



AGENDA
39TH MEETING OF THE
BUILDING & WORKS COMMITTEE

**VENUE: NATIONAL INSTITUTE OF TECHNOLOGY
DURGAPUR (ALSO ONLINE MODE)**

DATE: 30.06.2021 (WEDNESDAY)

TIME: 11:00 A.M.

**NATIONAL INSTITUTE OF TECHNOLOGY
DURGAPUR**

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**Agenda Notes for
39th Meeting of Building and Works Committee,
National Institute of Technology, Durgapur**

Venue: NIT Durgapur (also online mode)

Date: 30.06.2021 (Wednesday)

Time: 11:00 a.m.

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**AGENDA NOTES FOR 39th MEETING OF BUILDING AND WORKS COMMITTEE OF
NIT DURGAPUR.**

Chairman, Building and works committee, National Institute of Technology, Durgapur welcomes the members and special invitees to the 39th meeting of the Building and Works Committee.

Item No. 39.1	To confirm the minutes of the 38th Meeting of Building and Works Committee (B & WC) held on 20th October, 2020 (FRIDAY) online over MS-Teams at NIT Durgapur. (Annexure - 39.1)
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The minute was sent to all members.

Item No. 39.2	To note down the action taken on items resolved in 38th Building and Works Committee (B&WC) held on 20th October, 2020. (Annexure - 39.2) , (Annexure- 39.2.1 - #37.6: Special Infrastructure Development Project-2: Smart Card) , (Annexure - 39.2.2 - #38.5: Comprehensive parking facilities in NIT campus) ,
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Item No.	Progress of Various Ongoing Projects:
39.3	<p>a) Handing over process of 1250 Seater boys' hostel is continuing.</p> <p>b) Work is in progress for several ongoing projects as mentioned below:</p> <ul style="list-style-type: none">I. 1500 capacity auditoriumII. Renovation of sewer lineIII. Civil & electrical renovation including lift of central library.IV. Augmentation of civil, electrical & audio-visual capacity including replacement of furniture of LH & LG of main academic building of NIT Durgapur.V. Central Research Laboratory (Utkarsha Bhavan)(under HEFA)VI. 2nos. of toilet for PWD studentsVII. Internal renovation of 55 nos. LM type quarters. <p>CPWD is to submit a report.</p>

Item No. 39.4	Issue of AA&ES for projects approved under EWS.		
Approval has been received from the Ministry (Annexure - 39.3) for the projects under EWS scheme as per the following:			
Sl. No.	Description of project (brief)	Sanctioned amount as per P.E. (Rs.)	Status of issue of AA&ES
1	Augmentation of Space of CSE Department	1,68,86,000/-	Issued
2	Construction of EE Measurement Laboratory	1,61,68,000/-	Issued
3	Construction of Vertical Extension of Thermal Engg. Lab.	1,40,87,000/-	To be issued
4	Mechanization of Kitchen & Modernization of dining halls with furniture.	6,49,82,000/-	To be issued
5	Expansion & refurbishing of laboratories, academic departments & classrooms.	8,04,89,368/-	To be issued
6	Construction of Vertical Extension of the IT building (previous Administrative building)	4,63,59,000/-	To be issued
7	Completion of the top two floors of Sarojini Naidu Hall of Residence including the interiors	2,22,69,500/-	To be issued
8	Extension of sewer line including toilet blocks at NIT Campus,	2,74,21,000/-	To be issued
TOTAL		28,86,61,868/-	
It is proposed that AA&ES may be issued for the pending projects subject to the availability of funds under OH-35.			
Placed for approval of the proposal.			
Item No. 39.5	Any other matter with permission of Chair.		



Registrar
Member-Secretary,
Building & Works Committee
NIT Durgapur

Minutes

38 Meeting of the Building & Works Committee
National Institute of Technology Durgapur

At the beginning of the 38th B&WC meeting, the Chairman of the Committee warmly warm welcomed the members and extended thanks to all for their keen interest towards the infrastructural development programme of the Institute.

Item No	Item	Resolution
38.1	To confirm the minutes of the 37 th meeting of Building & Works Committee (B&WC) held on 06 th December, 2019 (Friday) at Kolkata Extension Centre, IIT Kharagpur, HC BLOCK, Sector - III, Salt Lake City, Kolkata - 700 106.	Confirmed.
38.2	To note down the action taken on items resolved in 37 th meeting of B&WC.	
31.2	#33.2/...../29.3 Lifts of 740 Boys' Hostel Estate section shall submit a report on this in the next meeting of B&WC.	As reported by the Estate Section, all lifts in the concerned hostel are functioning.
	#33.2/...../#29.14 Progress of Boundary Wall and peripheral road. Work order issued for balance work: work is in progress. Site handover to be arranged by I/C (Estate).	Work is in progress.
	#33.2/...../#30.3a) Addressing functional deficiencies of New Guest House. The concerned persons are requested to deliberate on the developments and take necessary steps urgently.	Steps are being taken in this regard.
	#33.2/...../#30.8 Augmentation of Civil, Electrical and visibility capacity with Audio systems of Lecture Halls and Lecture Galleries of old Academic Block. Procedure for handing over is in progress.	Noted.
	#33.2/...../#30.9 Yearly maintenance of the campus. CPWD has not yet intimated its decision to take over the yearly maintenance of the campus.	CPWD is once again requested for intimating their decision in this regard.

	#33.2/...../#30.11 Underground Sewer lines	Locations of sewer lines have been finalised. Tender to be called after finalization of location of sewer lines.
	#33.2/...../#30.16 a) Structural Shed of Mechanical Engineering Department	Noted. The structural shed of ME Dept. has been completed. Handing / taking over of the same is under process.
	#33.2/#30.16 (b) Renovation of Central Library: PE = Rs. 5.6016cr.	Noted. Work is in progress. CPWD is asked to expedite the completion of the renovation works.
	#33.2/#32.6 + #32.10 Renovation of Campus Road (Concrete and flexible-Bituminous). PE = Rs.330.191 L.	The item is not under consideration at present. However, CPWD may prepare a plan for rainwater harvesting within the campus. As desired by CPWD, NIT authority shall intimate a date for discussion with STP consultant.
	#33.2/#32.13 Renovation of Main Gate and North Gate.	Work is completed at both the sites. CPWD must initiate the work without any further delay.
	#33.2/#32.15 A New Stair Case by dismantling the old narrow stair case in Chemical Engineering Department.	Noted. CPWD is to consider this under EWS items.
	#32.17 Beautification of Pond area and Landscaping of the Campus.	The proposed item is to be initiated by Chairman (Planning). Chairman (Planning) to initiate.
	#34.2/# 33.4 Construction of a G+10 Storied Central Research and Academic Building.	After initiation of the work at site, there has been some delay due to the COVID situation. Now the work is under progress again. Work started on 24.12.2019. Target date for next activity i.e. completion of pile foundation including casting of pile caps, grade beams is 11.5.2020.
31.4	Installation of Lifts, and provision of Toilets and Ramps in Main Academic Building and only Lifts at CSE and ECE Departments for Physically Impaired Students/Persons	Noted. Work is under progress in all the three sites for lifts.

