



## ABSTRACT

Technical Education - Announcement during the Budget Speech 2020-21 - Upgradation of Infrastructure and facilities (Construction of Classroom Complex and Compound Wall) in the Government College of Technology, Coimbatore (Platinum Jubilee Celebration) - Sanction of Funds - Orders - Issued.

### Higher Education (B1) Department

(Ms). No.172

Dated: 27.11.2020.

சார்வரி வருடம், கார்த்திகை 12,  
திருவள்ளூர் ஆண்டு 2051.

Read :-

1. Announcement made by the Hon'ble Deputy Chief Minister in the floor of the Legislative Assembly during the Budget Speech on 14.02.2020.
2. From the Director of Technical Education Letter No.07095/H5/2020, dated 28.08.2020.

#### DER:

During the Budget Speech 2020-21, the Hon'ble Deputy Chief Minister among other Announcements, has made an Announcement that a sum of Rs.10 crore will be allocated for upgradation of infrastructure and facilities at the Government College of Engineering, Coimbatore. In addition the college has number of illustrious alumni, who would be willing to contribute to the further development of the Institution. The Government will match the contribution made by the alumni during the 75<sup>th</sup> anniversary year for the development of the College".

2. In the letter second read above, the Director of Technical Education has advised that the Principal, Government College of Technology, Coimbatore has informed that the Alumni through the "GCT Alumni Association" have assured the Institution to take care of Student development activities such as

- Knowledge sharing inclusive of developing ERP Solutions and utilizing latest software for real world applications
- Product design, development and display of sophisticated machineries which will render latest cutting edge technologies to the students.
- Setting up of Innovation centre
- Developing a full-fledged Start-Up centre
- Providing career guidance and training to the students in placement activities
- Organizing hackathons, virtual internships and simulation
- Support them in getting qualified for competitive exams to enlighten their future
- Industry Academia interface - through which more connectivity with the industries, in terms of expert lecturers, innovation and research leading to filing of patents.



The environment for the setting up of the Incubation Centre. Office space for the Start-Ups, Innovation Lab Space and proper Placement Activities, Infrastructure have always been highlighted as the needs in the campus of GCT, Coimbatore.

3 In the letter second read above, the Director of Technical Education has also stated that the Chief Engineer, Technical Education Circle, Chennai has submitted the rough cost estimate of Rs.10 crore for the following work:-

Sl. No.	Name of the Work	Estimated Amount Rs. in crore
1.	Construction of Classroom Complex in the campus of Government College of Technology, Coimbatore.	8.50
2.	Construction of Compound wall for Government College of Technology, Coimbatore	1.50
Total		Rs.10.00

Hence, the Director of Technical Education has requested the Government to accord Administrative sanction and Financial Sanction for a sum of Rs.10 crore towards the construction of classroom complex (Rs.8.50 crore) and the construction of compound wall (Rs.1.50 crore) for upgradation of infrastructure facilities at the Government College of Technology, Coimbatore, which would be helpful to effectively utilize the support of illustrious alumni of GCT, Coimbatore, for the benefit of the students.

4. The Government after careful examination, accord Administrative and financial sanction for a sum of Rs.10,00,00,000/- (Rupees Ten crores only) towards the construction of classroom complex (Rs.8.50 crore) and the construction of compound wall (Rs.1.50 crore) for upgradation of infrastructure and facilities at the Government College of Technology, Coimbatore for the benefit of the students from the Existing provision made in B.E. 2020-2021.

5. The expenditure sanctioned at para 4 above shall be debited under the following Head of Account:-

2203 - 00 Technical Education - 112 Engineering / Technical Colleges and Institutes - State's Expenditure - JL Government College of Technology, Coimbatore - 309 Grants-in-Aid - 01 Grants for Current Expenditure

(Old DPC: 2203 00 112 JL 0914)  
(IFHRMS DPC: 2203 00 112 JL 30001)



6. The Director of Technical Education is authorized to draw the expenditure of Rs.10.00 crore sanctioned at para 4 above from the Budget Provision made in B.E. 2020-2021 and disburse the same to the Government College of Technology, Coimbatore. The authorisation certificate has to be sent to the DOTE/Government in due course.

