

**PROCEEDINGS OF THE COMMISSIONER OF COLLEGIATE
EDUCATION: TELANGANA STATE, HYDERABAD**

Present: Navin Mittal, IAS

Sub: Collegiate Education–TARA Government Degree College (A) Sangareddy–Permission to utilize accumulated funds of the college towards Civil Works (for Construction of 18 Class Rooms (G+2) and Toilet Blocks) as per estimates of the Executive Engineer, TSEWIDC, Sangareddy– Orders -Issued.

Read: Lr.Rc.No.284-1/TGC-SRD/2019-20, dated:19.06.2020 received from the Principal, TARA Government Degree College (A), Sangareddy.

In the circumstances reported by the Principal, TARA Government Degree College(A),Sangareddy in the reference read above, the Commissioner of Collegiate Education has accorded permission to Principal, TARA Government Degree College (A), Sangareddy to utilize an amount of **Rs.3,40,00,000/- (Rupees Three Crores and Forty Lakhs only)** from the available accumulated funds of the college towards Civil Works (for Construction of 18 Class Room Block(G+2) Each floor with 6 rooms and Separate Toilet Blocks for Ladies & Gents for Each Floor) as per Estimates of the Executive Engineer, TSEWIDC, Sangareddy.

The Principal,TARA Government Degree College (A), Sangareddy is informed to follow the rules and guidelines while incurring the expenditure from the accumulated funds of the college and maintain the books of accounts properly and produce the records to the Audit whenever it takes place and report compliance.

(Orders of the CCE have been obtained in the note file)

Signature Not Verified

Digitally signed by YADAGIRI GOSIKA

Date: 2020.07.03 17:04:50 IST

Reason: Approved

For Commissioner of Collegiate Education



To

The Principal, TARA Government Degree College (A), Sangareddy,
Sangareddy District.

Proceedings of the Commissioner of Collegiate Education, Hyderabad
Present : Sri Navin Mittal, IAS

Sub: Collegiate Education - Administrative Sanction issued towards taking up the barbed wire fencing and excavation of trench at boundaries @ Rs. 2,15,000/- (Rupees Two Lakh Fifteen Thousand only) and completion of partially constructed TSKC Building at Rs.18,00,000/- (Rupees Eighteen Lakhs only) aggregating to Rs.20,15,000/- (Rupees Twenty Lakhs Fifteen Thousand only) out of accumulated funds of the college - Orders Issued - Regarding.

Ref: Letter from the Principal, TARA Government College (A), Sangareddy dated 14.03.2021 and another Letter from the Principal, TARA Government College (A), Sangareddy dated 26.02.2022.

Vide reference cited, the Principal, TARA Government College (A), Sangareddy has requested to accord Administrative Sanction for taking up the barbed wire fencing and excavation of trench in the place at boundaries of the college while submitting detailed estimates of Executive Engineer, TSEWIDC, Sangareddy to the tune of Rs.2.15 lakhs out of accumulated funds of the college.

Vide reference cited, the Principal, TARA Government College (A), Sangareddy has requested to accord Administrative Sanction for completion of partially constructed TSKC Building at an estimated cost of Rs.18.00 Lakhs while submitting detailed estimates of Executive Engineer, TSEWIDC, Sangareddy out of accumulated funds of the college.

Under the circumstances, the Commissioner of Collegiate Education, Hyderabad, is pleased to accord Administrative Sanction taking up the barbed wire fencing and excavation of trench at boundaries @ Rs. 2,15,000/- (Rupees Two Lakh Fifteen Thousand only) and completion of partially constructed TSKC Building @ Rs.18,00,000/- (Rupees Eighteen Lakhs only) aggregating to Rs.20,15,000/- (Rupees Twenty Lakhs Fifteen Thousand only) out of accumulated funds of the college.

The Principal, TARA Government College (A), Sangareddy, is instructed to follow the procedures and rules in vogue and report compliance.

**Signed by D Thiruvengala
Chary**

Date: 22-03-2022 17:44:36
Reason: Approved

To
The Principal
TARA Government College (A)
Sangareddy.

Proceedings of the Commissioner of Collegiate Education, Hyderabad
Present : Sri Navin Mittal, IAS

Sub: Collegiate Education - Permission accorded to utilize Rs.4,89,391/- (Rupees Four Lakhs Eighty Nine Thousand three hundred ninety one only) towards construction of Obstacle course for NCC - Orders Issued - Regarding.

Ref: 1. File No. CCE-AC/AF/72/2020-Academic Cell Dated 23.11.2021
2. Letter of the Principal, TARA Government Degree College (A), Sangareddy

Vide reference 2nd cited, the Principal, TARA Government Degree College (A), Sangareddy has requested to cancel the previous proceedings File No.CCE-AC/AF/72/2020-ACADEMIC CELL dated 23.11.2021 issued for Rs.4,11,599/- towards construction of obstacle course for NCC and further requested to issue orders for Rs.4,89,391/- as TSEWIDC, Sangareddy has resubmitted revised estimates for the same work while meeting cost out of the accumulated funds of the college.

Under the circumstances, the Commissioner of Collegiate Education, Hyderabad, is pleased to accord permission to utilize Rs.4,89,391/- (Rupees Four Lakhs Eighty Nine Thousand three hundred ninety one only) towards construction of Obstacle course for NCC out of accumulated funds of the college.

With the issue of this proceeding, the proceedings under reference 1st cited stands cancelled.

The Principal, TARA Government Degree College (A), Sangareddy, is instructed to follow the procedures and rules in vogue and to report compliance.

**Signed by D Thiruvengala
Chary**

Date: 13-04-2022 14:24:09

Reason: Approved

For Commissioner of Collegiate Education

To
The Principal
TARA Government Degree College (A)
Sangareddy.

**PROCEEDINGS OF THE COMMISSIONER OF COLLEGIATE EDUCATION
TELANGANA STATE, HYDERABAD**

Present: Sri. Navin Mittal, IAS

Sub: Collegiate Education -TARA Government Degree College (A),
Sangareddy -Errata- Orders Issued.

Ref: File No.CCE-AC/AF/72/2020-ACADEMIC CELL, dated 17.12.2021.

Vide reference cited, the CCE had accorded permission to the Principal, TARA Government Degree College, Sangareddy to complete the balance work of the Indoor Stadium to the tune of Rs.27.50 Lakhs (Rupees Twenty Seven lakhs fifty thousand).

Further, in the last para the line "the Principal is instructed to reimburse the amount of Rs.27.50 Lakhs on receipt of the final installment from the University Grants Commission", may be read as "the Principal is instructed to recoup an amount of Rs.6.00 Lakhs on receipt of the final installment from the University Grants Commission".

(Orders of the CCE have been obtained in the note file)

**Signed by D Thiruvengala
Chary**

Date: 12-05-2022 12:27:39

Reason: Approved

For Commissioner of Collegiate Education

To

The Principal, TARA Government Degree College (A), Sangareddy

Proceedings of the Commissioner of Collegiate Education, Hyderabad
Present : Sri Navin Mittal, IAS

Sub: Collegiate Education - Permission accorded to utilize an amount of Rs.14,85,021/- (Rupees Fourteen Lakhs Eighty Five Thousand and Twenty One only) out of accumulated funds of the college towards procurement and installation of solar roof paneling for 30 KW by TSREDCO - Orders Issued - Regarding.

Ref: Letter from the Principal, TARA Government College (Autonomous), Sangareddy.

Vide reference cited, the Principal, TARA Government College (A), Sangareddy has requested to accord permission to utilize an amount of Rs.14,85,021/- (Rupees Fourteen Lakhs Eighty Five Thousand and Twenty One Only) out of accumulated funds of the college towards solar roof paneling for 30 KW under renewable energy category while submitting estimates given by TSREDCO). It is informed that the accumulation in the college is Rs.6,90,30,847.00.

Under the circumstances the Commissioner of Collegiate Education, Hyderabad, is pleased to accord permission to utilize an amount of Rs. 14,85,021/- (Rupees Fourteen Lakhs Eighty Five Thousand and Twenty One Only) out of accumulated funds of the college towards solar roof paneling for 30 KW under renewable energy category as per the estimates of TSREDCO.

The Principal, TARA Government College (Autonomous), Sangareddy is instructed to follow the procedures and rules in vogue and report compliance.

**Signed by D Thiruvengala
Chary**

Date: 28-05-2022 13:35:43

Reason: Approved

For Commissioner of Collegiate Education

To
The Principal
TARA Government College (Autonomous)
Sangareddy.

DETAIL PROJECT REPORT (DPR)

Submitted to

NABARD

Through The

Hon'ble Commissionerate of Collegiate Education, Telangana

And

Project Director, RUSA



**TARA GOVERNMENT COLLEGE, SANGAREDDY
(AUTONOMOUS)
(ISO 9001:2015 CERTIFIED INSTITUTION)
SANGARESSY- 5020001 SANGAREDDY DISTRICT
TELANGANA STATE**

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TARA GOVERNMENT COLLEGE (AUTONOMOUS)

(Sangareddy District Identified College & District Resource
Centre)

(Affiliated to Osmania University & Accredited by NAAC with 'B' grade, 2.75 CGPA)

SANGAREDDY-502 001, SANGAREDDY (Dt.), T.S. E-

mail: prl-gdc-srd-ce@telangana.gov.in , website: <https://ccets.cgg.gov.in/>

M. Praveena, M.A. PGDTE, BCJ
Principal (FAC)

Mobile : 9966424593
Mail : tara.sangareddy@gmail.com

Lr. Rc. No. 90 /TGC-SRD/2019-20

16 Dec 2021

To

The Hon'ble Commissioner,
Commissionerate of Collegiate Education, Telangana,
Nampally, Hyderabad- 500001

Sir,

Sub : Tara Government college Sangareddy(A)- NABARD- request for assistance for 82 new classrooms Reg.

Our college has been established in 1977 and has 3502 students. It is one of the top ten colleges in UG admissions. It is one of the 9 Government autonomous colleges in the state. Hon'ble Commissioner sir has already sanctioned 18 classrooms, which are under construction. All these achievements are possible because of the incessant support by the hon'ble CCETS and RUSA Project Directorate, Telangana.

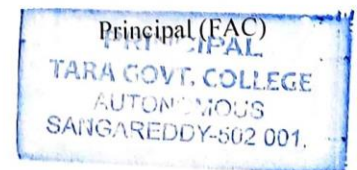
Your kind authorities permitted us to send the proposal for 82 new class rooms for the approval of NABARD through your kind office. The request letter for estimates was sent. We received the detailed estimates for 78 new rooms (68 class rooms + 10 labs).

In this regard, I humbly request you to accept the DPR enclosed with this letter.

I will be ever grateful to you for your kind consideration.

Yours faithfully

M. Praveena



College Profile

TARA GOVERNMENT COLLEGE

(AUTONOMOUS)

(ISO 9001:2015 CERTIFIED)

(Affiliated to Osmania University & Accredited by NAAC with „B“ grade, 2.75 CGPA)

SANGAREDDY-502 001, SANGAREDDY (Dist), T.S., INDIA

Website: <https://gdcts.cgg.gov.in/sangareddy.edu> E-mail: prl-gdc-srd-ce@telangana.gov.in,

ABOUT THE COLLEGE

PART I: BACKGROUND OF THE INSTITUTION

As we flip through the pages of history “Sangareddy”, formerly known as Sangareddypeta and dates back to 2nd B.C to 1st A.D of Shalivahana reign. It has cherished its cultural heights under the rule of Sangha Bhupala. Since then, Sangareddy carved a niche for itself in the Telangana State. Subsequently Tara Government College, Sangareddy which was named after **Smt. Tara Swaroop**, who donated Rs. 2 Lakhs towards corpus fund during the inception of the college added a feather in the cap of Sangareddy. It has started imparting higher education at Two levels, viz., UG and PG with 40 varied disciplines in the U.G stream and 10 in the P.G stream. Since then, the college has made rapid stride from 232 to 2846 students. Now Tara Government College is acknowledged as a premier institution of higher education and affiliated to **Osmania University**. The college was recognized as an Autonomous College in 2015 in which year the UGC expert committee visited the college and recommended Autonomous status for the college. The College is committed to cater the needs of the all stakeholders of the society. Housed in large buildings with built in area of **96,000 Sq.ft** on a beautiful campus of 22 acres.

Sensing the market needs, restructured courses were added in 1998. The principal and dynamic team of faculty contribute significantly to the fulfillment of the academic programmes.

Since its inception, Tara Government College, Sangareddy has seen tremendous academic progress and students won many Laurels from across the society. The college is one of the few chosen to start the pilot project of National Service Scheme (**NSS**) and the National Cadet Corps (**NCC**). The college Library has nearly 18,578 books. The college has the distinction to introduce the Telangana Skill and Knowledge Centre (**TSKC**), a unique program of the Government of Telangana which enhances the employability. Hon’ble Commissioner of Collegiate Education has reached an MoU with Telangana Academy for Skills and Knowledge (TASK). As part of this, the college has been offering Skills for employability to students.

The Commissionerate of Collegiate Education (**CCE**), recognizing its academic and administrative

excellence, identified this college as a “Identified College” (**ID College**) & District Resource Centre (**DRC**) from where it discharges several academic and administrative functions in monitoring all the 07 Government Degree Colleges in the district.

NAAC ACCREDITATION

In recognition of its academic quality and excellence, the National Assessment and Accreditation Council (NAAC) has accredited the College with B+ grade in March, 2006 and reaccredited with “B” grade by NAAC (CGPA 2.75 on four points scale) in March 2013.

CURRICULAR ASPECTS

The college has been serving the society for more than 4 decades. It has become the first autonomous college in the district.

All the departments have BoS and entire administrative structure was remodeled to suit the needs of autonomy. The college opted for CBCS which gives a lot of scope for improvement. We have enrolled with SWAYAM and IIT Bombay MOCCS to improve the computer literacy among the students & staff. The students of college who excel in their academics are given incentives in the form of cash prizes. The students who get admission into PG courses of Central universities are given Rs. 50,000/- a year and a laptop as an incentive by the Commissionerate of Collegiate Education, Telangana.

TEACHING-LEARNING AND EVALUATION

Admission process is conducted through DOST.

The college follows transparency in admission process. The admissions into college have been made on-line since 2016. The college ensures that all the students from disadvantaged sections of society and 93% of the students are drawing scholarships. Experiential learning is encouraged and students participate in the study projects. Eight student study projects won state level awards under the JIGNASA Student Study Projects.

The college has adopted external paper setting and evaluation. This ensures absolute transparency and objectivity. The library has copious volumes of books. The students can use and benefit by using INFLIBNET N- LIST. Student centered methodology is followed. Sixteen teachers have enrolled themselves into Ph.D. programmes.

Students and staff of the college have presented MANA TV live sessions.

RESEARCH

The teaching staff have 13 PhDs.' and more than 20 qualified UGC/SLET/NET. The online resource such as INFLIBNET, N- LIST and plethora of e- books are available. Students of departments of English, Political science, Economics, History, Commerce, Political Science, Chemistry, Computer Science have been awarded state first prizes in **Students Study Projects (Research)**

The Department of Commerce and Department of Computer Science organized two National Seminars sponsored by ICSSR

Apart from this various departments of the college organized many national level, state level, District Level and college level research related activities (including webinars). Various departments reached MOU's (18) with reputed and service-oriented organizations.

