Up-gradation

(d) Playground & Sports facilities

Resolution : M/s CCBA gave detailed presentation on the subjects. The members appreciated the presentation and efforts to up-gradation program by tapping funding from corporate world . They also enquired about feasibility of solar panels on roof. M/s CCBA

informed that keeping in view height of roof and closeness to railway line , that was not suitable . The members approved the project .

About hostel mess and sport facility the members suggested that detailed plan be presented with views and discussion with stakeholders in next meeting .

Item-9

Progress of works reported during 20th Meeting of BWC (Item-08).

Ser No	Name of Work	Estimated Cost (Rs.)	Cost of Contract (Rs.)	Remarks
1	Proposed Student Section	7,74,139/-	6,99,055/-	Work Completed Rs. 7,49,392
2	Renovation of Basement in Metallurgy & Material Science Department.	5,96,314/-	4,89,246/-	Work Completed Rs. 3,57, 386/-
3	Refurbishment of Computer Lab Tables & Chairs in Metallurgy & Material Science Department.	3,20, 168/- (only material)	4,48, 145/- (material & labour charges 26%)	Work Completed Rs. 3,35,970/-
4	Renovation of Rain Water Gutter, Mechanical & Civil Engineering Department.	13,56,504/-	11,47,641/-	Work Completed. Final bill awaited.
5	Renovation of Ladies Toilet Block & Minor Civil Works in Electrical Engineering Department.	3,01,925/-	3,14,568/-	Work Completed. Rs. 3,30,143/-
6	Renovation of Roofs B,F & G Blocks of Hostel.	24,61,500/-	22,70,063/-	Work Completed. Rs. 22,96,693/-
7	Up-gradation of Laboratory in Instrumentation & Control Engineering Department. Modular Furniture.	28,68,621/- (less Modular Furniture)	23,63,453/-	Work Completed. Rs.27,54,014/- Modular furniture has also been installed after tendering action at a cost of Rs. 7,96,330/-
08	Minor Civil Works in E & TC department.	4,57,181/-	4,34,774/-	Work Completed. Rs.3.10,859/-
09	Renovation of Toilets A & B Block, Hostel.	36,86,752/-	36,94,319/-	Work Completed. Rs.42,35,021/-

Resolution

The progress was noted by the members.

Item-10

Progress on works approved during Earlier Meetings of BWC.

Ser No	Name of Work	Estimated Cost (Rs.)	Cost of Contract (Rs.)	Remarks
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1	Renovation of Toilets of Boys' Hostel[Block C,D,E &F]. The contract was awarded to two contractors, at lowest tendered rates to accomplish the job within summer break period, after having discussed the matter with the Chairman of Finance Committee, COEP. (20/BWC/09)	1,04,75,105/-	58,49,540/- 52,16,068/-	Block C & D, work has Been completed. Rs. 60,50,972/-. Block E & F. Work has been completed. Rs. 52,50,071/-
2	Waterproofing Treatment & enclosing of Library Roof of Electrical Engineering Department (20/BWC/08/Ser16 , ii	14,39,115/-	14,35,746/-	Work in Progress. (70 % completed)
3	Construction of Natural Waste Water Treatment Plant, in Hostel; (19/BWC/07/Ser 10)	1,14,71830/-	1,0394,224/-	Work is in progress. 50 % completed. A research project under MOU (entitled "Natural Water Systems & Treatment Technologies") through Ecosan Services Foundation, (ESF) supported by GOI-DST. They will contribute Rs. 90 lakhs and Rs. 45 lakhs have been received.
4	Rain Water Harvesting In Hostel (19/BWC/07/Ser 10)	3,35,274/-	3,24,246/-	Work Completed Rs. 4,25,911/-

Resolution

Progress was reviewed and noted by the members.

Item 11

Work executed/in progress, after having been approved by the Chairman, BWC being Urgent in nature.