7. This order issues with the concurrence of the Finance Department vide it's U.O. No.42053/Edn-I/2020, 24.11.2020.

(BY ORDER OF THE GOVERNOR)

APOORVA  
PRINCIPAL SECRETARY TO GOVERNMENT

To  
The Director of Technical Education, Chennai-25.  
The Principal, Government College of Technology, Coimbatore  
(through Director of Technical Education, Chennai-25)  
The Chief Engineer (Buildings), Technical Education Circle, Chennai-25.  
The Commissioner of Treasuries and Accounts, Panagal Building, Saidapet,  
Chennai-15.

The Accountant General, Chennai-18.  
The Pay and Accounts Officer, Chennai-35.  
The concerned Treasury Officer.  
The Resident Audit Officer/Secretariat,  
O/o. Principal Accountant General (G & SSA), Chennai-9.

Copy to:  
The Secretary to Hon'ble Chief Minister, Chennai-9.  
The Senior P.A. to Minister (Higher Education) Chennai-9.  
The PA. to Principal Secretary to Government, Higher Education  
Department, Chennai-9.  
The Finance (Edn-I/BG-I/BG-II) Department, Chennai-9.  
Sc.

//Forwarded by order//

Dr. S. Suresh  
27.11.20  
Section Officer  
Sc  
27.11.20



Description	Nos.				L	B	D	Quantity	
	1	x	2	x					
Flash Tile	1	x	2	x	1	50.07		0.15	15.02
Portico	1	x	1	x	1	6.47	4.00		25.88
Flash Tile	1	x	1	x	1	20.94		0.15	3.14
Head Room	1	x	1	x	1	5.22	3.00		15.66
Flash Tile	1	x	1	x	1	16.44		0.15	2.47
Lift Roof	1	x	1	x	1	4.33	2.30		9.96
Flash Tile	1	x	1	x	1	10.96		0.15	1.64
									Add extra 5.22
									Total 1068.00 m <sup>2</sup>

Supplying and fixing in position best approved of ISI quality of following dia of PVC rain water down fall pipes having a working pressure of 4 kg / sq.cm including cost of necessary PVC shoe, PVC bend, C.I. gratings of required dia. and special clamps, brass screws, nails etc., and fixing of cast iron gratings at junction of parapet and the RCC roof slab including finishing neatly etc., complete. The rate shall be inclusive of cost of removable iron grating. The PVC pipe shall be fixed on wall with special type of clamps. Special type "U" clamp at the centre of the pipe line shall be fixed in addition to those for more than 3.0M pipe length complying with standard specification.

110 mm dia (In building with ground floor only)									
Building around	1	x	1	x	25	15.90			318
Corridor Side	1	x	1	x	15.90			127.2	397.50
Head Room	1	x	1	x	1	2.70			2.70
Portico	1	x	1	x	1	4.80			4.80
									Add extra 3.10
									Total 583.00 Rm
									456

Plastering with Cement Mortar 1:5 (One cement and Five M -sand), 12mm thick in all floors including curing etc. complete complying with standard specification and as directed by the departmental officers.

AS per Item No 6 Brick Work									170
Foundation & Basement									<del>170.00</del> 170
Super Structure in Ground Floor									208.00
Super Structure in First Floor									220.00
Super Structure in Second Floor									220.00
Super Structure in Third Floor									188.00
Super Structure in Forth Floor									58.00
									1064.00 m <sup>3</sup>
						1064.00	1.023	4626.11	m <sup>2</sup>
									(+) 740
									(-) 1050
Plastering Area based on bw	1	x	1	x	(2	4626.11)	- Buds etc.		9252.21
									Add Extra 7.79
									Total 9260.00 M <sup>2</sup>

Special ceiling plastering and finishing the exposed surface of all RCC items of work such as slabs, beams, sunshades, fascia, canopy slab, staircase waist slab, landing slab etc., with Cement Mortar 1:3 (One Cement and Three M-Sand) 10mm thick including hacking the surfaces, providing cement mortar nosing, beading for sunshades, staircases, steps, landing slabs and curing, etc., in all floors complying with standard specification and as directed by the departmental officers