INFRASTRUCTURE

The college has potential to grow and serve the society. A separate four roomed block was constructed and six more rooms in the second floor were renovated by utilizing RUSA funds. The Hon'ble Commissioner of Collegiate Education has sanctioned Eighteen new rooms. The constructions will be completed soon.

Virtual class room was sanctioned by the CCE, T.S. The college also has LCD projectors and interactive white boards. Fifteen computers were exclusively allocated for improving the digital literacy in the library. INFLIBNET N-LIST Subscription Access to E-Resources, E-Books and e-resources. Students can access INFLIBNET.

STUDENT PROGRESSION

Mentor mentee system is practiced in the college. More than ninety percent of students have been receiving welfare scholarships and bus passes. One of our students participated in the National Integration Camp along with the NSS Coordinator. Our students also participated in NCC, RD Parade , Thal Sainik Camp, Trekking camps, International Boxing Championships, National Fencing championships. Mr. Shyam Prasad, B.Com, II year ascended Mount Kilimanjaro on 05.09.2019. The Grievance Redresscell looks after genuine complaints and suggestion of the students. Not a single incident of ragging was reported. The college has an active women empowerment cell. To check the menace of sexual harassment, Internal Compliance Committee was established.

GOVERNANCE

The college has a well-articulated vision and mission. With the college embarking on autonomous status new administration has come into focus. Boards of Studies were formed. They adopted new syllabi in their respective subjects. The Academic council and Governing Body were formed. The

syllabi (including certificate) and courses examination pattern of the BOS were ratified. The Governing Body formulates policies. All the syllabi have been transacted and evaluated as per CBCS in Autonomous mode.

The devolution of responsibilities has been executed and administered by the way of 56 committees /cells. Each committee/ club /cell has its own pre-determined roles and responsibilities.

The IQAC looks after the quality initiatives. It drives the institution towards quality goal. It helps the college in attaining and sustaining quality.

ENVIRONMENTAL INITIATIVES AND BEST PRACTICES:

The campus is lush green with salubrious environment. The campus has become eco-friendly. Water harvesting mechanism is implemented. Percolation or recharge pits were constructed in the campus. The college has three NSS units. Efforts are on to minimize the use of plastic material and petroleum by-products. 3000 saplings were planted by NSS volunteers. Harithaharam and Swachh Bharath have been observed and students actively take part in it.

II. PROFILE OF THE COLLEGE IN A NUT SHELL :

AUTONOMOUS STATUS	:	From the Academic Year 2016-17
1. Year of Establishment	:	1977
2. Campus Area (in acres)	:	22 Acres
3. Built-in area	:	Two Buildings with 96,000 sft
4. Particulars of Teaching Staff	:	85 (Regular-35, Contract Lecturers-11, Guest Lecturers-29, Academic Consultants-20)
4. Particulars of Non-Teaching Staff	:	29 Sanctioned (Working: Regular-13, Out Sourcing-9)
5. No. of departments	:	21
6. Academic Programmes offered		
U.G (B.A / B.Sc/B.Com/BBA) Courses	:	50
P.G. Courses (M.Sc/M.A/M.Com.)	:	10
7. College Recognized under UGC 2(f) & 12 (B) Sections in 2007 as per the1956 UGC Act.		

III. COURSES OFFERED:

UG COURSES

S.No	Course	Medium	Sanctioned Strength
1	B.A. any 3 Subjects from (History/Mathematics-Economics- Psychology(MOOCs)/ Political Science-Computer Applications/ PublicAdministration/ Sociology(MOOCs)/ Geography(MOOCs)/ Mass Communication& Journalism(MOOCs))-3310	English	120
2	B.A. any 3 Subjects from (History-Economics-Political Science-Computer Applications/ Public Administration)-1310	Telugu	120
3	B.B.A.(Bachelor of Business Administration)-30112	English	60
4	B.Com.(Computer Applications)-30172	English	480
5	B.Sc. Life Science any 3 Subjects from (Micro Biology/ Botany-Zoology- Psychology(MOOCs)/ Chemistry-ComputerScience/ Bio-Technology)-3312	English	300
6	B.Sc. Physical Science any 3 Subjects from (Mathematics-Physics/ Economics-Statistics/ Chemistry-Computer Science/ Geology)- 3311 B.Sc. Physical Science(Mathematics-Statistics-Data Science)-33332	English	420
			1500

P.G Courses

S.No	Course	Medium	Sanctioned Strength
1	M.A English	English	60
2	M.A Telugu	Telugu	60
3	M.A Economics	English	60
4	M.A Political Science	English	60
5	M.Com Commerce	English	60
6	M.Sc. Mathematics	English	60
7	M.Sc Physics	English	60
8	M.Sc. Organic Chemistry	English	60
9	M.Sc. Botany	English	60
10	M.Sc. Zoology	English	60

Tara Govt College (A) Sangareddy
Strength particulars for the year 2020-21

Sl.No	Course	Group	Medium	Strength			Total
				I	II	III	
1	B.A	B.A.(Computer Applications-Economics-Political Science)	English	3	0	4	7
2		B.A.(Computer Applications-History-Political Science)	English	9	1	1	11
3		B.A.(Economics-History-Political Science)	English	65	22	36	123
4		B.A.(Economics-History-Public Administration)	English	0	0	3	3
5		B.A.(Economics-Public Administration-Political Science)	English	6	6	10	22
6		B.A.(History-Economics-Computer Applications)	English	0	1	1	2
7		B.A.(History-Political Science-MASS COMMUNICATION & JOURNALISM)	English	2	2	0	4
8		B.A(History-Economics-Mass Communication & Journalism (MOOCs)	English	1	1	0	2
9		B.A(History-Psychology (MOOCs)-Mass Communication & Journalism (MOOCs)	English	1	0	0	1
10		B.A(History-Psychology (MOOCs)-Computer Applications)	English	1	0	0	1
11		B.A.(History-Psychology(MOOCs)-Sociology(MOOCs)	English	1	0	0	1
12		B.A.(History-Political Science-Public Administration)	English	11	13	5	29
13		B.A.(History- Political Science- ML English)	English	0	0	1	1
14		B.A.(History-Political Science-Public Administration)	English	11	0	5	16
15		B.A.(Economics-History-Political Science)	Telugu	83	50	14	147
16		B.A.(Economics-Public Administration-Political Science)	Telugu	6	5	15	26
17		B.A.(History-Political Science-Public Administration)	Telugu	5	14	13	32
18		B.A.(Economics-History-Public Administration)	Telugu	0	0	2	2
19		B.A.(History-Political Science-Public Administration)	Telugu	5	0	14	19
20	B.Com	B.Com(Computer Applications)	English	380	205	97	682
21		B.Com(Computer Applications)	Telugu	0	62	0	62
22		B.Com(General)	English	0	0	42	42
23		B.Com (Taxation)	English	0	0	0	0
24		B.Com(Business Analytics)	English	0	0	0	0
25		B.Com(General)	Telugu	0	0	41	41
26		BBA	English	45	0	0	45
27	B.Sc	B.SC(Botany-Zoology-Chemistry)	Telugu	0	70	30	100

28	B.SC(Botany-Zoology-Chemistry)	English	125	90	80	295
29	B.Sc(Micro Biology- Zoology- Chemistry)	English	29	30	28	87
30	B.Sc(Micro Biology- Botany- Chemistry)	English	0	0	18	18
31	B.Sc(Biotechnology- Zoology- Chemistry)	English	3	0	14	17
32	B.Sc(Biotechnology- Botany- Chemistry)	English	9	12	16	37
33	B.Sc(Micro Biology- Botany- Zoology)	English	0	0	0	0
34	B.Sc(Micro Biology-Chemistry-Computer Science)	English	4	0	0	4
35	B.Sc (Botany-Zoology-Bio-Technology)	English	5	0	0	5
36	B.Sc (Micro Biology-Zoology-Bio-Technology)	English	11	0	0	11
37	(B.Sc Zoology-Chemistry-Computer Science)	English	1	0	0	1
38	B.Sc (Botany-Chemistry-Computer Science)	English	4	0	0	4
39	B.Sc (Micro Biology-Chemistry-Bio-Technology)	English	5	0	0	5
40	B.Sc(Zoology-Chemistry-Bio-Technology)	English	3	0	0	3
41	B.Sc(Botany-Zoology-Psychology(MOOCs)	English	1	0	0	1
42	B.Sc(Botany-Zoology-Computer Science)	English	8	0	0	8
43	B.Sc (Microbiology- Botany- Zoology)	English	0	4	0	4
44	B.SC(Mathematics-Physics-Chemistry)	Telugu	0	0	42	42
45	B.SC(Mathematics-Physics-Chemistry)	English	82	72	106	260
46	B.SC(Mathematics-Physics-Computer Science)	English	168	113	148	429
47	B.SC(Mathematics-Statistics-Computer Science)	English	12	28	34	74
48	B.Sc(Mathematics-Economics-Chemistry)	English	1	0	0	1
49	B.SC(Mathematics-Chemistry -Computer Science)	English	27	35	40	102
50	B.SC(Mathematics-Physics-Statistics)	English	0	2	0	2
51	B.Sc (Mathematics-Statistics-Data Science)	English	27	0	0	27
			1160	838	860	2858

Grand Total : 2858

Tara Government College (Autonomous), Sangareddy (16058)

Government (Autonomous)

DOST 2021 First Year Strength

B.Sc (Mathematics - Stats - Data Science) is merged with B.Sc. Physical Sciences CBCS.

S.No	Course Name	Medium	Total Initial Seats(a)	College Confirmed (Including Spot Admissions)
1	B.A any 3 Subjects from (History/ Mathematics-Economics- Psychology(MOOCs)/ Political Science- Computer Applications/ Public Administration/ Sociology(MOOCs)/ Geography(MOOCs)/ Mass Communication & Journalism(MOOCs))- 3310	English	120	81
2	BBA(Bachelor of Business Administration)-30112	English	60	37
3	B.Com(Computer Applications)-30172	English	480	412
4	B.Sc. Life Science any 3 Subjects from (Micro Biology/ Botany-Zoology- Psychology(MOOCs)/ Chemistry- Computer Science/ Bio-Technology)-3312	English	300	235
5	B.Sc. Physical Science any 3 Subjects from (Mathematics-Physics/ Economics/ Data Science-Statistics/ Chemistry-Computer Science/ Geology)-3311	English	420	319
6	B.A any 3 Subjects from (History- Economics-Political Science-Computer Applications/ Public Administration)-1310	Telugu	120	98
Totals			1500	1182

INSTITUTIONAL DEVELOPMENT PLAN (IDP)

2.1 Executive summary of the IDP

Tara Government College, Sangareddy, is a premier autonomous institution of higher education affiliated to Osmania University. The college provides university education to the deserving students in a secular atmosphere and is committed to serve the economically weak, socially under privileged and needy students in and around the area of Sangareddy.

History of the Institute:

A Philanthropist, Smt. Tara Swaroop had donated Rs. 2 lakhs towards corpus fund in 1977 to start this college. Hence, the college has the prefix moniker (Tara). From the modest beginning in a small building in 1977, the college has made rapid stride in its growth. The college is housed in large buildings with a built-in area of 96,000 sft on a spacious campus of 22 acres that harbours salubrious ambience. At present, the college has 3080 UG and 329 PG students (2nd year only as the first year admissions have not yet been finalised).

The college has fifteen Under Graduate (Conventional and Restructured Courses) and eight Post-Graduate programs. The principal and dynamic team of faculty contribute significantly to the fulfillment of the academic programs.

Since its inception, Tara Government College, Sangareddy has seen tremendous progress with several first and distinctions to its credit. The college is one of the few chosen to start the pilot project of National Service Scheme (NSS) and the National Cadet Corps (NCC). The college library has approximately 18000 books. The college has the distinction to introduce the Telangana Skills & Knowledge Centre (TSKC), a unique program of the Government of Telangana that enhances the employability skills of the students while forgoing links with the industry.

Tara Government College, Sangareddy, has the distinction of being the "Identified College" (ID College) in Sangareddy district. The Commissionerate of Collegiate Education (CCE), recognizing its academic and administrative excellence, has identified this college as a District Resource Centre (DRC) from where it discharges several academic and administrative functions in monitoring all the Government and private colleges in Sangareddy district.

Our college has been conducting District Collegiate Education Development and Review Committee (DCEDRC) Meetings for which District Collector as the chairperson and college Principal acts as convener/co-ordinator to review and facilitate coordination among various departments, organizations and all the colleges in the district to improve the quality and excellence in higher education.

Autonomous Status:

The college was bestowed autonomous status and it has been functioning in autonomous mode from the academic year 2016-17.

NAAC Re-accreditation:

Peer team visited our college from 14-02-2013 to 16-02-2013 for Re- accreditation, and this college is Re-accredited with 'B' grade by NAAC in March, 2013 (CGPA2.75 on four points scale).

Vision and Mission

Vision:

To empower students by bestowing quality education based on sound curriculum.

Mission

To empower the stakeholders with skill-based, entrepreneur oriented, value-based, affordable and quality education and help them become complete human beings.

OBJECTIVES

- ❖ To plan, restructure, design and re-orient courses, curricula and certificate courses in periodic bases.
- ❖ To conduct all academic and extracurricular activities as per the annual plan on regular basis.
- ❖ To get the approval of all the above in BoS, Academic Council and Governing Body meetings.
- ❖ To become a full-fledged autonomous institution.
- ❖ To empower stake holders and enable modern technology in teaching, learning, evaluation and administration.
- ❖ To introduce new courses at under graduate level.
- ❖ To reach more quality-oriented MoU's.
- ❖ To mobilize more funds through CSR philanthropists, alumni and other funding agencies.
- ❖ To encourage society-oriented study projects.
- ❖ To conduct more job fares.
- ❖ To improve the number of students to appear for competitive examinations.
- ❖ To enhance the number of students to appear and qualify and enroll themselves in PG courses.
- ❖ To provide infrastructure facilities to the ever-growing students.
- ❖ To utilize infrastructure optimally.
- ❖ To conduct/organize workshops, seminars, conferences and allied activities to students and teachers and help them hone their skills.
- ❖ To provide employable skills.
- ❖ To implement MOOC's.
- ❖ To empower faculty and students to publish plagiarism free, original and authentic publications.

Action Plan for future:

We would like to realize set goals with the following requisites in terms of men and material getting addressed.

- ❖ The introduction of new UG courses / combinations is a laudable initiative by the hon'ble CCETS which involved courses in demand has brought in with it a demand for classrooms. There is a dire need for at least 100 rooms.
- ❖ This will solve the problem of ever expansion of the college. The college is about to improve the strength at least to the tune of 50% in UG admissions in the coming three academic years. This will make the campus stakeholder friendly.
- ❖ Among them, at least 50 classrooms will be equipped with ICT. Centralized Wi-fi facility will be extended to the college campus to equip the classroom teaching more practical.
- ❖ A well- equipped waiting hall for ladies will be provided with needed facilities for the increasing female student enrolment in the college.
- ❖ The college library is insufficient to meet the growing needs of the students. So, it has to be expanded and it will be a hybrid, i.e., a combination of e- library and library with books.
- ❖ Modernization of laboratories will be taken up.
- ❖ Instrumentation facility must be established at the earliest so that research and consultancy activities of the college get strengthened.
- ❖ A dedicated room will be established for student employment, entrepreneurship and career guidance. This will act in consonance with the skill development (TSKC) and skill development centre for competitive examinations.
- ❖ A separate and dedicated Research centre will be created.