	<p>After finalization temporary ramps works in progress.</p> <p>Work for PWD student's toilet is in progress. CPWD has made a sample for demo purpose for feasibility of temporary ramp connectivity for PWD persons for access to teaching and laboratory instruction floors. However, inspection of the sample reveals that there is a hindrance to the normal movement in the corridor. Hence it is suggested that movable lifts for PWD persons need to be installed in all the floors. The matter may be taken up for discussion in the next meeting under any other matter with the permission of the Chair.</p>	
34.5	<p>Internal Renovation of Staff Quarters.</p> <p>Handed over 13 Nos. quarters is in progress, remaining quarters will be handed over by NIT Authorities. I/C (Estate) is to make necessary arrangements.</p>	Noted. Work is in progress.
35.3	<p>Progress of Various Ongoing Projects.</p> <p>CPWD is asked to expedite the completion of all projects and completion of formalities in connection with official handover of the said projects.</p>	Noted.
35.4	<p>Augmentation of Space of CSE Department.</p> <p>Work is in progress.</p>	Noted.
36.3	<p>Progress of Various Ongoing Projects.</p> <p>CPWD is reminded to take up the sewer line connectivity of the said project under the ongoing project of the same head.</p>	Noted.
36.4	<p>Construction of EE Measurement Laboratory</p> <p>Work is in progress.</p>	Noted.
36.5	<p>Air Conditioning of New Academic Block (NAB)</p> <p>CPWD has inordinately delayed in carrying out the said work. It has been asked to take urgent measures for completion of the project.</p>	Work order has been awarded & work is in progress.
37.3	<p>Progress of Various Ongoing Projects</p> <p>(a) Formal hand over of 1250 seater boys' hostel is not complete.</p>	<p>a. Finishing works & documentation are in progress in 1250 seater boys' hostel.</p>

	(b) (i) For the 1500 capacity auditorium, AC is not working. Video is not complete. Not ready for handover as per the scope & milestone of the work. CPWD is asked to expedite completion of all other works and complete the hand over process in the case of completed projects.	b. Work is in progress in for the completion of the 1500 capacity auditorium and it is nearing the hand over stage. Work is under progress in the remaining sites.
37.5	Special Infrastructure Development Project - 1 : Electrical sciences building & furniture. PE will be submitted by CPWD.	Noted. PE is to be submitted by CPWD.
37.6	Special Infrastructure Development Project - 2 : Smart Card. Chairman (Planning) to initiate.	The proposal is to be submitted by Chairman (Planning) for approval of the authority.
37.7	Special Infrastructure Development Project - 3 : Smart Water Management. Chairman (Planning) to initiate.	The proposal is to be submitted by Chairman (Planning) for approval of the authority.
37.8	Special Infrastructure Development Project - 4 : Smart Electricity Management. Chairman (Planning) to initiate.	The proposal is to be submitted by Chairman (Planning) for approval of the authority.
37.9	Special Infrastructure Development Project - 5: Smart Monitoring of Building. Chairman (Planning) to initiate.	The proposal is to be submitted by Chairman (Planning) for approval of the authority.
37.10	Special Infrastructure Development Project - 6: Smart Waste Management. Chairman (Planning) to initiate.	The proposal is to be submitted by Chairman (Planning) for approval of the authority.
37.13	Campus illumination. Estimate will be submitted by CPWD after discussion with I/C (Estate).	Noted.
37.15	Electronic surveillance with optic fibre layout for the campus. CPWD has submitted a P.E. of Rs. 1,81,58,117/- i/c Contingencies. The project will be considered later.	Noted.
37.16	Extension Centre (Malkata campus) (2000 sqm). Chairman (Planning) to report on the same.	The item is not to be considered at present.
37.17	Children's park.	Noted.

	NIT residents to be consulted in this regard. CPWD may consult with Prof. N. B. Hui, Member PMQCC, in this regard.	
37.19	Landscaping & horticulture. CPWD may submit a revised estimate.	Noted. Signage to be included for different items. The submitted format was approved in Feb, 2020 by Chairman (Cons.) & Chairman (PMQCC). Arrangement of its final approval is to be made by I/C Estate. CPWD may submit the revised estimate.
37.21	Any other matter with the permission of chair. I. Rooftop installation of solar panel: Chairman (Planning) has initiated the process. II. Information regarding maintenance of 1500 capacity auditorium: Report is awaited from CPWD. III. Arrangements to be made for shifting of 2 nd and 3 rd year B.Tech students to the 1250 seated boys' hostel: Concerned section must take immediate steps for shifting of the students for using hostel & dining facilities. IV. Arrangement for providing AC units in academic buildings to be taken up soon: Chairman (Planning) to coordinate.	Noted.
38.3	Progress of Various Ongoing Projects a) Handing over process of 1250 seater boys' hostel is continuing. b) Work is in progress for several ongoing projects as mentioned below: I. 1500 capacity auditorium II. Renovation of sewer line III. Civil & electrical renovation including lift of central library. IV. Augmentation of civil, electrical & audio-visual capacity including replacement of furniture of LH & LG of main academic building of NIT Durgapur. V. Central Research Laboratory (Utkarsha Bhawan)(under HEFA) VI. 2nos. of toilet for PWD students.	The progress of work suffered due to the prevailing COVID situation. Now, according to CPWD, work is under progress at all sites. Item I: (a) A suitable handover committee is to be formed by the Registrar to cover the different classes of specialised technical items included in the project. (b) Tentative handover date may be considered as 06.11.2020.

	<p>VII. Internal renovation of 55 nos. LM type quarters.</p>	<p>Item III.</p> <p>According to CPWD, the date of completion to be considered as 90 from the last day of handover of site to them.</p>
<p>38.4</p>	<p>Provision of fund for the 1500 capacity auditorium.</p> <p>CPWD [vide letter no. 51(S) SE/Durgapur/CPWD/2020/61. dt. 21.02.2020] (Annexure 38.2) has made a demand for Rs.1.22 cr. beyond the sanctioned amount of Rs.26.78 cr. for completion of the project. The additional fund is necessary for :</p> <ol style="list-style-type: none"> I. Introduction of GST from 1st July, 2017. II. Installation of projector of minimum 20000 lumens (as recommended by PMU team) as against 12000 lumens originally considered. III. Podium fitted with touch screen for Wacom & on screen writing facility with digital pen, feed to be connected to the projector. IV. Document camera. V. 90" LED TVs (2 nos.) inside the auditorium for facilitating better view for the audience at the back. VI. Movable BS (2 nos.) for PWD & wheelchair bound people, for access to stage. <p>Apart from the demand of Rs.1.22 Cr. which includes item nos. (i) & (ii), the tentative cost for items (iii) to (vi) shall be around Rs.38 lakhs. Hence, total amount of Rs.1.00 Cr. which is within 10% of the sanctioned amount for which revised estimate is not required, may be considered.</p> <p><u>Placed for approval of the proposal.</u></p>	<p>a. The item may be accepted in principle with the following break-up: Item (i) 92.00 Laacs Item (ii) 30.00 Laacs Item (iii) 2.00 Laacs Item (iv) 5.00 Laacs Item (v) 26.00 Laacs Item (vi) 5.00 Laacs Total = 1.60 Crore</p> <p>b. Rs. 1.00 Cr. has been allotted in the budget for the current F.Y.</p> <p>c. Balance Rs. 0.60 Cr. may be considered in the budget for 2021-22.</p>
<p>38.5</p>	<p>Comprehensive parking facilities in NIT campus.</p> <p>The proposal is reviewed & approved by the Director, NIT Durgapur, dt. 15.02.2020. P.P. No. 1/2020.</p>	<p>a. A team comprising representatives of CPWD, Office of the Dean (P&D) & Prof. K. Bhattacharya may</p>