GF,FF,SF,TF -Roof slab									
Middle Block -Left and Right side	4	x	1	x	2	19.87	8.00		1271.68
Beam Side	4	x	2	x	10	8.00		0.48	307.20
Beam Side	4	x	1	x	8	3.62		0.23	26.64
Beam Side	4	x	1	x	24	3.00		0.18	51.84
Column	4	x	1	x	14	0.84		3.48	163.70
Column	4	x	1	x	14	0.30		3.48	58.46
Corridor	4	x	1	x	2	19.87	2.28		362.43
Column	4	x	1	x	12	0.30		3.48	50.11
Corridor Column	4	x	1	x	12	1.06		1.3	66.14



129

Description	Nos.	L	B	D	Quantity
<p>Applying and fixing in position of the following UPVC specials best approved quality conforming to BIS and providing leak proof joints with PVC adhesive etc., including fixing to walls with necessary teak wood plugs screws etc., and giving connections to the UPVC pipe dismantling the brick masonry RCC floor or roof slab and redoing the disturbed portion to original conditions etc., complete complying with standard specification. (The UPVC specials should be got approved from Executive Engineer before use on works).</p>					
UPVC Union	1 x 1 x 1 x 15				15.00 Nos
40mm Dia	1 x 1 x 1 x 18				18.00 Nos
PVC Elbow	1 x 1 x 1 x 30				30.00 Nos
40mm Dia	1 x 1 x 1 x 28				28.00 Nos
50mm Dia	1 x 1 x 1 x 35				35.00 Nos
10mm to 15mm dia UPVC Reducer nipple					
10mm Distributer Line	1 x 1 x 1 x 75				75.00 Nos
PVC Coupling					
40mm Dia	1 x 1 x 1 x 15				15.00 Nos
50mm Dia	1 x 1 x 1 x 10				10.00 Nos
60mm Dia	1 x 1 x 1 x 12				12.00 Nos
UPVC Tee					
40mm Dia	1 x 1 x 1 x 25				25.00 Nos
50mm Dia	1 x 1 x 1 x 38				38.00 Nos
60mm Dia	1 x 1 x 1 x 32				32.00 Nos
UPVC Reducer Elbow					
40mm x 25mm	1 x 1 x 1 x 36				36.00 Nos
50mm x 20mm	1 x 1 x 1 x 30				30.00 Nos
UPVC Reducer Tee					
40mm x 25mm	1 x 1 x 1 x 18				18.00 Nos
50mm x 20mm	1 x 1 x 1 x 22				22.00 Nos
<p>Applying and fixing in position best quality and approved variety of new Gun Metal Gate Valve heavy type excluding the painting charges but including necessary cutting &amp; threading of GI pipes for jointing the GI specials and providing two coats of painting with good quality and approved variety of anti-corrosive paint over a coat of red oxid primer coat in the case of pipe line above ground level and one coat of tarring in the case of pipe line below ground level etc., complete</p>					
80mm Dia - Gate Valve	1 x 1 x 1 x 12				12.00 Nos
100mm Dia - Gate Valve	1 x 1 x 1 x 6				6.00 Nos
150mm Dia - Gate Valve	1 x 1 x 1 x 6				6.00 Nos
<p>Supplying and Fixing of PVC ready made water tank of approved quality with standard specification and best brand including testing for leakages after making installations and connections. The cost inclusive of lid and lock with bolt and nuts for PVC tank, transportation, loading, unloading, lifting, installation and necessary connections etc., complete complying with standard specifications and as directed by the departmental officers. (The PVC Water Tank should be got approved by the Executive Engineer before use on works).</p>					
1000 Liter	1 x 1 x 1 x 2			1000.00	2000.00
Total					2000.00
<p>Supply and fixing in position best quality PVC Soil/ waste pipes 6 kg / sqcm of various size (Below Ground Level) having SI mark and providing leak proof joints, complying with standard specification etc., complete.</p>					
60mm dia - PVC pipe					33.00
Toilet-I to Chamber Connection line	1 x 1 x 1 x 1			33.00	36.00
Toilet-II to Chamber Connection line	1 x 1 x 1 x 1			36.00	84.00
Chamber to Septic Tank	1 x 1 x 1 x 2			42.00	153.00
Total					153.00 Rm
<p>Supply and fixing in position best quality PVC Soil/ waste pipes 6 kg / sqcm of various size (Above Ground Level) having SI mark and providing leak proof joints including fixing to the wall with special PVC /MS clamps, etc., and making connection to all sanitary fittings, dismantling masonry / RCC works wherever necessary and making good the dismantled portion to the original condition, complying with standard specification etc., complete.</p>					
100mm dia - PVC pipe					14.40
WC Room	1 x 1 x 1 x 12			1.20	199.20
Waste line outer	1 x 1 x 1 x 12			16.60	9.60
Staff Toilet GF	1 x 1 x 1 x 2			4.80	