2.2. SWOC ANALYSIS

STRENGTHS

- The college has a glorious history of more than four decades. It has been a known institution of excellence.
- The college was granted autonomy in 2016.
- The college adopted CBCS and purely external evaluation.
- Syllabus was made to suit the needs of the society.
- Autonomy brought in accountability.
- TSKC bestows much required skills.
- Registered the highest numbers of admissions for the past 3years in UG.
- Thirteen of the teaching Staff have Doctoral degree (Ph.D.).
- Many teaching staff got through CSIR / UGC NET / SET exams.
- All the departments were provided computers and printers.
- One NCC and 4 NSS units.
- 22 acres of spacious campus.
- A new block of building was constructed by utilizing RUSA funds.
- ICT enabled teaching.
- Three e- class rooms and 1 MANA TV room.
- Students and staff presented live presentations on MANA TV.
- Staff are efficient, dedicated and meritorious.
- State best teacher and other awardees.
- Service oriented NSS volunteers and NCC cadets.
- Value oriented education.
- A number of extension activities were conducted.
- Women's cell and Internal Complaints Committee look after issues of women stake holders.
- Women's waiting room and other facilities are available for women students.
- State First Ranker in IPE March 2015 joined B.A. Programme.
- Skill oriented courses.
- Certificate courses.
- More than 20 MOU'S for better linkup with industries and other organizations.
- Gender Sensitization and other relevant courses such as Human Values and Professional Ethics make students good citizens.

- INFLIBNET N- LIST facility for students and teachers.
- Eco friendly campus.
- A generator of 32KV is installed to supply uninterrupted power to the laboratories, library and administrative block.
- The college is enriched with canteen and a shed for parking the vehicles of staff and students.
- The college offers 50 U.G and 10 P.G. combinations/ Programs in different disciplines for both the men and women. The college has 3300 students on rolls (PG 1st year admissions are yet to take place).
- In addition to regular programs, the college offers various U.G and P.G programs of Dr.B.R.Ambedkar Open University, Hyderabad and Prof G. Rami Reddy Centre for Distance Education, Osmania University, Hyderabad under distance education.
- Physical Education department is maintaining a well-equipped gymnasium and play fields in the college to make the students physically fit to enter into Police and other paramilitary forces.

WEAKNESSES

- Difficulties in mobilizing constructing and maintaining funds for research.
- Need one more building block for administration. A separate block is needed for Administration and examination branch.
- The college building needs renovation and repair.

OPPORTUNITIES

- The town has become the district headquarters.
- The college has become the District Resource Centre (DRC).
- The college is known as ID college and acts as a nodal college between the CCE and other six government degree colleges of the district.
- This gives a lot of scope for improvement in services of the college.
- The autonomy gives a scope for innovation.

CHALLENGES

- There are 9 private degree colleges in the town.
- They lure students with incentives to get their admissions.
- Research facilities need to be increased.
- Number of research supervisors to guide M.Phil and Ph.D. students need to be increased.
- A research journal has to be published from the college.
- More skill-oriented courses need to be introduced

Glimpses of the college successes

1. The institution attained the status of Autonomous college in 2016 (by UGC)
2. ISO 9001: 2015 recognition
3. NIRF Recognition
4. Number of admissions into UG courses increased by 100 %
5. Number of teachers with Ph D increased
6. Students achieved international and national awards in Sports
7. The college was allotted 5th NSS unit.
8. Ch. Neha became the first NCC cadet from the college to attend the RD parade in 2020.
9. Two NCC cadets, Ms Bhavana and Nikhil were selected to RD parade in 2021. They will participate in RD parade on 26 Jan 2022.
10. Mr Shankar Chowhan, NSS volunteer, was selected to RD parade. He will participate in RD parade on 26 Jan 2022.
11. Bhavana and Nikhil Final year students were selected to the RD parade in 2021 and will participate the RD parade on 26 January 2022
12. Mr. P. Shyam Prasad ascended Mount Kilimanjaro on 5 Sep 2020
13. Staff got 2 patents and copy rights for their works
14. Students published their research findings for the first time in UGC recognized journals
15. Number of students participating in JIGNASA and T-SAT NIPUNA and other activities increased.
16. Number of Job Drives and number of students who have been getting seats in PG courses increased.

INSTITUTIONAL DEVELOPMENT PLAN (IDP)

INSTITUTIONAL DEVELOPMENT PLAN (IDP)

Tara Government college, Sangareddy (A) has its humble inception in 1077 with mere 232 students. The following is the admission pattern in the past six academic years.

S. No.	Academic year	Admissions into UG	Remarks
1	2020-21	1160	Increase in admissions
2	2019-20	1010	Increase in admissions, course-wise
3	2018-19	1086	Increase in admissions
4	2017-18	717	Nil
5	2016-17	810	Increase in admissions
6	2015-16	689	In Affiliated mode

- ❖ From the above data it could be deciphered that there is almost 60 percentage increase in the in the number of admissions in UG courses alone.
- ❖ Because of this there is a huge demand for at least one hundred classrooms. The hon'ble CCETS sir had accorded permission for the construction of 18 classrooms, which forms part of the master plan of 100 room building. If 82 more rooms are sanctioned, the college will have good accommodation facilities.
- ❖ There is a huge demand for admissions into UG courses of the college. So, there is a huge scope for improvement in admissions as the college will accommodate various combinations.
- ❖ Since the college can accommodate 5500 students, there is a scope for increase in the implementation of
 - a. Skill development courses
 - b. Courses that offer employability
 - c. Courses with combination of entrepreneurship
- ❖ The college will also offer services through a dedicated coaching centre for its primary stakeholders.
- ❖ Since the Sangareddy district has a number of industries in pharma and other industrial entities, we will reach MoUs and reframe syllabi to suit to the needs of employment for our students. This will happen because number of combinations/courses means more is the requirement for infrastructure.

- ❖ To meet the demand ratio of our students hon'ble Commissioner of Collegiate Education has accorded permission to purchase 80 computers for our computer labs. This will enable us to impart many more job-oriented courses for students.
- ❖ Hon'ble district collector in the DCEDRC meeting had promised us solar panels and 50 computers. The DMIC has also promised us that we will get 50 computers in a few weeks. This needs a few more classrooms.
- ❖ The college has 22 acres of land. The alumni of our college participated in national (V. Sanjeevulu, B.A. III year in fencing) and Sai Teja Goud, B. Com III year and Akhil, B.A. III year) in international indo-Phillippine boxing competitions and won the gold medal each. We will dedicate a state-of-the-art gymnasium for the students and enable them achieve many more laurels.
- ❖ New block will give more breathing space for the examination branch and help attain more confidentiality. This will also help the administration as the present block will be used for administration block.



DETAILED ESTIMATE

Name of the Work:- Construction of Addl. Class Rooms (68 No's) & Labs
(10 No's) to Tara Govt. Degree College at Sangareddy Town in
Sangareddy District

Estimate Cost Rs. 2000.00 Lakhs

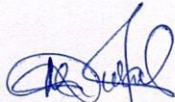
EXECUTING AGENCY


EXECUTIVE ENGINEER (TSEWIDC)
DIVISION MEDAK AT SANGAREDDY

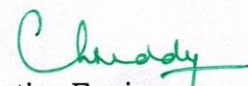
ABSTRACT

Name of the Work:- Construction of Addl. Class Rooms (68 No's) & Labs (10 No's) to Tara Govt. Degree College at Sangareddy Town in Sangareddy District

		SSR - 2021-22
Sl. No	Name of Component	Amount in Rs.
1	Ground Floor (CR's-18, Labs-6, TB's-4)	67948881.00
2	First Floor (CR's-22, Labs-4, TB's-4)	39903432.00
3	Second Floor (CR's-30, TB's-4)	47114007.00
4	Third Floor (Head room)	4776176.00
5	Septic Tank	768270.00
6	Electrification	2642135.00
7	Water Supply arrangements	659624.00
8	Provision for Lift & Room	1500000.00
	Total >>	165312525.00
8	Provision for GST @ 12%	19837503.00
9	Provision for PS charges @ 5.9% (including GST 18%)	9753439.00
10	Provision for Seignorage Charges @ 1%	1605108.00
11	Provision for QC Charges @ 0.5%	826563.00
12	Provision for NAC Charges @ 0.1%	165313.00
13	Provision for Price adjustment	800000.00
14	Provision for Elevation & Consultancy charges	800000.00
15	Provision for Drilling of Pump set	500000.00
16	Provision for Tender Publication charges,	50000.00
17	Provision for unforeseen items etc.,	349549.00
	Grand Total >>>	200000000.00
	Or say (Rs. in Lakhs)	2000.00


 Asst Engineer
 TSEWIDC, Sangareddy


 Dy. Executive Engineer
 TSEWIDC, Sangareddy


 Executive Engineer
 TSEWIDC, Divn. Medak

DETAILED CUM ABSTRACT ESTIMATE

Name of the Work:- Construction of Addl. Class Rooms (68 No's) & Labs (10 No's) to Tara Govt. Degree College at Sangareddy Town in Sangareddy District

GROUND FLOOR										Rs.	67948881.00		
SNo	Description of work	No		L	B	D	Qty	Rate	Per	Amount			
1	Earth work excavation and depositing on bank (manual means) with initial lead of 10m and initial lift of 3m in Loamy & Clayey Soils like BC Soils, Red Earth & Ordinary Gravelly Soils (SS 20-B) including all operational incidental labour charges such as shoring, strutting, sheeting, planking and dewatering including cost of hire charges of T & P, labour charges etc., complete for finished item of work excluding seignorage charges and dewatering charges etc., complete for Foundation of Building.(APSS No. 308)												
	F1	1	x	95	1.65	1.65	2.00	517.28					
	F2	1	x	100	2.70	2.70	2.00	1458.00					
	F3	1	x	100	2.85	2.85	2.00	1624.50					
	For external walls curtain wall west wing room	1	x	1	160.30	0.30	0.45						
								21.64					
	Front	1	x	1	150.38	0.30	0.45	20.30					
	North wing rear	1	x	1	68.71	0.30	0.45	9.28					
	Fornt	1	x	1	58.79	0.30	0.45	7.94					
		1	x	1	9.92	0.30	0.45	1.34					
	East wing rear	1	x	1	107.40	0.30	0.45	14.50					
	Front	1	x	1	107.40	0.30	0.45	14.50					
		1	x	1	9.92	0.30	0.45	1.34					
	For steps	1	x	3	5.50	2.10	0.30	10.40					
	Ramp	1	x	3	10.00	1.50	0.30	13.50					
								3,714.52					
							Say	3,715.00	425.60	1 cum	1581104.00		
2	Plain Cement Concrete corresponding to M7.5 grade as per IS 456 equivalent to (1:4:8) proportion nominal mix (cement: fine aggregate: Coarse aggregate) using , 40mm size Hard Blasted Granite (IS383, 1970) metal from approved quarry including cost and conveyance of all materials like cement, sand, coarse aggregate, water etc. to site, including sales & other taxes on all materials, all operational, incidental, and labour charges such as mixing, laying and ramming concrete in layers in position not exceeding 15cm, finishing top surface, curing concrete, etc., complete but excluding seignorage charges, for finished item of work for Foundations (APSS No. 402)												
	F1	1	x	95	1.65	1.65	0.10	25.86					
	F2	1	x	100	2.70	2.70	0.10	72.90					
	F3	1	x	100	2.85	2.85	0.10	81.23					
	Ramp: West, East & north	1	x	3	10.00	1.50	0.15	6.75					
								186.74					
							Say	187.00	4725.25	1 cum	883622.00		
3	Plain Cement Concrete corresponding to M5 grade as per IS 456 equivalent to (1:5:10) proportion nominal mix (cement: fine aggregate: Coarse aggregate) using,40mm size Hard Blasted Granite (IS383, 1970) metal from approved quarry including cost and conveyance of all materials like cement, sand, coarse aggregate, water etc. to site, including sales & other taxes on all materials, all operational, incidental, and labour charges such as mixing, laying and ramming concrete in layers in position not exceeding 15cm, finishing top surface, curing concrete, etc., complete but excluding seignorage chargesfor finished item of work for Foundations and Flooring Bed (APSS No. 402)												
	under external walls	1	x	1	672.82	0.30	0.10	20.18					
	Deduct Cols	-1	x	1	176.00	0.30	0.10	-5.28					
	West wing Under middle plinth beam L/s	1	x	1	150.38	0.30	0.10	4.51					
	Deduct Cols	-1	x	46	0.23	0.30	0.10	-0.32					
	North wing Under middle plinth beam L/s	1	x	1	68.71	0.30	0.10	2.06					
	Deduct Cols	-1	x	21	0.23	0.30	0.10	-0.14					
	Under room cross plinth beam west wing	1	x	45	6.63	0.30	0.10	8.95					

SNo	Description of work	No		L	B	D	Qty	Rate	Per	Amount
	Under room cross plinth beam north wing	1	x	19	6.63	0.30	0.10	3.78		
	East wing under Middle plinth beam	1	x	1	107.17	0.30	0.10	3.22		
	Under room cross plinth beam east wing	1	x	32	6.63	0.30	0.10	6.36		
	Under verandah cross plinth beam west wing	1	x	45	2.16	0.30	0.10	2.92		
	Under verandah cross plinth beam North wing	1	x	19	2.16	0.30	0.10	1.23		
	Under verandah cross plinth beam east wing	1	x	32	2.16	0.30	0.10	2.07		
	Under Flooring: in west wing labs & Class Rooms	1	x	14	9.50	7.00	0.10	93.10		
	Toilet blocks	1	x	2	3.83	7.00	0.10	5.36		
	Corridor	1	x	1	150.15	2.23	0.10	33.48		
	Stair case	1	x	1	5.81	7.00	0.10	4.07		
	In north wing rooms	1	x	6	9.50	7.00	0.10	39.90		
	Toilet blocks	1	x	1	3.83	7.00	0.10	2.68		
	Corridor	1	x	1	68.25	2.23	0.10	15.22		
	Stair case	1	x	1	5.81	7.00	0.10	4.07		
	Under flooring in east wing class rooms	1	x	10	9.50	7.00	0.10	66.50		
	Toilet blocks	1	x	1	3.83	7.00	0.10	2.68		
	Corridor	1	x	1	42.75	2.23	0.10	9.53		
	For steps	1	x	1	5.50	2.10	0.10	1.16		
	For Ramp L/s	1	x	1	10.00	0.30	0.10	0.30		
	C/s	1	x	1	1.20	0.30	0.10	0.04		
								327.63		
							Say	328.00	4511.75	1 cum
4	Vibrated Reinforced Cement Concrete M 20 Design Mix (by weigh batching / Mixer) using 20mm size (SS5) hard blasted Trap machine crushed graded metal (Coarse aggregate) from approved quarry, using a minimum quantity of 350 kgs. of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site and cost of all materials including centering using Casurina Bellies, Bamboos, Wooden Reapers, Runners, Wood Posts, Steel Centering Plates etc, complete but excluding cost of steel and it's fabrication charges but excluding seigniorage charges for finished item of work (APSS No. 402 & 403)									
	CURTAIN WALL									
	curtain wall aloud	1	x	1	672.82	0.15	1.25	126.15		
	Deduct cols	-1	x	176	0.30	0.15	1.25	-9.90		
								116.25		
							Say	117.00	12991.30	1 Cum
5	Vibrated Reinforced Cement Concrete M 20 Design Mix (by weigh batching) using 20mm size (SS5) hard blasted Trap machine crushed graded metal (Coarse aggregate) from approved quarry, using a minimum quantity of 350 kgs. of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site and cost of all materials including centering using Casurina Bellies, Bamboos, Wooden Reapers, Runners, Wood Posts, Steel Centering Plates etc complete but excluding cost of steel and it's fabrication charges for finished item of work but excluding seigniorage charges (APSS No. 402 & 403)									
	COLUMN FOOTINGS:									
	F1	1	x	95	1.50	1.50	0.35	74.81		
	F2	1	x	100	2.55	2.55	0.45	292.61		
	F3	1	x	100	2.70	2.70	0.50	364.50		
								731.93		
							Say	732.00	10729.45	1 cum