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	<p>49,000/- i/c contingencies. (Annexure 38.3)</p> <p>The work may be carried out on a priority basis & based on the availability of funds.</p> <p>Presently the 1500 capacity auditorium is nearing completion.</p> <p>Understanding the urgency of the parking facility for the auditorium, it is proposed that the parking facility for the auditorium is given a priority and may be carried out in the first phase of the project.</p> <p>Placed for approval of the proposal.</p>	<p>revisit the proposed areas available inside the campus for finalisation of the site & proposal.</p> <p>b. Phases I & II for the work are to be specified.</p> <p>c. The submitted P.E. may be considered approved. Revised P.E. may be submitted by CPWD, if necessary.</p>
38.6	<p>Construction of Vertical Extension of Thermal Engg. Lab.</p> <p>The proposal was accepted in principle under EWS scheme (# 37.4). The P.E. was to be submitted by CPWD.</p> <p>CPWD has submitted a P.E. of Rs. 1,40,87,000/- i/c Contingencies. (Annexure - 38.4).</p> <p>Placed for approval of the P.E.</p>	<p>The submitted P.E. may be considered approved.</p>
38.7	<p>Mechanization of Kitchen & Modernization of dining halls with furniture.</p> <p>The proposal was accepted in principle in connection with Diamond Jubilee Celebrations of the Institute (# 37.11). Understanding the urgency of the project for the students, the work is now proposed to be taken under EWS.</p> <p>CPWD has submitted a P.E. of Rs. 6,49,82,000/- i/c Contingencies (Annexure - 38.5).</p> <p>Placed for consideration of the project under EWS and approval of the P.E.</p>	<p>The proposal may be considered under EWS. The submitted P.E. may be considered approved.</p>
38.8	<p>Expansion & refurbishing of laboratories, academic departments & classrooms.</p> <p>The proposal was accepted in principle (# 37.12) under EWS scheme.</p>	<p>a. CPWD has submitted a revised estimate of Rs. 6.00 Cr. (excluding the provision for networking). The same may be considered approved & the various components</p>

	<p>The P.E. submitted by CPWD was found to be not in order & was to be resubmitted by them.</p> <p>CPWD has submitted a P.E. of Rs.8,04,89,368/- i/c Contingencies (Annexure - 38.6) for a no. of components. Understanding that there is a requirement of networking facility to be provided, so the components of the above work may be taken up on a priority basis and a sum of Rs. 2 Cr. is proposed to be kept aside for networking facilities.</p> <p>Placed for approval of the P.E.</p>	<p>may be taken up in order of priority</p> <p>b. A sum of Rs. 2.00 Cr. may be kept for arranging networking facility.</p>
38.9	<p>Construction of Vertical Extension of the IT building (previous Administrative building)</p> <p>The Institute is suffering from an acute crunch in space for academic & research activities and faculty office in view of a large increase in the faculty strength and elective courses offered to the students.</p> <p>The IT building (previous Administrative building) that presently houses Mathematics and CSE departments, was constructed by MECON (in 2002 - 2003) with three floors with a foundation for five floors for future expansion. It is proposed to construct two additional floors (vertical extension) in the building for academic and research activities. It is proposed to complete these works from the EWS scheme.</p> <p>The P.E. of Rs 4,63,59,000/- has been submitted by CPWD (Annexure - 38.7).</p> <p>Placed for approval of the project and the P.E.</p>	<p>a. The proposal is accepted in principle & may be considered under EWS.</p> <p>b. CPWD submitted a revised P.E. considering the provision of a 13-passenger capacity lift in place of the proposed 8-passenger capacity lift to accommodate PWD students. The revised P.E. amount of Rs.4,79,94,000/- may be considered approved.</p>
38.10	<p>Completion of the top two floors of Sarojini Naidu Hall of Residence including the interiors</p> <p>Sarojini Naidu Hall of Residence (Hall 11) was handed over to CPWD and inaugurated in June 2011. The construction of the hostel was completed for seven floors but the cross walls completed for five floors only. The balance work was handed over to the Institute as the amount allocated was fully spent for construction.</p>	<p>The proposal is accepted in principle & may be considered under EWS. The submitted P.E. may be considered approved.</p>

	<p>Due to the Covid-19 pandemic, there is a need to revisit the status of hostel accommodation for reducing the congestion and will require an urgent expansion of hostel capacity for the girl students. The two incomplete floors of Hall 12 have been lying unutilized for the last three years for want of funds. These floors are already constructed and will only need the remaining works like flooring, toilets, plastering and other interiors. It is proposed to complete these works from the EWS scheme.</p> <p>The P.E. of Rs 2,22,69,500/- has been submitted by CPWD (Annexure - 38.8).</p> <p>Placed for approval of the project and the P.E.</p>	
38.11	<p>Extension of sewer line including toilet blocks at NIT Campus,</p> <p>Relaying & renovation of sewer lines of the academic block (old & new), library, S. N. Ray Memorial building & the building opposite to it, 1500 capacity auditorium were not considered in the earlier scope. But for better management of sewer lines all over the campus, the abovementioned zones may be considered to be connected to the newly laid sewer lines in the campus along with construction of a few toilet blocks in selected points in the campus.</p> <p>The proposal was earlier discussed & accepted in principle (# 37.21). It is proposed to complete these works from the EWS scheme under renovation of academic departments for the enhanced intake of students.</p> <p>The P.E. of Rs 2,74,21,000/- has been submitted by CPWD (Annexure - 38.9).</p> <p>Placed for approval of the project and the P.E.</p>	<p>The proposal is accepted in principle & may be considered under EWS. The submitted P.E. may be considered approved.</p>
38.12	<p>Consideration of defect liability period (DLP) for projects under CPWD</p> <p>Annexure No. DCP/BLD/01/AUTHORITY/2019-1/233/2 dt. 08.01.2019 (Annexures 38.10 & 38.11) from the then Chief (PwD) & addressed to</p>	<p>The item is accepted in principle.</p>

	the CPWD regarding DLP & maintenance cum operation, was communicated to CPWD for DLP & operation & maintenance of ACs, sub stations, DG sets, pumps, electrical systems, lifts, external lighting security related equipment during the post construction period. There is a further need for the provision of audio-visual systems & other services such that the Institute can utilize these for O3 cars without any hassle. CPWD may update the status of the same as the hand over process is under progress for several projects.	
38.13	No objection certificate (NOC) for fire-fighting set up regarding handing / taking over of construction projects. CPWD must provide status of the same to avoid delay in completion of the hand over process of construction projects.	The item is accepted in principle.
38.14	Fund utilization certificate for completed works from CPWD. CPWD must provide fund utilization certificates for all projects to NIT Durgapur.	The item is accepted in principle.
38.15	Any other matter with permission of Chair.	There was no other item.