Qty.		Description of Items	Rate	per	Amount
		Supplying and fixing in position best quality and approved variety of new Gun Metal Gate Valve heavy type excluding the fixing charges but including necessary cutting & threading of GI pipes for jointing the GI specials and providing two coats of painting with good quality and approved variety of anti-rustive paint over a coat of red oxid primer coat in the case of pipe line above ground level and one coat of tarring in the case of pipe line below ground level etc., complete	1389.34		
12.00	Nos	40mm Dia -Gate Valve	117.45	No	1409.40
6.00	Nos	32mm Dia -Gate Valve	1176.30	No	7058
6.00	Nos	25mm Dia -Gate Valve	906.28	No	5438
		Supplying and Fixing of PVC ready made water tank of approved quality with standard specification and best brand including testing for leakages after making installations and connections. The cost inclusive of lid and lock with bolt and nuts for PVC tank, transportation, loading, unloading, lifting, installation and necessary connections etc., complete complying with standard specifications and as directed by the departmental officers.(The PVC Water Tank should be got approved by the Executive Engineer before use on works).	8.60	No	17200
2000.00	Lit	(1 No)			
		Supply and fixing in position best quality PVC Soil/ waste pipes 6 kg / sqcm of various size (Below Ground Level) having ISI mark and providing leak proof joints, complying with standard specification etc., complete.	635.75	No	97270
153.00	Rm	160mm Dia PVC pipe ✓			
		Supply and fixing in position best quality PVC Soil/ waste pipes 6 kg / sqcm of various size (Above Ground Level) having ISI mark and providing leak proof joints including fixing to the wall with special PVC /MS clamps. etc., and making connection to all sanitary fittings, dismantling masonry / RCC works wherever necessary and making good the dismantled portion to the original condition, complying with standard specification etc., complete.	411.15	Rm	106899
260.00	Rm	110mm dia -PVC pipe ✓	318.15	Rm	34997
110.00	Rm	75mm dia -PVC pipe			
		Supplying and fixing in position of the following PVC specials best approved quality conforming to BIS and providing leak proof joints with PVC adhesive etc., including fixing to walls with necessary teak wood plugs screws etc., and giving connections to the PVC pipe dismantling the brick masonry RCC floor or roof slab and redoing the disturbed portion to original conditions etc., complete complying with standard specification.(The PVC specials should be got approved from the Executive Engineer before use on works).	59.20	No	1066
18.00	Nos	75mm Door Elbow	106.60	No	853
8.00	Nos	75mm Door Tee	112.30	No	1348
12.00	Nos	110mm Door Elbow	159.80	No	7670
48.00	Nos	110mm Door Tee	70.00	No	1400
20.00	Nos	110mm cowl			