SNo	Description of work	No		L	B	D	Qty	Rate	Per	Amount
PEDESTALS										
	Pedestals F1	1	x	95	0.60	0.60	0.60	20.52		
	F2	1	x	100	0.90	0.90	0.60	48.60		
	F3	1	x	100	1.05	1.05	0.60	66.15		
								135.27		
							Say	136.00	11353.85	1 cum 1544124.00
PLINTH BEAMS										
	EPB1 west wing front L/s	1	x	1	150.38	0.23	0.30	10.38		
	EPB1 west wing rear L/s	1	x	1	160.30	0.23	0.30	11.06		
	IPB1 west wing middle L/s	1	x	1	150.38	0.23	0.30	10.38		
	EPB1 west wing corridor S/s	1	x	1	2.23	0.23	0.30	0.15		
	EPB1 west wing corridor C/s	1	x	45	2.23	0.23	0.30	6.92		
	IPB2 toilet block C/s	1	x	1	6.63	0.23	0.45	0.69		
	IPB2 labs & class rooms C/s	1	x	45	6.63	0.23	0.45	30.88		
	IPB3 stair case C/s	1	x	1	5.38	0.23	0.38	0.47		
	EPB1 north wing front L/s	1	x	1	58.79	0.23	0.30	4.06		
	EPB1 north wing rear L/s	1	x	1	68.71	0.23	0.30	4.74		
	IPB1 north wing Middle L/s	1	x	1	68.71	0.23	0.30	4.74		
	EPB1 north wing Corridor C/s	1	x	2	2.23	0.23	0.30	0.31		
	IPB1 north wing Corridor C/s	1	x	19	2.23	0.23	0.30	2.92		
	EPB1 north wing Class rooms C/s	1	x	2	6.63	0.23	0.45	1.37		
	IPB2 north wing Class rooms C/s	1	x	19	6.63	0.23	0.45	13.04		
	IPB3 north wing Class rooms C/s	1	x	1	5.38	0.23	0.38	0.47		
	EPB1 east wing Front L/s	1	x	1	107.40	0.23	0.30	7.41		
	EPB1 east wing rear L/s	1	x	1	107.40	0.23	0.30	7.41		
	IPB1 east wing middle L/s	1	x	1	107.40	0.23	0.30	7.41		
	EPB2 east wing Class room C/s	1	x	1	6.63	0.23	0.45	0.69		
	IPB2 east wing Class room C/s	1	x	32	6.63	0.23	0.45	21.96		
	EPB1 east wing corridor C/s	1	x	1	2.23	0.23	0.30	0.15		
	IPB1 corridor C/s	1	x	32	2.23	0.23	0.30	4.92		
	East, north, west wing girls in toilet blocks L/s	1	x	3	7.00	0.23	0.23	1.11		
	WC's	3	x	4	1.27	0.23	0.23	0.81		
	Boys toilet block L/s	1	x	1	7.00	0.23	0.23	0.37		
	WC C/s	1	x	2	1.27	0.23	0.23	0.13		
								154.95		
							Say	155.00	13430.50	1 cum 2081728.00
COLUMNS										
Cols Upto Plinth level										
	West, north & east wing C1	1	x	95	0.30	0.30	1.95	16.67		
	C2	1	x	100	0.30	0.60	1.85	33.30		
	C3	1	x	100	0.30	0.60	1.80	32.40		
Cols Upto Roof level										
	West, north & east wing C1	1	x	95	0.30	0.30	3.48	29.75		
	C2	1	x	100	0.30	0.60	3.45	62.10		
	C3	1	x	100	0.30	0.60	3.45	62.10		
								236.32		
							Say	237.00	12991.30	1 cum 3078938.00
ROOF BEAMS										
	West wing front beam L/s	1	x	1	150.38	0.23	0.30	10.38		
	Rear beam L/s	1	x	1	160.30	0.23	0.30	11.06		

SNo	Description of work	No		L	B	D	Qty	Rate	Per	Amount
	Middle beam L/s	1	x	1	152.61	0.23	0.30	10.53		
	Room C/s	1	x	46	6.63	0.23	0.45	31.57		
	Corridor C/s	1	x	46	2.16	0.23	0.30	6.86		
	Straight case MLB	1	x	1	5.58	0.30	0.45	0.75		
	Corridor br. beam L/s	1	x	1	150.38	0.23	0.30	10.38		
	North wing front & rear beam L/s	1	x	2	68.71	0.23	0.30	9.48		
	Middle beam L/s	1	x	1	68.71	0.23	0.30	4.74		
	Room cross /side	1	x	21	6.63	0.23	0.45	14.41		
	Corridor C/s	1	x	21	2.16	0.23	0.30	3.13		
	Stair case MLB	1	x	1	5.58	0.30	0.45	0.75		
	Corridor br. beam L/s	1	x	1	68.71	0.23	0.30	4.74		
	C/s	1	x	1	2.16	0.23	0.30	0.15		
	east wing, front, middle & rear L/s	1	x	3	107.40	0.23	0.30	22.23		
	Room C/s	1	x	33	6.63	0.23	0.45	22.64		
	Corridor C/s	1	x	33	2.16	0.23	0.30	4.92		
	Bresummer beam L/s	1	x	1	107.40	0.23	0.30	7.41		
	C/s	1	x	1	2.16	0.23	0.30	0.15		
								176.28		
							Say	177.00	10947.55	1 cum 1937716.00
	Roof slab 125 mm thick									
	West wing over Corridor	1	x	1	150.38	2.46		369.93		
	North wing over Corridor	1	x	1	68.71	2.46		169.03		
	East wing over Corridor	1	x	1	107.40	2.46		264.20		
								803.16		
							Say	804.00	1322.85	1 SQM 1063571.00
	Slab of 150mm thick									
	West wing over rooms	1	x	1	150.38	7.46		1121.84		
	North wing over rooms	1	x	1	68.71	7.46		512.58		
	East wing over rooms	1	x	1	107.40	7.46		801.20		
								2,435.62		
							Say	2,436.00	1498.65	1 SQM 3650711.00
	Waist Slab of 200mm thick									
	West wing stair case waist slab lower flight	2	x	1	3.60	2.12		15.26		
	West wing stair case waist slab upper flight	2	x	2	3.60	1.50		21.60		
	Mid landing	1	x	2	5.58	1.97		21.99		
								58.85		
							Say	59.00	1862.85	1 SQM 109908.00
6	Reinforced Cement Concrete M 20 Design Mix using 20mm size (SS5) hard blasted granite machine crushed graded metal (Coarse aggregate) from approved quarry, using a minimum quantity of 350 kgs. of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site and cost of seigniorage charges on all materials including centering using Cashewrina Ballies and Wooden runners & staging including all bracings, cross members etc., shuttering , machine mixing, laying concrete, lift charges, curing etc., complete but excluding cost of steel and it's fabrication charges for finished item of work (APSS No. 402 & 403)									
	LINTELS: (RCC)									
	West wing lintel over doors & windows frotn & rear	1	x	2	150.38	0.23	0.15	10.38		
	North wing lintel over doors & windows at front & rear	1	x	2	68.71	0.23	0.15	4.74		
	East wing	1	x	2	107.40	0.23	0.15	7.41		
								22.53		
							Say	23.00	12458.00	1 cum 286534.00

SNo	Description of work	No		L	B	D	Qty	Rate	Per	Amount	
	SUNSHADE										
	North wing corridor front	1	x	1	150.38	0.60		90.23			
	Rear side over windwos	1	x	45	1.80	0.60		48.60			
	North wing corridor front	1	x	1	58.79	0.60		35.27			
	corridor cross side	1	x	1	3.29	0.60		1.97			
	rear side over windows	1	x	20	1.80	0.60		21.60			
	East wing corridor front	1	x	1	107.40	0.60		64.44			
	rear side over windows	1	x	32	1.80	0.60		34.56			
								296.67			
							Say	297.00	913.00	1 SQM	271161.00
7	Filling with useful available excavated earth (excluding rock) in trenches, sides of foundations and basement with initial lead in layers not exceeding 15cm thick, consolidating each deposited layer by watering and ramming including cost and conveyence of water to work site and all operational, incidental, labour charges, hire charges of T & P etc., complete for finished item of work. (APSS NO. 309 & 310)										
	EWE (75%)				3,715.00		0.75	2786.25			
								2,786.25	197.10	1 cum	549170.00
8	Filling with Gravel in trenches, sides of foundations and basement with initial lead in layers not exceeding 15cm thick, consolidating each deposited layer by watering and ramming including cost and conveyence of water to the work site and all operational, incidental, labour charges, seignorage charges, hire charges of T & P etc., complete for finished item of work. (APSS NO. 309 & 310)										
	In West wing labs & class rooms	1	x	14	9.50	7.00	1.00	931.00			
	Toilet blocks	1	x	2	3.83	7.00	1.00	53.62			
	Corridor	1	x	1	150.15	2.23	1.00	334.84			
	Stair case	1	x	1	5.81	7.00	1.00	40.67			
	In East wing class rooms	1	x	10	9.50	7.00	0.60	399.00			
	Toilet blocks	1	x	1	3.83	7.00	0.60	16.09			
	Corridor	1	x	1	107.17	2.23	0.60	143.39			
	Stair case	1	x	1	5.81	7.00	1.00	40.67			
	In North wing class rooms	1	x	6	9.50	7.00	0.60	239.40			
	Toilet blocks	1	x	1	3.83	7.00	0.60	16.09			
	Corridor	1	x	1	68.25	2.23	0.60	91.32			
	Ramp	1	x	1	10.00	1.27	0.50	6.35			
								2312.43			
							Say	2,313.00	377.60	1 cum	873389.00
9	Plain Cement Concrete M20 Design Mix (Using weigh bathing) using 20mm size (SS5) hard blasted granite machine crushed graded metal (Coarse aggregate) from approved quarry, using a minimum quantity of 350 kgs. of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site and cost of seignorage charges on all materials including steel centering, shuttering, machine mixing, laying concrete, lift charges, curing etc., complete for finished item of work for steps (APSS No. 402)										
	West, East & north wing lower flight	0.5	x	36	2.12	0.30	0.15	1.72			
	West, East & north wing upper flight	0.5	x	72	1.50	0.30	0.15	2.43			
								4.15			
							Say	5.00	7,629.25	1 cum	38146.00

SNo	Description of work	No		L	B	D	Qty	Rate	Per	Amount
10	Brick Masonry in superstructure with CM (1:8) prop: using Fly ASH Bricks of size 290x225x140mm with compressive of 50 Kgs / Sqcm from approved source including cost and conveyance of all materials like cement, sand, fly ash bricks, water etc., to site, including sales & other taxes on all materials, all operational, incidental and labour charges such as mixing cement mortar, constructing masonry, scaffolding charges, lift charges, curing, etc., complete but excluding seigniorage charges for finished item of work. (APSS No. 501 & 504).									
	West wing corridor L/w	1	x	1	140.00	0.23	0.90	28.98		
	above bresummer beam	1	x	1	140.00	0.23	0.30	9.66		
	Middle L/wall	1	x	1	144.80	0.23	3.25	108.24		
	Rear L/wall	1	x	1	160.30	0.23	3.25	119.82		
	Toilets, Labs, Rooms & stair case C/ws	1	x	12	6.63	0.23	3.10	56.73		
	Deduct doors	-1	x	16	1.20	0.23	2.10	-9.27		
	windows	-1	x	74	1.50	0.23	1.35	-34.47		
	North wing corridor L/w	1	x	1	58.79	0.23	0.90	12.17		
	above bresummer beam	1	x	1	58.79	0.23	0.30	4.06		
	Middle L/wall	1	x	1	63.13	0.23	3.25	47.19		
	Rear L/wall	1	x	1	68.71	0.23	3.25	51.36		
	Class rooms, stair case C/ws	1	x	8	6.63	0.23	3.10	37.82		
	Deduct doors	-1	x	7	1.20	0.23	2.10	-4.06		
	windows	-1	x	33	1.50	0.23	1.35	-15.37		
	East wing corridor L/w	1	x	1	107.40	0.23	0.90	22.23		
	above bresummer beam	1	x	1	107.40	0.23	0.30	7.41		
	Class Rooms middle L/w	1	x	1	107.40	0.23	3.25	80.28		
	Class room rear L/w	1	x	1	107.40	0.23	3.25	80.28		
	Toilet & Class room C/w	1	x	13	6.63	0.23	3.10	61.45		
	Deduct doors	-1	x	11	1.20	0.23	2.10	-6.38		
	windows	-1	x	51	1.50	0.23	1.35	-23.75		
	For steps	1	x	3	5.50	2.10	0.15	5.20		
		1	x	3	5.50	1.80	0.15	4.46		
		1	x	3	5.50	1.50	0.15	3.71		
		1	x	3	5.50	1.20	0.15	2.97		
		1	x	3	5.50	0.90	0.15	2.23		
		1	x	3	5.50	0.60	0.15	1.49		
		1	x	3	5.50	0.30	0.15	0.74		
	For Ramp L/w	1	x	3	10.00	0.23	0.20	1.38		
	C/w	1	x	3	1.50	0.23	0.20	0.21		
								656.77		
							Say	657.00	6761.40	1 cum
										4442240.00
11	Reinforced Fly Ash Brick Masonry 10cm thick for partition walls in CM (1:4) prop: Fly Bricks of size 290x100x140mm with compressive of 50 Kgs / Sqcm from approved source and placing 2nos. of 6mm dia MS bars embedded in every 3rd layer with free ends of reinforcement keyed into mortar joints of the main brick work wherever applicable including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, sales & other taxes on all materials, all operational, incidental and labour charges such as mixing cement mortar, constructing masonry, scaffolding charges, lift charges, curing, etc., but excluding cost and conveyance of steel and its fabrication charges & seigniorage charges complete for finished item of work. (APSS No. 501 & 509).									
	West wing Girls Toilet block WC L/ws	1	x	1	7.00		2.70	18.90		
	C/w	1	x	4	1.27		2.70	13.72		
	Deduct doors	-1	x	5	0.75		2.10	-7.88		
	Boys toilet Blcok WC L/w	1	x	1	2.62		2.10	5.50		
	WC C/ws	1	x	2	1.27		2.70	6.86		
	Deduct doors	-1	x	2	0.75		2.10	-3.15		
	North wing staff toilet blocks WC L/w	1	x	1	7.00		2.70	18.90		
	C/w	1	x	4	1.27		2.70	13.72		