Ser No	Name of Work	Estimated Cost (Rs.)	Cost of Contract (Rs.)	Remarks
1	Providing & Fixing Powder Coated Aluminium Sliding Windows, Faculty Desks/Table in New Town Planning Section. Work was essential and was required	5,58,154/-	5,57,497/-	Work Completed. Rs. 4,63,260/-

	to be executed on priority in July 2013, before the commencement of Academic Session 2013-14.			
2	<p>Renovation of Roof of Fab Lab, Production Engineering Department.</p> <p>Work was essential, since it was badly damaged due to fire on 08/12/2013 (third time). Apparent cause; being close to railway line, the wooden baton caught fire due to sparks of rail engine. The wooden baton has been replaced with MS angles. Immediate renovation was essential, since a large number of events were scheduled to be conducted in fab Lab.</p>	4,83,082/-	4,41,086/-	Work completed. Rs.3,52,271/-
3	<p>Furniture Work in Math Deptt, New student section in Heritage Building, Account Section & TEQIP Office.</p> <p>Work was essential to accommodate Student Section in Heritage Building to create additional classroom for for Town Planning Section, since there was acute shortage of classrooms.</p>	33,13,380/-	31,66,046/-	Work has been Completed and final bill under scrutiny.
4	Up-gradation of Electrical Substation For PG Lab & Site Development Around Substation. Additional accommodation is being created to accommodate the recent accretion in student strength.	12,35,977/-	12,52,038/-	The work is in progress. (90 % Completed)
5	<p>Ramps for Physically Challenged Persons.</p> <p>As per norms all buildings should have ramps for physically challenged persons. Therefore work was sanctioned and executed on priority before the visit of NBA in the month of March 2014.</p>	3,92,964/-	3,10,000/-	Work Completed. Scrutiny of final bill and measurements in progress.
6	<p>Up-gradation of Toilet Block in Front of Plumbing Lab.</p> <p>The condition this toilet block was poor and urgent renovation was essential, since the toilet being centrally located is used by majority of staff and students. A major part</p>	14,63,220/-	14,63,220/-	A repeat work order was issued to M/s Lines and Curves . the Work is Completed. And final bill is awaited. The partial support is committed by the Indian P

	of expenditure will be financed by Plumbing Association of India.			Plumbing Association (IPA) to this work (minimum Rs. 5 lakh)
7	Refurbishment of Chemical Analysis Lab of Metallurgy & Material Science Engineering Department. Up-gradation of Corrosion Lab was Sponsored by EATON Corporation. The adjacent room (600 sq ft) was in dilapidated condition. As such refurbishment was essential to improve the ambience.	6,15,412/-	5,86,107/-	Work has been completed. Final bill under scrutiny.
8	Refurbishment of applied Mechanic Division.	4,15,027/-	3,82,240/-	Work completed. Rs. 375,336/-
9	Sliding Aluminum Windows for E & T C Engineering Department. Windows of E & T C Engineering Department are old and in bad condition. Immediate replacement before onset of monsoon was essential	7,38,302/-	3,82,040/-	Work completed. Rs.3,81,500/-.
10	Refurbishment of VLSI Lab in E & T C Department. (The lab was in very poor condition).	12,11,372/-	12,06,528	Work completed. Final bill awaited.
11	Up-gradation of SEM Lab in Metallurgy & Material Science (Department. FESEM worth Rs. 1.8 crore was received under TEQIP grant and needed a furnished room.)	9,38,196/-	8,67,669/-	Work completed. Final bill under Scrutiny.
12	Road Work from GHB Entrance to Director's Residence in Hostel campus. (Water logging was to be avoided)	6,14,719/-	5,92,924/-	Work completed. Final bill Rs. 5,91,828/- Passed for payment
13	Modification of Drawing Tables of Civil Engineering Drawing Hall Tables (16 No.) for B.Tech Planning Students.	5,59,740/-	5,46,720/-	Work Completed. Final bill from contractor is awaited.
14	Repairing of Drainage Line, A & B Blocks (Toilets) in Hostel Campus. (Hygienic needed improvement).	3,33,101/-	3,33,101	Work Order issued on 28/07/2104. Work completed & Final Bill passed for payment on 30/09/2014.
15	Road Work from Director's residence To ESR in Hostel campus. Water logging needed to be overcome.	5,89,907/-	5,73,051/-	Work Order issued on 11/09/2014. Work completed & final bill Rs. 5,54,197 passed for Payment on 14/10/2014.
16	False ceiling for computer lab & partition work in Computer & information Technology Engineering Department. Damaged ceiling needed	5,25,159/-	5,21,640/-	Work order was issued On 03/12/2014 and work is in progress.