Qty.	Description of items	Rate	per	Amount
1856	supplying and fixing in position best approved of ISI quality of following dia PVC rain water down fall pipes having a working pressure of 4 kg / sq.cm including cost of necessary PVC shoe, PVC bend, C.I. gratings of required dia and special clamps, brass screws, nails etc., and fixing of cast iron gratings at junction of parapet and the RCC roof slab including finishing neatly etc., complete. The rate shall be inclusive of cost of removable iron grating. The PVC pipe shall be fixed on wall with special type of clamps. Special type "U" lamp at the centre of the pipe line shall be fixed in addition to those for more than 3.0M pipe length complying with standard specification.	486.50	Rm	283630
9610.00	plastering with Cement Mortar 1:5 (One cement and Five P -sand), 12mm thick in all floors including curing etc. complete complying with standard specification and as directed by the departmental officers.	216.40	m <sup>2</sup>	2079605
8935	Special ceiling plastering and finishing the exposed surface of all RCC items of work such as slabs, beams, sunshades, facia, canopy slab, staircase waist slab, landing slab etc., with Cement Mortar 1:3 (One Cement and Three M-Sand) 10mm thick including hacking the surfaces, providing cement mortar nosing, beading for sunshades, staircases, steps, landing slabs and curing, etc., in all floors complying with standard specification and as directed by the departmental officers	247.55	m <sup>2</sup>	1847960
16410	Painting two coats of newly plastered wall surface with ready mixed plastic emulsion paint of first class quality and of approved colour over a priming coat including thorough scrapping, clean removal of dirt, and including necessary plaster of paris putty, wherever required etc., complete complying with standard specification.	203.95	m <sup>2</sup>	3059249
66.00	Stainless Steel (Salem Stainless Steel) Door Frame (Box Section using Stainless Steel Plate of 1mm thick) of size 100mm x 60mm with a rebate of 30 / 35mm x 15mm on one side of the frame including supplying and fixing dovetail splayed end stainless steel Hold fast etc	900.00	m <sup>2</sup>	59400
278.00	Fabricating supplying and fixing in position CRCA pressed steel box section 18 gauge or 1.25mm thick for door frames including providing holes and fixing wooden blocks for fixing furniture and fittings	517.65	m <sup>2</sup>	143907
148.00	Supplying and fixing in position of 35mm Solid Core Flush shutters with commercial ply on both side with teakwook lipping alround 35mm thick and with TW lipping of size 35x12mm on all edges with necessary adhesives and C.P. Screws. Alu. Butt Hinges (6 nos. 250 x 16 mm Size), Alu. Aldrop 1 No. 250 x 16 mm Size, Alu. Tower Bolt 2 No. 250 x12 mm size. alu. Tower Bolt, 1 No. 200 x 12 mm size, D type alu. Handle 2 Nos, 2 Nos. of 200mm length alu. door stopper with rubber bush shall be provided, as directed by the departmental officers etc., complete.	2595.05	m <sup>2</sup>	384054



Qty.	Description of items	Rate	per	Amount
10:00 M2	Supplying, laying and jointing glazed stone ware pipes of the following dia of approved quality with spigot and socket ends and fixing them in dry condition using spun yarn and cement including petty masonry shoring and strutting wherever found necessary and laying the pipe line in the alignment at the specified gradient and testing with necessary tools and plants, etc., and re-filling the trench with excavated earth and levelling the ground etc., complete complying with standard specifications. (Earth work excavation, re-filling with excavated earth will be measured and paid separately). 150mm dia stoneware	251.55	M2	2516
180.00 M2	Plastering with cement mortar 1:3 (one cement and three sand) 12mm thick with WPC 2% by weight of Cement etc. complete complying with standard specification and as directed by the departmental officers.	237.60	M2	42768
	<b>TOTAL CIVIL WORK VALUE</b>			64347010 64205193
	<b>Value of Electrical works</b>			7188190 7398602
	<b>Sub total</b>			71555205 71603795
	<b>ADD GST 12 % FOR CIVIL VALUE</b>			8584224 8592455
				80119624 80196250
72	LS Provision for approach road, Rain Water Harvesting Structure and Diversion of existing storm water Drainage arrangement		LS	500000
73	LS Provision for Front Elevation and Main Door arrangements		LS	500000
74	LS Provision for laboratory and Fire Fighting arrangement		LS	500000
75	LS Provision for Advertisement Charges		LS	150000
76	LS Provision for Soil Investigation		LS	62000
77	LS Provision for Foundation stone laying and inaguration		LS	900000
78	LS Provision for PS charges		LS	850000
79	LS Provision for Labour welfare fund @ 1.0%		LS	900000
80	LS Provision for Price adjustment and Bonus clause		LS	505570 428750
81	LS Provision for unforeseen items		LS	8500000
	<b>TOTAL</b>			85000000

(Rupees Eight Crores and Fifty Lakhs Only)

Assistant Engineer, PWD  
Technical Education Division  
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Assistant Executive Engineer, PWD,  
Technical Education Sub Division-I  
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Principal  
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Executive Engineer, P.W.D.,  
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04/12/2020