SNo	Description of work	No		L	B	D	Qty	Rate	Per	Amount
	Deduct doors	-1	x	5	0.75		2.10	-7.88		
	East wing Boys toilet block WC	1	x	1			2.10			
	L/w				2.62			5.50		
	C/w	1	x	2	1.27		2.70	6.86		
								71.05		
							Say	72.00	805.00	1 Sqm
										57960.00
12	Supply and Fixing of Door with Double leaf shutter, Door Size 1.22x2.13 mtrs with Medium teak wood Frame of sections size 75mm x 100mm with Flush Door Shutter Solid Bond Wood black board type with commercial ply on both faces of 35mm thick including cost of fixtures such as SS Tower Bolts 250mm long 2 Nos, SS Handles 150mm long 2 Nos, 300mm long SS Aldrops 1No, 125mm long SS butt hinges 6Nos, 300mm long Aluminium Flat latch 1No, Aluminium Door stoppers 2 Nos, MS Hold fasts 6Nos, Sales and Other Taxes cost and conveyance of all materials to site all Labour charges such as Fixing of Door Frame on shutter Fixing in position , with Hardware fixtures etc., complete for finished item of work.									
	West wing	1	x	16				16.00		
	North wing	1	x	7				7.00		
	East wing	1	x	11				11.00		
								34.00	13899.00	Nos
										472566.00
13	Providing & Fixing of Open able Windows with Flymesh made of pre-painted steel as per IS 513 of 0.58mm thick galvanized as per IS 277 finish painted with a polyester paint and the section for outer frame of 72 x 55mm, centre mullion of 72 x 50mm, section for fixed glass beading section of 12 x 12 mm and section for shutters of 48 x 25 mm and outer frame & mullion sections with rebate for glazed shutters, fly mesh and a 20 mm provision for guard bars/grills and fly mesh shutter section of 20 x 40 mm, stay, handles, latch 2 Nos of heavy duty stainless steel pivot hinges per shutter and panelled with 0.5 mm thick Galvalume corrugated sheet and S.S. Mesh for fly mesh shutter (304 grade), fitted using rubber gaskets including fixing the windows in the concrete/masonry wall by means of self expanding screws, including 10mm Square guard bars with 6" (152.4mm) pitch , complete for Centre fixed both side open able shutter window for a size 5'0"x4'0" (1524mm x1219.2mm).									
	West wing	1	x	97	1.52		1.35	199.04		
	North wing	1	x	32	1.52		1.35	65.66		
	East wing	1	x	52	1.52		1.35	106.70		
								371.40		
							Say	372.00	8692.00	1 Sqm
										3233424.00
13	Providing and fixing factory made polyvinyl chloride (PVC) Door Frame of the size 50 x 47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet, mitre cut at two corners and joined with 2nos. of 150mm long brackets of 15x15mm M.S. square tube. The two vertical door profiles are to be reinforced with 19x19mm M.S. Square tube of 19 gauge. The door frame shall be fixed to the wall using 65/100mm long M.S. Screws through the frame by using PVC fasteners. A minimum of 4nos. of screws to be provided for each vertical member & minimum 2nos. for horizontal member etc. complete as per manufacturers specification and direction of Engineer-in-Charge for finished item of work									
	West wing Girls toilet	1	x	5	5.00			25.00		
	Boys	1	x	2	5.00			10.00		
	North wing staff toilet	1	x	5	5.00			25.00		
	East wing boys toilet	1	x	2	5.00			10.00		
								70.00		
							Say	70.00	357.90	1 Rmt
										25053.00

SNo	Description of work	No		L	B	D	Qty	Rate	Per	Amount
13	Providing and fixing 30mm thick Solid panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for stiles, & 15mm x 15mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame shall be covered with 5mm thick heat moulded PVC 'C' channel of size 30 x 50mm forming stiles, and 5mm thick, 75mm wide PVC sheets for top rail, lock rail & bottom rail on either side, and 10mm (5mm x 2) thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail. Panelling of 10mm thick PVC sheet to be fitted in the M.S. frame welded / sealed to the stiles & rails with 30mm wide x 5mm thick PVC sheet beading on either side, and joined together with solvent cement adhesive etc. An additional 5mm thick PVC sheet to be provided for the top rail & bottom rail.									
	West wing Girls toilet	1	x	5	0.75		2.10	7.88		
	Boys	1	x	2	0.75		2.10	3.15		
	North wing staff toilet	1	x	5	0.75		2.10	7.88		
	East wing boys toilet	1	x	2	0.75		2.10	3.15		
								22.06		
							Say	23.00	2604.10	1 Sqm
										59894.00
14	Supply and fixing of Fixed Louvered Ventilators with sections made of pre - painted steel (base steel as per IS 513 of 'D' quality, galvanized as per IS 277 with zinc of 120 GSM) primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with 5-7 microns thick alkyd backer with total coated thickness of 0.6mm. Section for louvered ventilator frame should be of 33x57mm. All the above closed and seamed sections should be made out of single sheet and with stitch at a single place as per enclosed drawings; The ventilators should be paneled with 4 mm pinhead glass with Ethyl propylene Diamine monomer Gasket (EPDM). The sections are to be cut to length mitre joined with corner bracket. Gaskets are to be made of Ethyl propylene Diamine monomer(EPDM). Corner brackets made of CRCA with Zinc Phosphate. The above frames should be fixed to the concrete /masonry wall by means of self expanding brackets & screws including 10 mm square guard bars with 6" pitch and all taxes complete for finished item of work.									
	West, north & east wing	1	x	34	1.22		0.30	12.44		
		1	x	63	1.50		0.30	28.35		
								40.79		
							Say	41.00	5,067.00	Sqm
										207747.00
15	Plain Cement Concrete corresponding to M10 grade as per IS 456 equivalent to (1:3:6) proportion nominal mix (cement: fine aggregate: Coarse aggregate) using 20mm size Hard Blasted Granite (IS383, 1970) Machine Crushed graded metal from from approved quarry including cost and conveyance of all materials like cement, sand, coarse aggregate, water etc. to site, including seigniorage charges, sales & other taxes on all materials, all operational, incidental and labour charges such as mixing, laying, curing concrete, etc., complete for finished item of work for Bed Blocks and Hold Fast (APSS No. 402)									
		34	x	6	0.23	0.23	0.15	1.62		
							Say	2.00	6050.00	1 cum
										12100.00
16	Ornamental Plastering 12mm thick in two coats with base coat of 8mm thick in CM (1:5) and top coat of 4mm thick in CM (1:3) dubara sponge finish including cost and conveyance of all materials like cement, sand, water etc., to site, seigniorage charges, sales & other taxes on all materials,all operational, incidental and labour charges such as mixing mortar, scaffolding charges, lift charges, including cutting of Grooves wherever necessary as directed by Engineer in - charge, finishing, curing, etc., complete for Even Surfaces of Wall for finished item of work. (APSS 901,903 & 904)									
	West wing toilet ceiling	1	x	2	7.00	3.83		53.62		
	Labs	1	x	6	19.23	7.00		807.66		
	beam sides	6	x	10	7.00	0.45		189.00		
	Class room ceiling	1	x	2	9.50	7.00		133.00		
	beam sides	4	x	2	7.00	0.45		25.20		
	Rear side sunshade bottom	1	x	45	1.80	0.60		48.60		
	corridor front chajja bottom	1	x	1	150.38	0.60		90.23		
	waist slab lower flight bottom	1	x	1	3.60	2.12		7.63		

SNo	Description of work	No		L	B	D	Qty	Rate	Per	Amount
	waist slab upper flight bottom	1	x	2	3.60	1.50		10.80		
	west wing corridor ceiling	1	x	1	150.38	3.06		460.16		
	beam sides	46	x	2	2.16	0.30		59.62		
	North side class rooms ceiling	1	x	6	9.50	7.00		399.00		
	beam sides	6	x	4	7.00	0.45		75.60		
	Toilet ceiling	1	x	1	7.00	3.83		26.81		
	Corridor ceiling	1	x	1	68.48	3.06		209.55		
	beam sides	20	x	2	2.16	0.30		25.92		
	Staricase waist slab lower flight bottom	1	x	1	3.60	2.12		7.63		
	Staricase waist slab upper flight bottom	2	x	1	3.60	1.50		10.80		
	Corridor front side chajja bottom	1	x	1	58.19	0.60		34.91		
	Corridor cross side chajja bottom	1	x	1	3.29	0.60		1.97		
	Rear side sunshades bottom	1	x	20	1.80	0.60		21.60		
	East wing class rooms ceiling	1	x	10	9.50	7.00		665.00		
	beam sides	10	x	4	7.00	0.45		126.00		
	Toilet ceiling	1	x	1	7.00	3.83		26.81		
	Corridor ceiling	1	x	1	107.44	3.06		328.77		
	beam sides	33	x	2	2.16	0.30		42.77		
								3,888.66		
							Say	3,890.00	515.08	1 Sqm
										2003661.00
17	Plastering 12mm thick in two coats with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) dubara sponge finish including cost and conveyance of all materials like cement, sand, water etc., to site, seigniorage charges, sales & other taxes on all materials, all operational, incidental and labour charges such as mixing mortar, scaffolding charges, lift charges, including cutting of Grooves wherever necessary as directed by Engineer-in-charge, finishing, curing, etc., complete for Even Surfaces of Wall for finished item of work. (APSS 901.903 & 904)									
	Internal walls									
	West wing Inside labs allround	1	x	6	52.46		3.45	1085.92		
	Cols sides	6	x	10	0.37		3.45	76.59		
	Inside of clss rooms allround	1	x	2	33		3.48	229.68		
	cols sides	4	x	4	0.37		3.45	20.42		
	inside toilet block allround	2	x	1	10.83		3.45	74.73		
	Corridor room side L/w	1	x	1	150.38		3.45	518.81		
	inside parapet wall L/w	1	x	1	150.38		1.13	169.93		
	Corridor cols allround	1	x	46	1.2		1.95	107.64		
	above br. beam	1	x	1	150.38		0.6	90.23		
	stair case L/w	1	x	2	7.23		3.60	52.06		
	C/w	1	x	1	5.58		3.60	20.09		
	Deduct doors	-1	x	16	1.20		2.10	-40.32		
	windows	-1	x	74	1.5		1.35	-149.85		
	North wing in class rooms allround	1	x	6	33.00		3.45	683.10		
	Cols sides	6	x	8	0.37		3.45	61.27		
	Toilet block allround	1	x	1	10.83		3.45	37.36		
	Corridor room side L/w	1	x	1	68.71		3.48	239.11		
	inside parapet wall L/w	1	x	1	58.79		1.13	66.43		
	Cols allround	1	x	17	1.20		1.95	39.78		
	above br. beam	1	x	1	68.40		0.60	41.04		
	stair case L/w	1	x	2	7.23		3.60	52.06		
	C/w	1	x	1	5.58		3.60	20.09		
	Deduct doors	-1	x	7	1.2		2.1	-17.64		
	windows	-1	x	33	1.50		1.35	-66.83		

SNo	Description of work	No		L	B	D	Qty	Rate	Per	Amount	
	East wing class room alround	1	x	10	33.00		3.45	1138.50			
	Cols sides	10	x	8	0.37		3.45	102.12			
	Toilet block alround	1	x	1	21.66		3.45	74.73			
	Corridor room side L/w	1	x	1	107.40		3.48	373.75			
	inside parapet wall	1	x	1	107.40		1.13	121.36			
	Cols alround	1	x	33	1.20		1.95	77.22			
	above br. beam	1	x	1	107.40		0.60	64.44			
	Deduct doors	-1	x	11	1.20		2.10	-27.72			
	windows	-1	x	51	1.50		1.35	-103.28			
	West wing Girls toilet block WC; alround	1	x	5	4.94		1.20	29.64			
	Deduct doors	-1	x	5	0.75		0.60	-2.25			
	Boys toilet block WC's alround	1	x	2	4.94		1.20	11.86			
	Deduct doors	-1	x	2	0.75		0.60	-0.90			
	North wing Toilet WC's alround	1	x	5	4.94		1.20	29.64			
	Deduct doors	-1	x	5	0.75		0.60	-2.25			
	East boys wing toilet block WC's alround	1	x	2	4.94		1.20	11.86			
	Deduct doors	-1	x	2	0.75		0.60	-0.90			
	Ramp: West & north	1	x	2	10.00		1.50	30.00			
								5339.52			
							Say	5,340.00	496.60	1 Sqm	2651844.00
18	Plastering 12mm thick in two coats with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) dubara sponge finish including cost and conveyance of all materials like cement, sand, water etc., to site, sales & other taxes on all materials, all operational, incidental and labour charges such as mixing mortar, scaffolding charges, lift charges, including cutting of Grooves wherever necessary as directed by Engineer - in - charge, finishing, curing, etc., complete but excluding seigniorage charges for Even Surfaces of Wall for finished item of work. (APSS 901,903 & 904)										
	West block rear L/side	1	x	1	160.30		4.50	721.35			
	Corridor front parapet	1	x	1	160.30		1.80	288.54			
	above Br. and top ofchajja	1	x	1	150.38		1.60	240.61			
	Rear side chajja top	1	x	45	1.90		0.65	55.58			
	North block rear L/wall	1	x	1	68.71		4.50	309.20			
	C/wall	1	x	1	7.46		4.50	33.57			
	C/wall	1	x	1	2.46		1.00	2.46			
	Corridor front parapet	1	x	1	58.79		1.80	105.82			
	above Bresmmer and top chajja	1	x	1	58.79		1.60	94.06			
	Rear side chajja top	1	x	20	1.90		0.65	24.70			
	East wing rear L/w	1	x	1	43.21		4.50	194.45			
	Chajjas top	1	x	31	1.90		0.65	38.29			
	Cross wall	1	x	1	7.46		4.50	33.57			
		1	x	1	2.46		1.00	2.46			
	Corridor front parapet	1	x	1	107.40		1.80	193.32			
	above. Br. top & chajja	1	x	1	107.40		1.60	171.84			
								2509.82			
							Say	2,510.00	496.60	1 Sqm	1246466.00