The meeting ended with a vote of thanks to the Chair


(Director)
Chairman,
B&WC, NIT Durgapur


(Registrar)
Member-Secretary,
B&WC, NIT Durgapur

Item No.	Agenda Item	Decision taken on the item	Action Taken
38.2/34.2/33.2/...../ #29.14	<p>Progress of Boundary Wall and peripheral road.</p> <p>CPWD is requested to complete the remaining work at the earliest.</p>	<p>Work is in progress.</p>	<p>After joint inspection of the location with CPWD, it is observed that permission to allow demolition of dilapidated structure is necessary from the Authority to clear the alignment of the peripheral road in one point. CPWD is to submit a report in this regard.</p>
38.2/34.2/33.2/...../ /#30.3	<p>a) Addressing functional deficiencies of New Guest House.</p> <p>AMC for AC, TV, Landline to be done by Estate Section.</p> <p>All the suites will be provided with low end specs computer, Dr. Anirban Sarkar will take needful action in this regard.</p> <p>05 nos. lounge to be furnished by CPWD. Lounges to be developed in 2 floors.</p> <p>5 nos. of low end computers will be arranged in selected locations in open spaces.</p>	<p>The concerned persons are requested to deliberate on the developments & take necessary steps urgently.</p>	<p>Work has been initiated in this regard.</p>

38.2/34.2/33.2/..... /#30.8	<p>Augmentation of civil, electrical & audio-visual capacity including replacement of furniture of LH & LG of main academic building of NIT Durgapur.</p> <p>Furniture to be installed in the lecture halls & galleries.</p>	Procedure for handing over is in progress.	Procedure for Handing over is under process
38.2/34.2/33.2/..... /#30.9	<p>Yearly maintenance of the campus.</p> <p>Communication to be made with CPWD once again in this regard.</p>	CPWD has not yet intimated its decision to take over the yearly maintenance of the campus.	CPWD is to submit their consent in this regard.
38.2/#34.2/33.2/..... /#30.11	<p>Underground Sewer lines</p> <p>Noted that five locations for public urinals & toilet earmarked by the Estate Section and work will be started shortly by CPWD.</p>	Tender to be called after finalization of location of sewer lines.	Location of sewer lines have been discussed and finalized.
38.2/34.2/33.2/..... /#30.16	<p>(a) Structural Shed of Mechanical Engineering Dept.</p> <p>Noted that according to CPWD, 95% work completed. Remaining will be completed shortly.</p>	The structural shed of ME Dept. has been completed. Handing / taking over of the same is under process.	The shed is being used at present by the Department.
38.2/34.2/33.2 /#30.16	<p>(b) Renovation of Central Library: PE = Rs. 5.6016cr.</p> <p>Renovation works in 2nd floor completed. Lift structure completed.</p> <p>Hand over is expected to be made in February, 2020.</p>	CPWD is asked to expedite the completion of the renovation works.	The works are nearing completion soon. CPWD to provide the date of completion.
38.2/34.2/33.2 /#32.4	<p>Renovation of Old Hostels: PE = Rs. 20.8424 Cr.</p> <p>The item has been approved in the 44th FC & the 49th BOG meetings.</p>	The work can be taken up after sanction of the fund proposed under budget of 2020-21 & 2021-22.	Status and availability of sanctioned fund to be explored under budget of 2021-22

<p>38.2/#34.2/#33.2 /#32.6 + #32.10</p>	<p>Renovation of Campus Road (Concrete and flexible-Bituminous). PE = Rs.330.191 L. Comprehensive plan of covered drainage system within the campus, together with STP is proposed to be prepared & placed in B&WC. CPWD will be asked to submit PE.</p> <p>CPWD is to prepare a plan for rainwater harvesting within the campus.</p>	<p>As desired by CPWD, NIT authority shall intimate a date for discussion with STP consultant.</p>	<p>The matter is under consideration. CPWD is to prepare a plan for rainwater harvesting within the campus.</p>
<p>38.2/#34.2/#33.2 /#32.13</p>	<p>Renovation of Main Gate and North Gate Noted that : Main Gate – Structure Completed. North Gate – Work will be started shortly.</p>	<p>CPWD must initiate the work without any further delay.</p>	<p>The work at the main entrance as well as the north gate are almost complete. CPWD to inform the final status.</p>
<p>38.2/#32.17</p>	<p>Beautification of Pond area and Landscaping of the Campus. PE of similar work for an amount of Rs. 2.00 cr. (approx..) is already available from CPWD & selected part of the same may be taken up for approval of FC & BOG through Chairman (Planning).</p>	<p>Chairman (Planning) to initiate the approval of FC & BOG for the P.E. of Rs. 2.00 cr. (approx..) for a similar work already submitted by CPWD.</p>	<p>The report is under consideration of the Chairman (Planning).</p>
<p>38.2/#34.2/# 33.4</p>	<p>CONSTRUCTION OF A G+10 Stories Central Research and Academic Building. Work will be awarded shortly within December, 2019.</p>	<p>Work started on 24.12.2019. Target date for next activity i.e. completion of pile foundation including casting of pile caps, grade beams is 14.5.2020.</p>	<p>At present half of the first-floor slab casting is complete. Preparation for casting of the other half is</p>