	urgent repair.			
17	Provision of false ceiling, partitions & external painting work in Mathematics Department.	4,90,075/-	4,79,415/-	Work Order issued on 08/12/2014 and work is in progress.
18	Renovation of Nano Composite Lab of Metallurgy & Material Science Department.	4,18,791/-	4,18,672/-	Work Order issued on 20/10/2014 and work is in progress.
19	External Plumbing Work up to OHT of each building in Hostel Campus, to use treated recycled water for toilets.	12,29,555/-	7,23,479/-	Work Order issued on 19/11/2014. Work is in progress. A part of plumbing lay out & certain items are to finalized.
20	Carpentry work in SRES Lab Electrical Engineering Department.	8,10,000/-	7,74,250/-	Rates of items were Negotiated after tendering action. Work order issued on 11/12/2014. Work in progress.
21	Up-gradation of Corrosion Lab in Metallurgy & Material Science Department .	24,41,806/-	20,35,684/-	Work completed. Rs. 21,56,490/- The project was fully financed by M/s ETON .

Resolution

Progress was reviewed by the members. The works undertaken were approved due to the emergency. They also appreciated the efforts of the institute for getting Corrosion Lab up-gradation financed by M/s EATON and general improved ambience and maintenance of buildings.

Item-12

Work recommended for the approval of the members, (as per M/s CCBA specification)

Works as per the details given below are recommended to be approved by the members.

Sr. No.	Name of Work	Estimated Cost (Rs.)	Remarks
1.	Provision of Lifts in E&TC & Main Auditorium in COEP.	42,00,000/-	Lifts are essential for Senior citizens and naturally challenged persons . E& TC building is G+3, Is having provision of shaft. There is long pending Demand from senior Faculty and naturally Challenged students.
2.	Renovation of Embedded System Laboratory in E&TC Engineering Department, COEP	19,00,000/-	This is under TEQIP-II, Partial funding Rs. 8 lakhs is available, the balance will

			be from the \institute fund.
3.	Provision of New Parking Area near Metallurgy Engineering Department, COEP	6,09,752/-	This is required due to acute shortage of parking space at present.
4.	Provision of Service Duct for Networking & Electrical Underground Line in College Campus, COEP	10,65,270/-	This is required to cover the net working through WiFi and additional connectivity.
5.	Refurbishment of HOD Cabin, Meeting Hall & Faculty Cabin in Computer Engineering Department, COEP	13,05,234/-	This is required to upgrade the existing facility.
6.	Renovation of Fluid Mechanics Laboratory in Civil Engineering Department, COEP	13,05,234/-	This is required to upgrade the existing facility
7.	Up Gradation of PG Lab in Applied Mechanic Division, COPE (20 Nos)	6,48,554/-	This is required to upgrade the existing facility
8.	Renovation of Faculty cabin in Applied Mechanic Division, COEP (7 nos Cabin)	18,59,781/-	In view of NBA this is required.
9.	Refurbishment of DSP Lab in E & TC Department	6,51,517/-	In view of NBA this is required.
10.	AC work in SRES Lab Electrical Engineering Department.	9,50,000/-	It is essential part of up-gradation.

Resolution

Above mentioned works could not be discussed due to paucity of time. Hence the Chairman directed that the Sec BWC should obtain the views/approval of the members through e-mail and those works which are urgent in nature their planning and tendering action would commence after consent of BWC members via email to save time. Thereafter the progress could be reported in next meeting of the BWC.

Item - 13

Details of expenditure for the Last Five Financial Years on Routine Repairs, Maintenance and Renovation of Buildings.

Ser No	Financial Year	Expenditure (Rs.)
1	2009-10	1,82,48,955/-
2	2010-11	1,44,91,548/-
3	2011-12	2,88,03,598/-
4	2012-13	2,44,46,057/-
5	2013-14	2,41,97,471/-
6	2014-15 (till date)	3,29,34,815/-

Resolution

The members took note of the above.

Meeting ended with thanks to all.

Secretary, BWC
COE, Pune