SNo	Description of work	No		L	B	D	Qty	Rate	Per	Amount	
19	Flooring with Nano polished vitrified floor tiles of 1st quality and make as approved by Engineer-in-charge of size not less than 600 mm x 600 mm , 8mm thickness regular finish and normal colours with borders and design as per the approved flooring pattern as directed by the Engineer-In -Charge, laying tiles using spacers of 2mm thick, set over a base coat of CM (1:8) prop. 12mm thick using screened sand over CC bed already laid or RCC roof slab , including neat cement slurry of honey like consistency spread @ 3.3 kgs per Sqm. and jointed neatly with white cement paste to full depth mixed with pigment of matching shade including cost and conveyance of all materials like cement, sand, water, tiles, white cement etc., to site (excluding cost of C.C. bed) including cost of base coat and all labour charges for mixing of cement mortar, laying tiles to required slope as directed by the Engineer-in-										
	West wing in CR's	1	x	2	9.50	7.00		133.00			
	In labs	1	x	6	19.23	7.00		807.66			
	stair case	1	x	1	7.23	5.58		40.34			
	Corridor	1	x	1	150.38	2.23		335.35			
	North wing in CR's	1	x	6	9.50	7.00		399.00			
	in stair case	1	x	1	7.23	5.58		40.34			
	Corridor	1	x	1	68.48	2.23		152.71			
	East wing in CR's	1	x	10	9.50	7.00		665.00			
	In Corridor	1	x	1	107.40	2.23		239.50			
								2,812.90			
							Say	2,813.00	1056.37	1 sqm	2971569.00
20	Providing skirting to internal walls to 10 cm height with vitrified tiles 8mm thick , regular finish and normal colour, length equal to flooring tiles, set over base coat of CM(1:5) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc.,and overheads & contractors profit complete for finished item of work.(APSS No.701 &707)										
	West wing in CR's	1	x	2	33.00		0.125	8.25			
	In labs	1	x	6	52.46		0.125	39.35			
	stair case	1	x	1	20.04		0.125	2.51			
	Corridor	1	x	2	150.38		0.125	37.60			
	North wing in CR's	1	x	6	33.00		0.125	24.75			
	in stair case	1	x	1	20.04		0.125	2.51			
	Corridor	1	x	2	68.48		0.125	17.12			
	East wing in CR's	1	x	10	33.00		0.125	41.25			
	In Corridor	1	x	2	107.40		0.125	26.85			
								200.19			
							Say	201.00	1068.12	1 sqm	214692.00
21	Supplying and fixing of Polished Shabad/Tandur blue Slabas 15 to 18 mm thick (0.457M x 0.457M) in Single piece with the edges flat nosed and set over a base coat of CM (1:8), 12mm thick, and fixing in position with neat cement paste including cost and conveyance of all materials like cement, sand, water, stones etc. to site, seigniorage charges, sales and other taxes on all materials, all operational, incidental and labour charges such as dressing of stones to the required sizes, mixing of cement mortar, fixing in position, curing, lift charges etc., complete for finished item of work for Treads (APSS No.701 & 707)										
	TREADS										
	West, East & north Stair case lower flight	3	x	11	2.10	0.30		20.79			
	West, East & north Stair case upper flight	6	x	11	1.50	0.30		29.70			
	Mid landing	1	x	3	5.58	1.97		32.98			
	For entrance steps	3	x	7	5.50	0.30		34.65			
								118.12			
							Say	119.00	683.02	1 Sqm	81279.00

SNo	Description of work	No		L	B	D	Qty	Rate	Per	Amount
22	Supplying and fixing of Polished Shabad/Tandur blue Slabas 15 to 18 mm thick (0.457M x 0.457M) in Single piece with the edges flat nosed and set over a base coat of CM (1:3), 12mm thick, and fixing in position with neat cement paste including cost and conveyance of all materials like cement, sand, water, stones etc. to site, seigniorage charges, sales and other taxes on all materials, all operational, incidental and labour charges such as dressing of stones to the required sizes, mixing of cement mortar, fixing in position, curing, lift charges etc., complete for finished item of work For raisers (APSS No.701 & 707)									
	RAISERS									
	West, East & north Stair case lower flight	3	x	12	2.10		0.15			
								11.34		
	East, West & north Stair case upper flight	6	x	12	1.50		0.15			
								16.20		
	For entrance steps	3	x	8	5.50		0.15			
								19.80		
								47.34		
							Say	48.00	778.36	1 Sqm
										37361.00
23	Flooring with Ceramic Tiles of 7.3mm thick 1st. quality of Non-skid red or white full body Ceramic floor tiles of size not less than 300 x 300 mm and thickness between 7-8 size as approved by Engineer - in - charge set over a base coat of CM (1:8), 12mm thick laid over flooring bed / V.R.C.C. slab, with neat cement slurry of honey like consistency spread at the rate of 3.3 Kgs of cement per Sq.m and jointed with neat white cement paste to full depth mixed with pigment of matching shade including cost and conveyance of all materials like cement, sand, water, ceramic tiles etc. to site, sales and other taxes on all materials, all operational, incidental and labour charges such as mixing of cement mortar, laying, curing, lift charges etc., complete but excluding seigniorage charges for finished item of work.(APSS No.701 & 707)									
	West side toilet blocks	1	x	2	7.00	3.83		53.62		
	North side toilet blocks	1	x	1	7.00	3.83		26.81		
	East side toilet blocks	1	x	1	7.00	3.83		26.81		
								107.24		
							Say	108.00	905.30	1 Sqm
										97772.00
24	Dadoing to walls with any color glazed tiles 1st. quality of any size of brand as approved by Engineer - in - charge and set over a base coat of CM (1:5), 12mm thick and neat cement paste at the rate of 3.3 Kg/Sqmt. and jointed with white cement paste mixed with pigment of matching shade including cost and conveyance of all materials like cement, sand, water, tiles, etc. to site, sales and other taxes on all materials, C921 such as mixing of cement mortar, laying in position, curing, lift charges etc., complete but excluding seigniorage charges for finished item of work (APSS No.701 & 707) in All Floors									
	West wing girls toilet block WC around	1	x	5	4.94		1.5			37.05
	Deduct doors	-1	x	5	0.75		1.50			-5.63
	Passage L/s	1	x	2	7.00		1.50			21.00
	C/s	1	x	2	2.23		1.50			6.69
	Deduc doors	-1	x	1	1.20		1.50			-1.80
	West wing boys toilet block WC around	1	x	2	4.94		1.5			14.82
	Deduct doors	-1	x	2	0.75		1.50			-2.25
	Passage L/s	1	x	2	7.00		1.50			21.00
	C/s	1	x	2	2.23		1.50			6.69
	Deduc doors	-1	x	1	1.20		1.50			-1.80
	North wing girls toilet block WC around	1	x	5	4.94		1.5			37.05
	Deduct doors	-1	x	5	0.75		1.50			-5.63
	Passage L/s	1	x	2	7.00		1.50			21.00
	C/s	1	x	2	2.23		1.50			6.69
	Deduc doors	-1	x	1	1.20		1.50			-1.80
	East wing boys toilet block WC around	1	x	2	4.94		1.5			14.82

SNo	Description of work	No		L	B	D	Qty	Rate	Per	Amount	
	Deduct doors	-1	x	2	0.75		1.50	-2.25			
	Passage L/s	1	x	2	7.00		1.50	21.00			
	C/s	1	x	2	2.23		1.50	6.69			
	Deduct doors	-1	x	1	1.20		1.50	-1.80			
								191.54			
							Say	192.00	566.55	1 sqm	108778.00
25	Supplying and fixing of stainless steel hand railing as per approved drawing with top rail of 60.30mm dia (outer) 2mm thick pipe, vertical balusters of 60.30mm dia(outer) 2mm thick at 900mm c/c spacing (5 Nos)and 3 nos 33.40mm dia (outer) 1.6mm thick stainless steel pipes below top rail with equal spacings. The rate should include providing and using bonding agent, drilling of 25mm holes of fixing railing , polishing of all nos of railing thouroughly and also including cost and conveyance of all materials, electrodes, welding charges, cost of all consumables, labour charges such as for fabrication of SS pipes, buffing, polishing etc., complete for finished item of work.										
	For west wing staircase railing	2	x	1	3.60			7.20			
		1	x	2	3.60			7.20			
	For north wing	2	x	1	3.60			7.20			
		1	x	2	3.60			7.20			
	For East wing	2	x	1	3.60			7.20			
		1	x	2	3.60			7.20			
								43.20			
							Say	44.00	5723.00	1 Rmt	251812.00
26	Supply and fixing of e-3 Ceramic magnetic Green Chalk Board of size 8'0"x4'0" with viturious enamel coated sheet made up of 0.30 to 0.4mm thick steel sheet having 0.095 mm thick on top and 0.03mm min on the back supported with 9mm thick MDF board having bulk density of 750kg/m3 and laminated with 0.25 mm thick electro Galvanised steel sheet at the back both the top and backing sheet shall be properly fixed with MDF board using suitable adhesive to avoid any moisture absorption. Fixed in deluxe quality alluminium channels conforming to ISI standards including cost transportaion and all labour charges for fixing etc complete for finishing item of work.										
	Class rooms	1	x	18				18.00			
	Labs	1	x	6				6.00			
								24.00			
							Say	24.00	8256.40	1 No	198154.00
27	Painting to wood work with two coats of ready mixed synthetic enamel paint first quality all shades to give an even shade after thoroughly brushing the surface to remove all remains including cost and conveyance of all materials to site, sales & other taxes, all operational, incidental and labour charges etc., complete for finished item of work.(3 coats) (APSS No. 1201 & 1212).in All Floors										
	Doors	34	x	2.25	1.22		2.13	198.79			
							Say	199.00	207.35	1 sqm	41263.00
28	Painting to New walls with two coats of Acrylic Emulsion paint of superior quality of approved brand and shade over base coat of cement primer interior grade -I making three coats in all to give an even shade after thoroughly brushing the surface to remove all loose powdered materials, including cost and conveyance of all materials, including cost and conveyance of all materials, cost of brushes, water to site, etc., sales & other taxes, all operational, incidental and labour charges such as scaffolding charges, lift charges, curing etc., complete for finished item of work in all floors for internal Walls.(APSS No. 912) in All Floors										
	Ornamental Plastering							3890.00			
	Plastering 12mm thick							5340.00			
								9,230.00			
							Say	9,230.00	178.55	1 sqm	1648011.00

DETAILED CUM ABSTRACT ESTIMATE

Name of the Work:- Construction of Addl. Class Rooms (68 No's) & Labs (10 No's) to Tara Govt. Degree College at Sangareddy Town in Sangareddy District

FIRST FLOOR									
Sl. No	Description of work	No	L	B	D	Rs.			Amount
						Qty	Rate	Per	
1	Vibrated Reinforced Cement Concrete M 20 Design Mix (by weigh batching) using 20mm size (SS5) hard blasted Trap machine crushed graded metal (Coarse aggregate) from approved quarry, using a minimum quantity of 350 kgs. of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site and cost of all materials including centering using Casurina Bellies, Bamboos, Wooden Reapers, Runners, Wood Posts, Steel Centering Plates etc complete but excluding cost of steel and it's fabrication charges for finished item of work but excluding seigniorage charges (APSS No. 402 & 403)								
COLUMNS									
	C1	1	x	95	0.30	0.30	3.48	29.75	
	C2	1	x	100	0.30	0.60	3.45	62.10	
	C3	1	x	100	0.30	0.60	3.45	62.10	
								153.95	
							Say	154.00	13657.45 1 cum 2103247.00
ROOF BEAMS									
	West wing front beam L/s	1	x	1	150.38	0.23	0.30	10.38	
	Rear beam L/s	1	x	1	160.30	0.23	0.30	11.06	
	Middle beam L/s	1	x	1	152.61	0.23	0.30	10.53	
	Room C/s	1	x	46	6.63	0.23	0.45	31.57	
	Corridor C/s	1	x	46	2.16	0.23	0.30	6.86	
	Straight case MLB	1	x	1	5.58	0.30	0.45	0.75	
	Corridor br. beam L/s	1	x	1	150.38	0.23	0.30	10.38	
	North wing front & rear beam L/s	1	x	2	68.71	0.23	0.30	9.48	
	Middle beam L/s	1	x	1	68.71	0.23	0.30	4.74	
	Room cross /side	1	x	21	6.63	0.23	0.45	14.41	
	Corridor C/s	1	x	21	2.16	0.23	0.30	3.13	
	Stair case MLB	1	x	1	5.58	0.30	0.45	0.75	
	Corridor br. beam L/s	1	x	1	68.71	0.23	0.30	4.74	
	C/s	1	x	1	2.16	0.23	0.30	0.15	
	east wing, front, middle & rear L/s	1	x	3	107.40	0.23	0.30	22.23	
	Room C/s	1	x	33	6.63	0.23	0.45	22.65	
	Corridor C/s	1	x	33	2.16	0.23	0.30	4.92	
	Bresummer beam L/s	1	x	1	107.40	0.23	0.30	7.41	
	C/s	1	x	1	2.16	0.23	0.30	0.15	
								176.28	
							Say	177.00	11392.15 1 cum 2016411.00
Roof slab 125 mm thick									
	West wing over Corridor	1	x	1	150.38	2.46		369.93	
	North wing over Corridor	1	x	1	68.71	2.46		169.03	
	East wing over Corridor	1	x	1	107.40	2.46		264.20	
								803.16	
							Say	804.00	1375.80 1 SQM 1106143.00
Roof slab 150 mm thick									
	West wing over rooms	1	x	1	150.38	7.46		1121.83	
	North wing over rooms	1	x	1	68.71	7.46		512.58	
	East wing over rooms	1	x	1	107.40	7.46		801.20	
								2435.61	
							Say	2,436.00	1557.15 1 SQM 3793217.00
Waist slab 200 mm thick									
	West, East & norht wing stair case waist slab lower flight	3	x	1	3.60	2.12		22.90	

Sl. No	Description of work	No	L	B	D	Qty	Rate	Per	Amount
	West, East & north wing stair case waist slab upper flight	3 x 2	3.60	1.50		32.40			
	Mid landing	1 x 3	5.58	1.97		32.98			
						88.28			
					Say	89.00	1933.00	1 SQM	172037.00
3	Reinforced Cement Concrete M 20 Design Mix (by weigh batching) using 20mm size (SS5) hard blasted Trap machine crushed graded metal (Coarse aggregate) from approved quarry, using a minimum quantity of 350 kgs. of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site and cost of all materials including centering using Casurina Bellies, Bamboos, Wooden Reapers, Runners, Wood Posts, Steel Centering Plates etc, complete but excluding cost of steel and it's fabrication charges but excluding seigniorage charges for finished item of work (APSS No. 402 & 403)								
	LINTELS: (RCC)								
	West wing lintel over doors & windows frotn & rear	1 x 2	150.38	0.23	0.15	10.38			
	North wing lintel over doors & windows at front & rear	1 x 2	68.71	0.23	0.15	4.74			
	East wing	1 x 2	107.40	0.23	0.15	7.41			
						22.53			
					Say	23.00	13046.95	1 cum	300080.00
	SUNSHADE								
	North wing corridor front	1 x 1	150.38	0.60		90.23			
	Rear side over windwos	1 x 45	1.80	0.60		48.60			
	North wing corridor front	1 x 1	58.79	0.60		35.27			
	corridor cross side	1 x 1	3.29	0.60		1.97			
	rear side over windows	1 x 20	1.80	0.60		21.60			
	East wing corridor front	1 x 1	107.40	0.60		64.44			
	rear side over windows	1 x 32	1.80	0.60		34.56			
						296.67			
					Say	297.00	956.05	1 SQM	283947.00
4	Plain Cement Concrete M20 Design Mix (by weigh batching) using 20mm size (SS5) hard blasted Trap machine crushed graded metal (Coarse aggregate) from approved quarry, using a minimum quantity of 350 kgs. of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site and cost of all materials including steel centering, shuttering, machine mixing, laying concrete, lift charges, curing etc., complete but excluding seigniorage charges for finished item of work for steps								
	east, west & north Staircase Steps lower flight	0.5 x 36	1.15	0.30	0.15	0.93			
	Upper flight	0.5 x 72	1.15	0.30	0.15	1.86			
						2.79			
					Say	3.00	7,780.00	1 cum	23340.00
5	Brick Masonry in superstructure with CM (1:8) prop: using Fly ASH Bricks of size 290x225x140mm with compressive of 50 Kgs / Sqcm from approved source including cost and conveyance of all materials like cement, sand, fly ash bricks, water etc., to site, including sales & other taxes on all materials, all operational, incidental and labour charges such as mixing cement mortar, constructing masonry, scaffolding charges, lift charges, curing, etc., complete but excluding seigniorage charges for finished item of work. (APSS No. 501 & 504).								
	West wing corridor L/walls	1 x 1	150.38	0.23	1.20	41.50			
	Above bresummer	1 x 1	150.38	0.23	0.30	10.38			
	Middle L/wall	1 x 1	144.80	0.23	3.25	108.24			