<p>38.2/#34.4</p>	<p>Installation of Lifts, and provision of Toilets and Ramps in Main Academic Building and only Lifts at CSE and ECE Departments for Physically Impaired Students/Persons:</p> <p>The positions of lifts for MAB, ECE Dept. & CSE Dept. were noted & approved</p> <p>Work will start in the site for Main Academic Building after necessary site clearance. Estate Section to initiate necessary follow up action at the earliest.</p>	<p>Work is under progress in all the three sites for lifts.</p> <p>After finalization temporary ramps works in progress.</p> <p>Work for PWD student's toilet is in progress.</p> <p>CPWD has made a sample for demo purpose for feasibility of temporary ramp connectivity for PWD persons for access to teaching & laboratory instruction floors. However, inspection of the sample reveals that there is a hindrance to the normal movement in the corridor. Hence it is suggested that movable lift for PWD persons shall be arranged in all the floors. The matter may be taken up for discussion in the next meeting under any other matter with the permission of the Chair.</p>	<p>under progress.</p> <p>Works for all the lifts, ramps & PWD students' toilet are under progress.</p> <p>The matter on the provision of movable lift for PWD persons may be discussed as proposed.</p>
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38.2/#34.5	<p>Internal Renovation of Staff Quarters</p> <p>Noted that work is in progress.</p>	<p>Handed over 13 Nos. quarters is in progress; remaining quarters will be handed over by NIT Authorities. I/C (Estate) is to make necessary arrangements.</p>	<p>Handing over of the quarters is under progress.</p>
38.2/#35.4	<p>Augmentation of Space of CSE Department:</p> <p>Due to problems in technical feasibility of the present proposal, CPWD has been assigned the job as per the original proposal vide 34.6 & according to the minutes of 35th B&WC (#35.4) & subsequent approval from 49th FC (#49.04-01) & 54th BOG (#54.03). The A/A & E/S of P.E. for “Augmentation of Space of CSE Department by construction of Shed over the roof of Chemistry Department at NIT Durgapur(W.B.)” of Rs. 1,68,86,000/- (incl. 3% Contingencies) has been awarded to CPWD. Along with the same, 33% of the P.E. amounting to Rs.55,72,380/- only has been sanctioned as per the norms.</p>	<p>Work is in progress.</p>	<p>The project has been approved under EWS.</p>
38.2/#36.4	<p>The work is considered under EWS.</p> <p>Construction of EE Measurement Laboratory</p> <p>The existing single storey laboratory is having provision for another storey having area = 21m x 15m. It is planned to have a frame structure with brick wall having structural shed at top. PE will be submitted in the next B&WC. Placed for approval.</p>	<p>Work is in progress.</p>	<p>The project has been approved under EWS.</p>
38.2/#36.5	<p>Air Conditioning of New Academic Block (NAB)</p> <p>Tendering is under process.</p>	<p>CPWD has made inordinate delay in carrying</p>	<p>The work is under progress.</p>

			out the said work. It has been asked to take urgent measures for completion of the project.	
38.2/#37.6	<p>Special Infrastructure Development Project – 2: Smart Card</p> <p>The proposal is accepted in principle in connection with Diamond Jubilee Celebrations of the Institute. It may be taken up by Chairman (Planning) for further processing.</p>	<p>The proposal has been submitted by Chairman (Planning) for approval of the authority.</p>	<p>Proposal Submitted on Sept 2019, Not yet finalized.</p>	
38.2/#37.7	<p>Special Infrastructure Development Project – 3: Smart Water Management</p> <p>The proposal is accepted in principle in connection with Diamond Jubilee Celebrations of the Institute. It may be taken up by Chairman (Planning) for further processing.</p>	<p>The proposal has been submitted by Chairman (Planning) for approval of the authority.</p>	<p>-DO-</p>	
38.2/#37.8	<p>Special Infrastructure Development Project – 4: Smart Electricity Management</p> <p>The proposal is accepted in principle in connection with Diamond Jubilee Celebrations of the Institute. It may be taken up by Chairman (Planning) for further processing.</p>	<p>The proposal has been submitted by Chairman (Planning) for approval of the authority.</p>	<p>-DO-</p>	
38.2/#37.9	<p>Special Infrastructure Development Project – 5 : Smart Monitoring of Building</p> <p>The proposal may be submitted as a project in connection with Diamond Jubilee Celebrations of the Institute. It may be taken up by Chairman (Planning) for further processing.</p>	<p>The proposal has been submitted by Chairman (Planning) for approval of the authority.</p>	<p>-DO-</p>	

38.2/#37.10	<p>Special Infrastructure Development Project – 6: Smart Waste Management</p> <p>The proposal is accepted in principle in connection with Diamond Jubilee Celebrations of the Institute. It may be taken up by Chairman (Planning) for further processing.</p>	The proposal has been submitted by Chairman (Planning) for approval of the authority.	-DO-
38.2/#37.13	<p>Campus illumination.</p> <p>The proposal is accepted in principle. P.E. to be submitted by CPWD.</p>	Estimate will be submitted by CPWD after discussion with I/C (Estate).	CPWD is to submit the P.E.
38.2/#37.17	<p>Children's park</p> <p>The proposal is accepted in principle. However, it may be grouped centrally under amenities. P.E. to be submitted by CPWD.</p>	NIT residents to be consulted in this regard. CPWD may consult with Prof. N. B. Hui, Member PMQCC, in this regard.	No decision has been taken on the matter as yet. Source of fund is to be explored.
38.2/#37.19	<p>Landscaping & horticulture</p> <p>The proposal is accepted in principle. To be discussed in the next B&WC for provision of funding the project.</p>	CPWD may submit a revised estimate.	CPWD is to submit the estimate. The matter regarding source of fund to be discussed.
38.2/#37.22	<p>Any other matter with the permission of chair</p> <p>I. Rooftop installation of solar panels in selected areas of the campus is accepted in principle. It may be taken up by Chairman (Planning) for further processing.</p> <p>II. CPWD is to supply information regarding maintenance set up of the 1500 capacity</p>	(a) Chairman (Planning) has initiated the process of Rooftop installation of solar panels in selected areas of the campus is accepted in principle.	Proposal submitted to Registrar for consideration CPWD is to

	<p>auditorium.</p> <p>III. Arrangements to be made for shifting of 2nd & 3rd year B.Tech students to the 1250 seater boys' hostel at the earliest by the Institute.</p> <p>a) Handing over process of 1250 seater boys' hostel is continuing.</p> <p>b) Work is in progress for several ongoing projects as mentioned below:</p> <ul style="list-style-type: none"> I. 1500 capacity auditorium II. Renovation of sewer line III. Civil & electrical renovation including lift of central library. IV. Augmentation of civil, electrical & audio-visual capacity including replacement of furniture of LH & LG of main academic building of NIT Durgapur. V. Central Research Laboratory (Utkarsha Bhavan)(under HEFA) VI. 2nos. of toilet for PWD students <p>c) Internal renovation of 55 nos. LM type quarters. Handing over process of 1250 seater boys' hostel is continuing.</p> <p>d) Work is in progress for several ongoing projects as mentioned below:</p> <ul style="list-style-type: none"> VII. 1500 capacity auditorium VIII. Renovation of sewer line IX. Civil & electrical renovation including lift of central library. X. Augmentation of civil, electrical & audio-visual capacity including replacement of furniture of LH & LG of main academic 	<p>(b) Report is awaited from CPWD regarding maintenance set up of the 1500 capacity auditorium.</p> <p>(c) Chairman (Planning) to coordinate the arrangement for providing AC units in academic buildings to be taken up soon.</p>	<p>submit report</p> <p>136 Nos. already installed. For additional installation, the proposal is submitted.</p>
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38.3	<p>building of NIT Durgapur.</p> <p>XI. Central Research Laboratory (Utkarsha Bhavan)(under HEFA)</p> <p>XII. 2nos. of toilet for PWD students</p> <p>Internal renovation of 55 nos. LM type quarters.</p> <p>Progress of Various Ongoing Projects:</p> <p>(a) Handing over process of 1250 seater boys' hostel is continuing.</p> <p>(b) Work is in progress for several ongoing projects as mentioned below:</p> <p>I. 1500 capacity auditorium</p> <p>II. Renovation of sewer line</p> <p>III. Civil & electrical renovation including lift of central library.</p> <p>IV. Augmentation of civil, electrical & audio-visual capacity including replacement of furniture of LH & LG of main academic building of NIT Durgapur.</p> <p>V. Central Research Laboratory (Utkarsha Bhavan)(under HEFA)</p> <p>VI. 2nos. of toilet for PWD students</p> <p>VII. Internal renovation of 55 nos. LM type quarters.</p>	<p>a) Handing over process of 1250 Seater boys' hostel is continuing.</p> <p>b) Work is in progress for several ongoing projects as mentioned below:</p> <p>I. 1500 capacity auditorium.</p> <p>I. Renovation of sewer line</p> <p>II. Civil & electrical renovation including lift of central library.</p> <p>III. Augmentation of civil, electrical & audio-visual capacity including replacement of furniture of LH & LG of main academic building of NIT Durgapur.</p>	<p>Work is in progress for items I – VI.</p> <p>Fire NOC is pending for 1250 Seater boys' hostel.</p>
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38.4	<p>Provision of fund for the 1500 capacity auditorium. CPWD [vide letter no. 54(8) SE/Durgapur/CPWD/2020/61, dt. 21.02.2020] (Annexure 38.2) has made a demand for Rs.1.22 cr. beyond the sanctioned amount of Rs.26.78 cr. for completion of the project. The additional fund is necessary for :</p> <ol style="list-style-type: none"> I. Introduction of GST from 1st July, 2017. II. Installation of projector of minimum 20000 lumens (as recommended by PMU team) as against 12000 lumens originally considered. III. Podium fitted with touch screen for Wacom & on screen writing facility with digital pen, feed to be connected to the projector. IV. Document camera. V. 90"LED TVs (2 nos.) inside the auditorium for facilitating better view for the audience at the back. VI. Movable lift (2 nos.) for PWD & wheelchair 	<p>IV. Central Research Laboratory (Utkarsha Bhavan)(under HEFA) V. 2nos. of toilet for PWD students. VI. Internal renovation of 55 nos. LM type quarters.</p>	<p>Funding will be done as per demand placed by CPWD.</p>
		<p>a) The item may be accepted in principle with the following break-up: Item (i) 92.00 Lacs Item (ii) 30.00 Lacs Item (iii) 2.00 Lacs Item (iv) 5.00 Lacs Item (v) 26.00 Lacs Item (vi) 5.00 Lacs Total = 1.60 Crore (b) Rs. 1.00 Cr. has been allotted in the budget for the current F.Y. (c) Balance Rs. 0.60 Cr. may be considered in the budget for 2021-22.</p>	

<p>bound people, for access to stage.</p> <p>Apart from the demand of Rs.1.22 Cr. which includes item nos. (i) & (ii), the tentative cost for items (iii) to (vi) shall be around Rs.38 lakhs. Hence, total amount of Rs.1.60 Cr. which is within 10% of the sanctioned amount for which revised estimate is not required, may be considered.</p>	<p>Placed for approval of the proposal.</p> <p>Comprehensive parking facilities in NIT campus.</p> <p>The proposal was accepted in principle (#37.15). CPWD submitted a P.E. of Rs. 1, 39, 49,000/- i/c contingencies. (Annexure 38.3)</p> <p>The work may be carried out on a priority basis & based on the availability of funds.</p> <p>Presently the 1500 capacity auditorium is nearing completion.</p> <p>Understanding the urgency of the parking facility for the auditorium, it is proposed that the parking facility for the auditorium is given a priority and may be carried out in the first phase of the project.</p> <p>Placed for approval of the proposal.</p>		
<p>38.5</p>		<p>(a) A team comprising of representatives of CPWD, and NIT authority may revisit the proposed areas available inside the campus for finalization of the site & proposal.</p> <p>(b) Phases I & II for the work are to be specified.</p> <p>(c) The submitted P.E. may be considered approved. Revised P.E. may be submitted by CPWD, if necessary.</p>	<p>CPWD has submitted a P.E. of Rs. 1,39,49,000/- i/c Contingencies for this.</p> <p>After CPWD submitted PE of proposed site, the authority made visit for the proposed sites. CPWD is to submit a report on the sites.</p>

38.6	<p>Construction of Vertical Extension of Thermal Engg. Lab. The proposal was accepted in principle under EWS scheme (# 37.4). The P.E. was to be submitted by CPWD.</p> <p>CPWD has submitted a P.E. of Rs. 1,40,87,000/- i/c Contingencies. (Annexure – 38.4). Placed for approval of the P.E.</p>	The item with the P.E. has been approved under EWS by the Ministry.
38.7	<p>Mechanization of Kitchen & Modernization of dining halls with furniture. The proposal was accepted in principle in connection with Diamond Jubilee Celebrations of the Institute (# 37.11). Understanding the urgency of the project for the students, the work is now proposed to be taken under EWS. CPWD has submitted a P.E. of Rs. 6,49,82,000/- i/c Contingencies (Annexure – 38.5). Placed for consideration of the project under EWS and approval of the P.E.</p>	The item with the P.E. has been approved under EWS by the Ministry.
38.8	<p>Expansion & refurbishing of laboratories, academic departments & classrooms. The proposal was accepted in principle (# 37.12) under EWS scheme.</p> <p>The P.E. submitted by CPWD was found to be not in order & was to be resubmitted by them.</p> <p>CPWD has submitted a P.E. of Rs.8,04,89,368/- i/c Contingencies (Annexure – 38.6) for a no. of components. Understanding that there is a requirement of networking facility to be</p>	<p>(a) CPWD has submitted a revised estimate of Rs. 6.00 Cr. (excluding the provision for networking). The same may be considered approved & the various components may be taken up in order of priority.</p> <p>The item with the P.E. has been approved under EWS by the Ministry.</p>

	<p>provided, so the components of the above work may be taken up on a priority basis & a sum of Rs. 2.00 cr. Is proposed to be kept for networking facilities.</p> <p>Placed for approval of the P.E.</p>	<p>(b) A sum of Rs. 2.00 Cr. may be kept for arranging networking facility.</p>	
<p>38.9</p>	<p>Construction of Vertical Extension of the IT building (previous Administrative building)</p> <p>The Institute is suffering from an acute crunch in space for academic & research activities and faculty office in view of a large increase in the faculty strength and elective courses offered to the students.</p> <p>The IT building (previous Administrative building) that presently houses Mathematics and CSE departments, was constructed by MECON (in 2002 – 2003) with three floors with a foundation for five floors for future expansion. It is proposed to construct two additional floors (vertical extension) in the building for academic and research activities. It is proposed to complete these works from the EWS scheme.</p> <p>The P.E. of Rs 4,63,59,000/- has been submitted by CPWD (Annexure – 38.7)..</p> <p>Placed for approval of the project and the P.E.</p>	<p>(a) The proposal is accepted in principle & may be considered under EWS.</p> <p>(b) CPWD submitted a revised P.E. considering the provision of a 13-passenger capacity lift in place of the proposed 8-passenger capacity lift to accommodate PWD students. The revised P.E. amount of Rs.4,79,94,000/- may be considered approved.</p>	<p>The item with the P.E. has been approved under EWS by the Ministry.</p>
<p>38.10</p>	<p>Completion of the top two floors of Sarojini Naidu Hall of Residence including the interiors</p>	<p>The proposal is accepted in principle & may be considered under EWS.</p>	<p>The item with the P.E. has been approved</p>