Sl. No	Description of work	No	L	B	D	Qty	Rate	Per	Amount
	Rear L/wall	1 x 1	160.30	0.23	3.25	119.82			
	Toilets, labs, C rooms & stair case C/walls	1 x 14	6.63	0.23	3.10	66.18			
	Deduct doors	-1 x 16	1.20	0.23	2.10	-9.27			
	Windows	-1 x 74	1.50	0.23	1.35	-34.47			
	North wing corridor l/w	1 x 1	58.79	0.23	1.20	16.23			
	Above bresummer L/w	1 x 1	58.79	0.23	0.30	4.06			
	Middle L/wall	1 x 1	13.13	0.23	3.25	9.81			
	Rear L/wall	1 x 1	68.68	0.23	3.25	51.34			
	Toilets, C rooms & stair case C/walls	1 x 8	6.63	0.23	3.10	37.82			
	Deduct doors	-1 x 7	1.20	0.23	2.10	-4.06			
	Windows	-1 x 33	1.50	0.23	1.35	-15.37			
	East wing corridor L/w	1 x 1	107.40	0.23	1.20	29.64			
	above bresummer beam	1 x 1	107.40	0.23	0.30	7.41			
	Class Rooms middle L/w	1 x 1	107.40	0.23	3.25	80.28			
	Class room rear L/w	1 x 1	107.40	0.23	3.25	80.28			
	Class room C/w	1 x 13	6.63	0.23	3.10	61.45			
	Deduct doors	-1 x 11	1.20	0.23	2.10	-6.38			
	windows	-1 x 52	1.50	0.23	1.35	-24.22			
						630.67			
					Say	631.00	7279.70	1 cum	4593491.00
6	Reinforced Fly Ash Brick Masonry 10cm thick for partition walls in CM (1:4) prop: Fly Bricks of size 290x100x140mm with compressive of 50 Kgs / Sqcm from approved source and placing 2nos. of 6mm dia MS bars embedded in every 3rd layer with free ends of reinforcement keyed into mortar joints of the main brick work wherever applicable including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, sales & other taxes on all materials, all operational, incidental and labour charges such as mixing cement mortar, constructing masonry, scaffolding charges, lift charges, curing, etc., but excluding cost and conveyance of steel and its fabrication charges & cement charges								
	West wing Girls Toilet block WC L/ws	1 x 1	7.00		2.70	18.90			
	C/w	1 x 4	1.27		2.70	13.72			
	Deduct doors	-1 x 5	0.75		2.10	-7.88			
	Boys toilet Blcok WC L/w	1 x 1	2.62		2.10	5.50			
	WC C/ws	1 x 2	1.27		2.70	6.86			
	Deduct doors	-1 x 2	0.75		2.10	-3.15			
	North wing staff toilet blocks WC L/w	1 x 1	7.00		2.70	18.90			
	C/w	1 x 4	1.27		2.70	13.72			
	Deduct doors	-1 x 5	0.75		2.10	-7.88			
	East wing Boys toilet block WC L/w	1 x 1	2.62		2.10	5.50			
	C/w	1 x 2	1.27		2.70	6.86			
						71.05			
					Say	72.00	885.00	1 Sqm	63720.00
7	Supply and Fixing of Door with Double leaf shutter, Door Size 1.22x2.13 mtrs with Medium teak wood Frame of sections size 75mm x 100mm with Flush Door Shutter Solid Bond Wood black board type with commercial ply on both faces of 35mm thick including cost of fixtures such as SS Tower Bolts 250mm long 2 Nos, SS Handles 150mm long 2 Nos, 300mm long SS Aldrops 1No, 125mm long SS butt hinges 6Nos, 300mm long Aluminium Flat latch 1No, Aluminium Door stoppers 2 Nos, MS Hold fasts 6Nos, Sales and Other Taxes cost and conveyance of all materials to site all Labour charges such as Fixing of Door Frame on shutter Fixing in position , with Hardware fixtures etc., complete for finished item of work.								
		1 x 34				34.00			
						34.00	13899.00	Nos	472566.00

Sl. No	Description of work	No	L	B	D	Qty	Rate	Per	Amount		
8	Providing & Fixing of Open able Windows with Flymesh made of pre-painted steel as per IS 513 of 0.58mm thick galvanized as per IS 277 finish painted with a polyester paint and the section for outer frame of 72 x 55mm, centre mullion of 72 x 50mm, section for fixed glass beading section of 12 x 12 mm and section for shutters of 48 x 25 mm and outer frame & mullion sections with rebate for glazed shutters, fly mesh and a 20 mm provision for guard bars/grills and fly mesh shutter section of 20 x 40 mm, stay, handles, latch 2 Nos of heavy duty stainless steel pivot hinges per shutter and panelled with 0.5 mm thick Galvalume corrugated sheet and S.S. Mesh for fly mesh shutter (304 grade), fitted using rubber gaskets including fixing the windows in the concrete/masonry wall by means of self expanding screws, including 10mm Square guard bars with 6" (152.4mm) pitch , complete for Centre fixed both side open able shutter window for a size 5'0"x4'0" (1524mm x1219.2mm).	1	x	181	1.52		1.35	371.41			
							Say	372.00	8692.00	1 Sqm	3233424.00
9	Providing and fixing of louvered Ventilators made of pre-painted steel as per IS 513 of 0.80 mm thick galvanized as per IS 277 with a polyester paint with and fitted with 4 mm thick plain float glass including fixing the frames in concrete/masonry wall by means of self expanding screws, etc., complete for finished item of work for (i) Single fixed Louvers Ventilator size of 2' 0" x 2' 0" (609.6 x 609.6mm) outer frame box section size of 80 x 45mm and (ii) Double fixed Louvers ventilator Size of 4' 0" x 2' 0" (1219.2mm x 609.6mm) outer frame box section size of 80 x 45mm, vertical mullion section size of 80 x 60 mm and (iii) Double fixed Louvers Ventilator size of 4'0" x 3'0" (1219.2mm x 914.4mm) outer frame box section size of 80 x 45mm , Vertical mullion section size of 80 x 60 mm	1	x	34	1.22		0.30	12.44			
		1	x	63	1.50		0.30	28.35			
								40.79			
							Say	41.00	5067.00	1 Sqm	207747.00
10	Providing and fixing factory made polyvinyl chloride (PVC) Door Frame of the size 50 x 47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet, mitre cut at two corners and joined with 2nos. of 150mm long brackets of 15x15mm M.S. square tube. The two vertical door profiles are to be reinforced with 19x19mm M.S. Square tube of 19 gauge. The door frame shall be fixed to the wall using 65/100mm long M.S. Screws through the frame by using PVC fasteners. A minimum of 4nos. of screws to be provided for each vertical member & minimum 2nos. for horizontal member etc. complete as per manufacturers specification and direction of Engineer-in-Charge for finished item of work	1	x	5	5.00			25.00			
	West wing Girls toilet	1	x	5	5.00			10.00			
	Boys	1	x	2	5.00			25.00			
	North wing staff toilet	1	x	5	5.00			10.00			
	East wing boys toilet	1	x	2	5.00			70.00			
							Say	70.00	357.90	1 Rmt	25053.00
11	Providing and fixing 30mm thick Solid panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for stiles, & 15mm x 15mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame shall be covered with 5mm thick heat moulded PVC 'C' channel of size 30 x 50mm forming stiles, and 5mm thick, 75mm wide PVC sheets for top rail, lock rail & bottom rail on either side, and 10mm (5mm x 2) thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail. Panelling of 10mm thick PVC sheet to be fitted in the M.S. frame welded / sealed to the stiles & rails with 30mm wide x 5mm thick PVC sheet beading on either side, and joined together with solvent cement adhesive etc. An additional 5mm thick PVC sheet to be provided for the top rail & bottom rail.	1	x	5	0.75		2.10	7.88			
	West wing Girls toilet	1	x	2	0.75		2.10	3.15			
	Boys	1	x	5	0.75		2.10	7.88			
	North wing staff toilet	1	x	2	0.75		2.10	3.15			
	East wing boys toilet							22.06			

Sl. No	Description of work	No	L	B	D	Qty	Rate	Per	Amount		
						Say	23.00	2604.10	1 Sqm	59894.00	
12	Plain Cement Concrete corresponding to M10 grade as per IS 456 equivalent to (1:3:6) proportion nominal mix (cement: fine aggregate: Coarse aggregate) using 20mm size Hard Blasted Granite (IS383, 1970) Machine Crushed graded metal from from approved quarry including cost and conveyance of all materials like cement, sand, coarse aggregate, water etc. to site, including seigniorage charges, sales & other taxes on all materials, all operational, incidental and labour charges such as mixing, laying, curing concrete, etc., complete for finished item of work for Bed Blocks and Hold Fast (APSS No. 402)										
	Doors	28	x	6	0.23	0.23	0.15	1.33			
							Say	1.50	6200.75	1 cum	9301.00
13	Ornamental Plastering 12mm thick in two coats with base coat of 8mm thick in CM (1:5) and top coat of 4mm thick in CM (1:3) dubara sponge finish including cost and conveyance of all materials like cement, sand, water etc., to site, sales & other taxes on all materials, all operational, incidental and labour charges such as mixing mortar, scaffolding charges, lift charges, including cutting of Grooves wherever necessary as directed by Engineer - in - charge, finishing, curing, etc., complete for Even Surfaces of Wall but excluding seigniorage charges for finished item of work. (APSS 901,903 & 904)										
	West wing toilet ceiling	1	x	2	7.00	3.83		53.62			
	Lab ceiling	1	x	4	19.23	7.00		538.44			
	beam sides	4	x	10	7.00	0.45		126.00			
	Class room ceiling	1	x	6	9.50	7.00		399.00			
	beams sides	6	x	4	7.00	0.45		75.60			
	Corridor ceiling	1	x	1	150.38	3.06		460.16			
	Beams sides	46	x	2	2.16	0.30		59.62			
	Rear side sunshades bottom	1	x	45	1.80	0.60		48.60			
	Corridor front chajja bottom	1	x	1	150.38	0.60		90.23			
	Waist slab lower flight bottom	1	x	1	3.60	2.12		7.63			
	Upper flight bottom	1	x	2	3.60	1.50		10.80			
	North side class rooms ceiling	1	x	6	9.50	7.00		399.00			
	beam sides	6	x	4	7.00	0.45		75.60			
	Toilet ceiling	1	x	1	7.00	3.83		26.81			
	Corridor ceiling	1	x	1	68.48	3.06		209.55			
	beam sides	20	x	2	2.16	0.30		25.92			
	Staricase waist slab lower flight bottom	1	x	1	3.60	2.12		7.63			
	Staricase waist slab upper flight bottom	2	x	1	3.60	1.50		10.80			
	Corridor front side chajja bottom	1	x	1	58.19	0.60		34.91			
	Corridor cross side chajja bottom	1	x	1	3.29	0.60		1.97			
	Rear side sunshades bottom	1	x	20	1.80	0.60		21.60			
	East wing class rooms ceiling	1	x	10	9.50	7.00		665.00			
	beam sides	10	x	4	7.00	0.45		126.00			
	Toilet ceiling	1	x	1	7.00	3.83		26.81			
	Corridor ceiling	1	x	1	107.40	3.06		328.64			
	beam sides	33	x	2	2.16	0.30		42.77			
								3,872.71			
							Say	3,875.00	566.51	1 Sqm	2195226.00

Sl. No	Description of work	No	L	B	D	Qty	Rate	Per	Amount		
14	Plastering 12mm thick in two coats with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) dubara sponge finish including cost and conveyance of all materials like cement, sand, water etc., to site, sales & other taxes on all materials, all operational, incidental and labour charges such as mixing mortar, scaffolding charges, lift charges, including cutting of Grooves wherever necessary as directed by Engineer - in - charge, finishing, curing, etc., complete but excluding seigniorage charges for Even Surfaces of Wall for finished item of work. (APSS 901,903 & 904)										
	Internal walls										
	West wing inside of labs around	1	x	4	52.46		3.45		723.95		
	Cols sides	4	x	20	0.37		3.45		102.12		
	Inside class rooms around	1	x	6	33.00		3.45		683.10		
	Cols sides	6	x	8	0.37		3.45		61.27		
	Toilet block around	2	x	1	10.83		3.45		74.73		
	Corridor room side L/w	1	x	1	150.38		3.45		518.81		
	North wing in class rooms around	1	x	6	33.00		3.45		683.10		
	Cols sides	6	x	8	0.37		3.45		61.27		
	Toilet block around	1	x	1	10.83		3.45		37.36		
	Corridor room side L/w	1	x	1	68.71		3.48		239.11		
	inside parapet wall L/w	1	x	1	58.79		1.13		66.43		
	Cols around	1	x	17	1.20		1.95		39.78		
	above br. beam	1	x	1	68.40		0.60		41.04		
	stair case L/w	1	x	2	7.23		3.60		52.06		
	C/w	1	x	1	5.58		3.60		20.09		
	Deduct doors	-1	x	7	1.2		2.1		-17.64		
	windows	-1	x	33	1.50		1.35		-66.83		
	East wing class room around	1	x	10	33.00		3.45		1138.50		
	Cols sides	10	x	8	0.37		3.45		102.12		
	Toilet block around	1	x	1	21.66		3.45		74.73		
	Corridor room side L/w	1	x	1	53.21		3.48		185.17		
	inside parapet wall	1	x	1	107.40		1.13		121.36		
	Cols around	1	x	33	1.20		1.95		77.22		
	above br. beam	1	x	1	107.40		0.60		64.44		
	Deduct doors	-1	x	11	1.20		2.10		-27.72		
	windows	-1	x	52	1.50		1.35		-105.30		
	North wing Toilet WC's around	1	x	5	4.94		1.20		29.64		
	Deduct doors	-1	x	5	0.75		0.60		-2.25		
	East boys wing toilet block WC's around	1	x	2	4.94		1.20		11.86		
	Deduct doors	-1	x	2	0.75		0.60		-0.90		
							4988.62				
							Say	4,990.00	543.20	1 Sqm	2710568.00
15	Plastering 12mm thick in two coats with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) dubara sponge finish including cost and conveyance of all materials like cement, sand, water etc., to site, sales & other taxes on all materials, all operational, incidental and labour charges such as mixing mortar, scaffolding charges, lift charges, including cutting of Grooves wherever necessary as directed by Engineer - in - charge, finishing, curing, etc., complete but excluding seigniorage charges for Even Surfaces of Wall for finished item of work. (APSS 901,903 & 904)										
	External walls										
	West block Rear L/s	1	x	1	160.30		3.60		577.08		
	Corridor front parapet	1	x	1	160.30		1.20		192.36		
	front above Br. wall & top of chajja	1	x	1	150.38		1.60		240.61		
	Rear side chajja top	1	x	45	1.90		0.65		55.58		