	<p>Sarojini Naidu Hall of Residence (Hall 13) was handed over by CPWD and inaugurated in July 2017. The construction of the hostel was made for seven floors but the interiors were completed for five floors only and handed over to the Institute as the fund allocated was fully spent for students' accommodation.</p> <p>Due to the Covid-19 pandemic, the hostel accommodation will need a rethink towards reducing the congestion and will require an urgent expansion of hostel capacity for the girl students. The top two incomplete floors of Hall 13 have been lying unutilized for the last three years for want of funds. These floors are already constructed and will only need the remaining works like flooring, toilets, plastering and other interiors. It is proposed to complete these works from the EWS scheme.</p> <p>The P.E. of Rs 2,22,69,500/- has been submitted by CPWD (Annexure – 38.8).</p>	<p>The submitted P.E. may be considered approved.</p>	<p>under EWS by the Ministry.</p>
<p>38.11</p>	<p>Placed for approval of the project and the P.E.</p> <p>Extension of sewer line including toilet blocks at NIT Campus, Relaying & renovation of sewer lines of the academic block (old & new), library, S. N. Ray Memorial building & the building opposite to it, 1500 capacity auditorium were not considered in the earlier scope. But for better management of sewer lines all over the campus, the abovementioned zones may be considered to</p>	<p>The proposal is accepted in principle & may be considered under EWS. The submitted P.E. may be considered approved.</p>	<p>The item with the P.E. has been approved under EWS by the Ministry.</p>

	<p>be connected to the newly laid sewer lines in the campus along with construction of a few toilet blocks in selected points in the campus.</p> <p>The proposal was earlier discussed & accepted in principle (# 37.21). It is proposed to complete these works from the EWS scheme under renovation of academic departments for the enhanced intake of students.</p> <p>The P.E. of Rs 2,74,21,000/- has been submitted by CPWD (Annexure – 38.9).</p>		
<p>38.12</p>	<p>Placed for approval of the project and the P.E.</p> <p>Consideration of defect liability period (DLP) for projects under CPWD</p> <p>A letter No. Dean(P&D)/cv01/AUDITORIUM/2019/1/243/2, dt. 08.01.2019 (Annexures 38.10 & 38.11) from the then Dean (P&D) & addressed to the CPWD regarding DLP & maintenance cum operation, communicated to CPWD that post construction phase, DLP & operation & maintenance of AC, sub-stations, DG sets, pumps, electrical systems, lifts, external lighting, security related equipment, & also to be adhered to audio-visual systems & other services such that Institute can utilize these for 03 years without any hassle. CPWD may update the status of the same as the hand over process is under progress for several projects.</p>	<p>The item is accepted in principle.</p>	<p>CPWD is to update the status of the same as the hand over process is under progress for several projects.</p>
<p>38.13</p>	<p>No objection certificate (NOC) for fire-fighting</p>	<p>The item is accepted in</p>	<p>CPWD is to</p>

	<p>set up regarding handing / taking over of construction projects CPWD must provide status of the same to avoid delay in completion of the hand over process of construction projects.</p>	<p>principle.</p>	<p>provide status of the same to avoid delay in completion of the hand over process of construction projects.</p>
<p>38.14</p>	<p>Fund utilization certificate for completed works from CPWD CPWD must provide fund utilization certificates for all projects to NIT Durgapur.</p>	<p>The item is accepted in principle.</p>	<p>CPWD is to provide fund utilization certificates for all projects to NIT Durgapur.</p>

~~ANNEXURE 39.02.01~~

ANNEXURE 39.2.1

Smart Campus @NIT DGP

Proposal for Diamond Jubilee Celebration



NATIONAL INSTITUTE OF TECHNOLOGY,
DURGAPUR
2019

Smart Campus @NIT DGP

Background

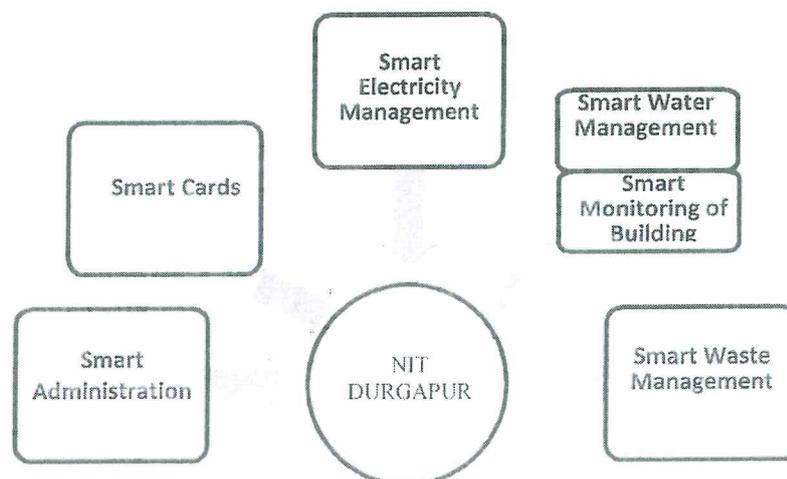
The idea of “Smart Campus” came out of the recent attention given to ‘Smart Cities’ world over and also with Government of India announcing the development of 100 smart cities which essentially are aimed at deployment of internet based applications, content management platforms and broadband infrastructures in every sphere of public systems (such as healthcare, media, energy and the environment, safety, and public services).

Academic campuses, essentially for people who are expected to be engaged in intellectual progress, knowledge creation and guiding societies for better living, could also embody principles of a smart campus. A typical smart campus would have three pillars: infrastructure, operations and, of course, people. Each of these pillars would be infused with intelligence, but more importantly they would work in an interconnected and integrated fashion to utilize resources efficiently. Such a campus could incorporate the ‘Future of Internet’ involving Internet of Things and sensor technologies as the main facilitators of smart infrastructure.

Some of the key features of such a smart campus are:

- Smart technology enabled automation
- Integrated services via dashboards
- Energy and water efficiency (Smart distribution systems, smart meters, etc.)
- Waste Management
- Foster creativity & innovation via collaboration
- Results in best practices

Smart campus @ NIT DGP has been conceived in line with the national priorities. The purpose is to make use of smart technologies in various aspects of NIT DGP Campus to minimize waste of time and resources and making them more effective.



Overall Project Cost with all the above modules:

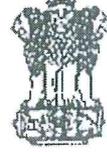
Sl No	Item Description	Total Cost (in Rs)
1	Smart Card Module	1920000.00
2	Smart Electricity Management Module	2320000.00
3	Smart Water ManagementModule	11255946.00
4	Smart Monitoring of Building Module	1000000.00
4	Smart Waste Management (Bio gas) Module	3300000.00
5	Smart Waste Management (Plastic) Module	5100000.00
Total Cost (Two Crores forty eight lakhs ninety five thousands nine hundred and forty six only)		24895946.00

ANNEXURE-39-2-2

ND 56(D-3)/SE/Durgapur / CPWD / 2019-20 / 238

ETA. 8/10/2020
ANNEXURE 39-2-2

[Signature]
SE (Admin)
30-11-20



GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT

OFFICE OF THE SUPERINTENDING ENGINEER

PRELIMINARY ESTIMATE

NAME OF WORK: Construction of car parking at NIT campus,
Durgapur, West Bengal.

ESTIMATED COST: Rs. 1, 39, 49,000/- including i/c Contingencies.

CIRCLE:- DURGAPUR.

TIME: - 9 (Nine) Months

**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT**

STATE: WEST BENGAL

BRANCH: B & R

CIRCLE:SE, Durgapur

DIVISION: NIT DURGAPUR DIVISION.

ESTIMATE NO.

NAME OF WORK: Construction of car parking at NIT campus, Durgapur, West Bengal.

Fund:

MAJOR HEAD	MINOR HEAD	DETAILED HEAD
8443		

The Preliminary Estimate framed by Sh. Manish Kumar Kanodia, Executive Engineer, (civil), NIT Durgapur Project Division, CPWD, Durgapur of the Probable cost of Rs. 1,39,49,000/- including 3% Contingencies.

REPORT

HISTORY:

This Preliminary estimate amounting Rs. 1,39,49,000/- (**Rupees One Crore Thirty Nine lacs forty Nine thousand**) only including 3% Contingencies, & 1% WB Govt. Contractor Labour Welfare Cess has been framed to cover the probable cost of the above work and accord necessary A/A & E/S of the competent authority.

This estimate has been prepared based on the proposal for "Construction of car parking at NIT campus, Durgapur" vide letter no. Dean (P&D)/B01/Parking/1 dtd 23.06.2017.

Accordingly this Preliminary estimate has been prepared amounting to Rs. 1,39,49,000/- (**Rupees One Crore Thirty Nine lacs forty Nine thousand**) only including 3% Contingencies, 1% Contract Labour Welfare Cess as per West Bengal Principal Secretary (W.B) No- 107(40) Pr/Sec dated. 17.01.2007.

DESIGN AND SCOPE:

The preliminary estimate has been prepared based on site visit done and requirement given by NIT Durgapur.

The following provisions have been kept in this estimate for building portion-

1) Services (Civil)

- a) Carrying of available earth.
- b) Leveling & rolling earth.
- c) Laying of C.C over rolled earth.
- d) PCC 1:5:10
- e) CC 1:2:4
- f) RCC 1:1.5:3 for drain cover
- g) Providing & laying of 60 mm thick factory made cement concrete interlocking paver block of M-30 grade.
- h) Steel Shed and roof sheeting
- i) Centering and shuttering.

2) Services (Electrical)

- a) LED Fittings and internal wiring
- b) Service connection

SPECIFICATIONS: The work shall be carried out as per CPWD specification 2009, Vol I to Vol -II in general with up to date correction slip.

LAND: Available.

RATE: Based on DPAR 2019 duly enhanced by @ 6% to account for the present approved cost index.

COST: Rs. 1,39,49,000/- including 3% Contingencies, the cost projected in the preliminary estimate is liable to revision due to probable escalation in cost of construction part from the other reasons, such as change in area , scope , design & specification etc., desired by the client at the later stage.

T&P: To be arranged by the Contractor.

WC ESTABLISHMENT: Will be met out of Contingencies.

METHOD:By contract after call of e-tender.

TIME: 9 (Nine) months.

24/10/20
Assistant Executive Engineer
NIT Durgapur Division

24/10/20
Executive Engineer
NIT Durgapur Division

24/10/20
Assistant Engineer (E)
Durgapur Electrical Division

24/10/20
Executive Engineer (E)
Durgapur Electrical Division

ABSTRACT OF COST

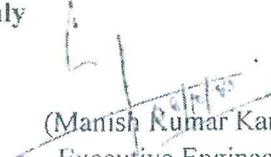
Name of work- Construction of car parking at NIT campus, Durgapur, West Bengal.

S.H. No.	Description of Item	Amount of Civil Work	Amount of Electrical Work	Total Amount
I	Main Building Work	11717542.00		11717542.00
II	Electrical work (Internal & External)		1000000.00	
	Total Rs.	11717542.00	1000000.00	12717542.00
	Add @ 1% W.B. Govt. Labour Welfare Cess O.M. No. 107(40)/ Pr. Sec. dt 17.01.07	117175.00	10000.00	127175.00
	Total Rs.	11834717.00	1010000.00	12844717.00
	Add Contingencies @ 3% (min 5 lacs)	460684.23	39315.77	500000.00
	Grand Total Rs.	12295401.23	1049315.77	13344717.00
	Add EPF @3.34%			445714.00
	Add ESI @1.19%			158802.00
	Grand Total Rs.			13949233.00

Say Rs. 13949000.00

(Rupees One crore Thirty Nine lacs Forty Nine thousand) only


(Prakhar Prashant)
Assistant Executive Engineer


(Manish Kumar Kanodia)
Executive Engineer


(Debasish Mishra)
Assistant Engineer (E)

(R. N. Kundu)
Executive Engineer (E)


(C.P. Sharma)
Superintending Engineer

ANNEXURE - 39-03

ANNEXURE - 39-3

F.No.5-3/2021-TS.H
Government of India
Ministry of Education
Department of Higher Education

Shastri Bhawan, New Delhi
Dated: the 09th April, 2021

To,
The Director,
National Institute of Technology, Durgapur,

Subject: Submission of proposal for financing Rs.29.00 crore to NIT, Durgapur under EWS Scheme - regarding.

Sir,

I am directed to refer to letter No.NITD/EWS/02/2020-21 dated 19.02.2021 forwarding therewith proposal for funding of projects under EWS Scheme and to convey the approval of the Competent Authority in this Ministry for financing Rs.29.00 crore under EWS scheme for the following projects:

S.No.	Name of the Project(s)	Amount required (Rs)
1.	Expansion and refurbishing of laboratories, academic departments and classrooms.	22,53,18,268
2.	Modernization of messes in all hostels with mechanized kitchen & furniture and networking	8,49,82,000
Total estimated expenditure		31,03,00,268
Funds to be utilized from IRG		2,03,00,268
Funds to be utilized from EWS		29,00,00,000

2. The Institute is requested to submit monthly/quarterly requirement for the above projects in the prescribed format to avail fund under EWS from Ministry of Education.

Yours faithfully,

Pawan Kumar
9/4/21

(Pawan Kumar)

Under Secretary to the Government of India

→ Registrar (1)
→ P. P. Gupta (2)
→ Chairman IFC (3)
→ JR (F&A) (4)
[Signature]
19/4/21