Sl. No	Description of work	No	L	B	D	Qty	Rate	Per	Amount
	North block Rear L/wall	1 x 1	68.71		3.60	247.36			
	Room C/wall	1 x 1	7.46		3.60	26.86			
	Corridor C/wall	1 x 1	2.46		1.20	2.95			
	Corridor front parapet	1 x 1	58.79		1.20	70.55			
	above Br. and top of chajja	1 x 1	58.79		1.60	94.06			
	Rear side sunshades top	1 x 20	1.90		0.65	24.70			
	East wing rearL/w	1 x 1	107.40		3.60	386.64			
	Sunshaded top	1 x 32	1.90		0.65	39.52			
	Room cross walls	1 x 2	7.46		3.60	53.71			
	Corridor cross wall	1 x 1	2.46		1.20	2.95			
	Corridor front parapet	1 x 1	107.40		1.20	128.88			
	above Br. and top of chajja	1 x 1	107.40		1.60	171.84			
						2315.65			
					Say	2,320.00	543.20	1 Sqm	1260224.00
16	Flooring with Nano polished vitrified floor tiles of 1st quality and make as approved by Engineer-in-charge of size not less than 600 mm x 600 mm , 8mm thickness regular finish and normal colours with borders and design as per the approved flooring pattern as directed by the Engineer-In -Charge, laying tiles using spacers of 2mm thick, set over a base coat of CM (1:8) prop. 12mm thick using screened sand over CC bed already laid or RCC roof slab , including neat cement slurry of honey like consistency spread @ 3.3 kgs per Sqm. and jointed neatly with white cement paste to full depth mixed with pigment of matching shade including cost and conveyance of all materials like cement, sand, water, tiles, white cement etc., to site (excluding cost of C.C. bed) including cost of base coat and all labour charges for mixing of cement mortar, laying tiles to required slope as directed by the Engineer-in-charge etc.,and overheads & contractors profit complete for finished item of work. (APSS No.701 & 707)								
	West wing in CRs	1 x 6	9.50	7.00		399.00			
	In labs	1 x 4	19.23	7.00		538.44			
	stair case	1 x 1	7.23	5.58		40.34			
	Corridor	1 x 1	150.38	2.23		335.35			
	North wing in CR's	1 x 6	9.50	7.00		399.00			
	in stair case	1 x 1	7.23	5.58		40.34			
	Corridor	1 x 1	68.48	2.23		152.71			
	East wing in CR's	1 x 10	9.50	7.00		665.00			
	In Corridor	1 x 1	107.40	2.23		239.50			
						2,809.68			
					Say	2,810.00	1110.26	1 sqm	3119825.00
17	Providing skirting to internal walls to 10 cm height with Nano polished vitrified tiles 8mm thick , regular finish and normal colour, length equal to flooring tiles, set over base coat of CM(1:5) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc.,and overheads & contractors profit complete for finished item of work.(APSS No.701 &707)								
	West wing in CR's	1 x 6	33.00		0.125	24.75			
	In labs	1 x 4	52.46		0.125	26.23			
	stair case	1 x 1	20.04		0.125	2.51			
	Corridor	1 x 2	150.38		0.125	37.60			
	North wing in CR's	1 x 6	33.00		0.125	24.75			
	in stair case	1 x 1	20.04		0.125	2.51			
	Corridor	1 x 2	68.48		0.125	17.12			
	East wing in CR's	1 x 10	33.00		0.125	41.25			
	In Corridor	1 x 2	107.40		0.125	26.85			
						203.57			
					Say	204.00	1122.01	1 sqm	228890.00

Sl. No	Description of work	No	L	B	D	Qty	Rate	Per	Amount		
18	Supplying and fixing of Polished Shabad/Tandur blue Slabas 15 to 18 mm thick (0.457M x 0.457M) in Single piece with the edges flat nosed and set over a base coat of CM (1:8), 12mm thick, and fixing in position with neat cement paste including cost and conveyance of all materials like cement, sand, water, stones etc. to site, seigniorage charges, sales and other taxes on all materials, all operational, incidental and labour charges such as dressing of stones to the required sizes, mixing of cement mortar, fixing in position, curing, lift charges etc., complete for finished item of work for Treads (APSS No.701 & 707)										
	TREADS										
	West, East & north Stair case lower flight	3	x	11	2.10	0.30			20.79		
	West, East & north Stair case upper flight	6	x	11	1.50	0.30			29.70		
	Mid landing	1	x	3	5.58	1.97			32.98		
	For entrance steps	3	x	7	5.50	0.30			34.65		
									118.12		
							Say	119.00	719.52	1 sqm	85623.00
19	Supplying and fixing of Polished Shabad/Tandur blue Slabas 15 to 18 mm thick (0.457M x 0.457M) in Single piece with the edges flat nosed and set over a base coat of CM (1:3), 12mm thick, and fixing in position with neat cement paste including cost and conveyance of all materials like cement, sand, water, stones etc. to site, seigniorage charges, sales and other taxes on all materials, all operational, incidental and labour charges such as dressing of stones to the required sizes, mixing of cement mortar, fixing in position, curing, lift charges etc., complete for finished item of work For raisers (APSS No.701 & 707)										
	RAISERS										
	West, East & north Stair case lower flight	3	x	12	2.10		0.15		11.34		
	West, east & north Stair case upper flight	6	x	12	1.50		0.15		16.20		
	For entrance steps	3	x	8	5.50		0.15		19.80		
									47.34		
							Say	48.00	821.94	1 sqm	39453.00
20	Flooring with Ceramic Tiles of 7.3mm thick 1st. quality of Non-skid red or white full body Ceramic floor tiles of size not less than 300 x 300 mm and thickness between 7-8 size as approved by Engineer - in - charge set over a base coat of CM (1:8), 12mm thick laid over flooring bed / V.R.C.C. slab, with neat cement slurry of honey like consistency spread at the rate of 3.3 Kgs of cement per Sq.m and jointed with neat white cement paste to full depth mixed with pigment of matching shade including cost and conveyance of all materials like cement, sand, water, ceramic tiles etc. to site, sales and other taxes on all materials, all operational, incidental and labour charges such as mixing of cement mortar, laying, curing, lift charges etc., complete but excluding seigniorage charges for finished item of work.(APSS No.701 & 707)										
	West side toilet blocks	1	x	2	7.00	3.83			53.62		
	North side toilet blocks	1	x	1	7.00	3.83			26.81		
	East side toilet blocks	1	x	1	7.00	3.83			26.81		
									107.24		
							Say	108.00	950.20	1 sqm	102622.00
21	Dadoing to walls with any color glazed tiles 1st. quality of any size of brand as approved by Engineer - in - charge and set over a base coat of CM (1:5), 12mm thick and neat cement paste at the rate of 3.3 Kg/Sqmt. and jointed with white cement paste mixed with pigment of matching shade including cost and conveyance of all materials like cement, sand, water, tiles, etc. to site, sales and other taxes on all materials, C921 such as mixing of cement mortar, laying in position, curing, lift charges etc., complete but excluding seigniorage charges for finished item of work (APSS No.701 & 707) in All Floors										
	West wing girls toilet block WC around	1	x	5	4.94		1.5		37.05		
	Deduct doors	-1	x	5	0.75		1.50		-5.63		

Sl. No	Description of work	No	L	B	D	Qty	Rate	Per	Amount
	Passage L/s	1 x 2	7.00		1.50	21.00			
	C/s	1 x 2	2.23		1.50	6.69			
	Deduc doors	-1 x 1	1.20		1.50	-1.80			
	West wing boys toilet block WC around	1 x 2	4.94		1.5	14.82			
	Deduct doors	-1 x 2	0.75		1.50	-2.25			
	Passage L/s	1 x 2	7.00		1.50	21.00			
	C/s	1 x 2	2.23		1.50	6.69			
	Deduc doors	-1 x 1	1.20		1.50	-1.80			
	North wing girls toilet block WC around	1 x 5	4.94		1.5	37.05			
	Deduct doors	-1 x 5	0.75		1.50	-5.63			
	Passage L/s	1 x 2	7.00		1.50	21.00			
	C/s	1 x 2	2.23		1.50	6.69			
	Deduc doors	-1 x 1	1.20		1.50	-1.80			
	East wing boys toilet block WC around	1 x 2	4.94		1.5	14.82			
	Deduct doors	-1 x 2	0.75		1.50	-2.25			
	Passage L/s	1 x 2	7.00		1.50	21.00			
	C/s	1 x 2	2.23		1.50	6.69			
	Deduct doors	-1 x 1	1.20		1.50	-1.80			
						191.55			
						Say 192.00	577.60	1 sqm	110899.00
22	Supplying and fixing of stainless steel hand railing as per approved drawing with top rail of 60.30mm dia (outer) 2mm thick pipe, vertical balusters of 60.30mm dia(outer) 2mm thick at 900mm c/c spacing (5 Nos)and 3 nos 33.40mm dia (outer) 1.6mm thick stainless steel pipes below top rail with equal spacings. The rate should include providing and using bonding agent, drilling of 25mm holes of fixing railing , polishing of all nos of railing thouroughly and also including cost and conveyance of all materials, electrodes, welding charges, cost of all consumables, labour charges such as for fabrication of SS pipes, buffing, polishing etc., complete for finished item of work.								
	For west wing staircase railing	2 x 1	3.60			7.20			
		1 x 2	3.60			7.20			
	For north wing	2 x 1	3.60			7.20			
		1 x 2	3.60			7.20			
	For East wing	2 x 1	3.60			7.20			
		1 x 2	3.60			7.20			
						43.20			
						Say 44.00	5723.00	1 Rmt	251812.00
23	Supply and fixing of e-3 Ceramic magnetic Green Chalk Board of size 8'0"x4'0" with viturious enamil coated sheet made up of 0.30 to 0.4mm thick steel sheet having 0.095 mm thick on top and 0.03mm min on the back supported with 9mm thick MDF board having bulk density of 750kg/m3 and laminated with 0.25 mm thick electro Galvanised steel sheet at the back both the top and backing sheet shall be properly fixed with MDF board using suitable adhesive to avoid any moisture absorption. Fixed in deluxe quality alluminium channels confirming to ISI standards including cost transportaion and all labour charges for fixing etc complete for finshing item of work.								
		1 x 26				26.00			
						Say 26.00	8256.40	1 No	214666.00
24	Painting to New wood work with two coats of ready mixed synthetic enamel paint Grade I all shades to give an even shade over base coat Primer with Luppam finishing after thoroughly brushing the surface to remove all remains including cost and conveyance of all materials to site, sales & other taxes, all operational, incidental and labour charges etc., complete for finished item of work.(3 coats) (APSS No. 1201 & 1212).in All Floors								
		34 x 2.25	1.22		2.13	198.79			
						Say 199.00	207.35	1 sqm	41263.00

Sl. No	Description of work	No	L	B	D	Qty	Rate	Per	Amount
25	Painting to New walls with two coats of Acrylic Emulsion paint of superior quality of approved brand and shade over base coat of cement primer interior grade -I making three coats in all to give an even shade after thoroughly brushing the surface to remove all loose powdered materials, including cost and conveyance of all materials, including cost and conveyance of all materials, cost of brushes, water to site, etc., sales & other taxes, all operational, incidental and labour charges such as scaffolding charges, lift charges, curing etc., complete for finished item of work in all floors for internal Walls.(APSS No. 912) in All Floors								
	Ornamental Plastering					3875.00			
	Plastering 12mm thick					4990.00			
						Say 8,865.00	178.55	1 sqm	1582846.00
26	Painting to New walls with two coats of Acrylic Emulsion paint of superior quality of approved brand and shade over base coat of cement primer exterior grade -II making three coats in all to give an even shade after thoroughly brushing the surface to remove all loose powdered materials, including cost and conveyance of all materials, including cost and conveyance of all materials, cost of brushes, water to site, etc., sales & other taxes, all operational, incidental and labour charges such as scaffolding charges, lift charges, curing etc., complete for finished item of work in all floors for external Walls.(APSS No. 912) in All Floors								
	Plastering 12mm thick Ext					2320.00			
						Say 2,320.00	247.20	1 sqm	573498.00
28	Providing High Yield Strength Deformed (HYSD) steel bars (Fe 500 grade as per IS 1786-1985) of 8mm to 40mm diameters, (TATA, SAIL, VSP,JSW & Shyam Steel) cutting, bending, to required sizes and shapes placing in position with cover blocks of approved size and binding wire of 20SWG, forming grills for reinforcement work as per approved designs and drawings including cost and conveyance of bars from approved sources to site of work, including cost and conveyance of binding wire, cover blocks, chairs, overlaps, spacers, dowels, wastage etc., and all operational, incidental, and labour charges such as cutting, bending, placing in position, tying etc., and sales & other taxes, on cost of all materials complete for finished item of work (APSS No.126)								
	Columns		154.00	Cum	120.00	18480.00			
	Roof Beams		177.00	Cum	120.00	21240.00			
	125mm thick slab		100.50	Cum	120.00	12060.00			
	150mm thick slab		365.40	Cum	120.00	43848.00			
	200mm thick waist slab		17.80	Cum	120.00	2136.00			
	Lintels		23.00	Cum	90.00	2070.00			
	Sunshades		18.56	Cum	90.00	1670.63			
						101,504.63			
						101.50			
						Say 102.00	87474.50	1 MT	8922399.00
							FF TOTAL >>>		39903432.00

Asst. Engineer
TSEWIDC, Sangareddy

Dy.Executive Engineer
TSEWIDC, Sangareddy

Executive Engineer
TSEWIDC, Medak at Sangareddy

DETAILED CUM ABSTRACT ESTIMATE

Name of the Work:- Construction of Addl. Class Rooms (68 No's) & Labs (10 No's) to Tara Govt. Degree College at Sangareddy Town in Sangareddy District

SECOND FLOOR									
Sl. No	Description of work	No	L	B	D	Qty	Rate	Per	Amount
1	Vibrated Reinforced Cement Concrete M 20 Design Mix (by weigh batching) using 20mm size (SS5) hard blasted Trap machine crushed graded metal (Coarse aggregate) from approved quarry, using a minimum quantity of 350 kgs. of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site and cost of all materials including centering using Casurina Bellies, Bamboos, Wooden Reapers, Runners, Wood Posts, Steel Centering Plates etc complete but excluding cost of steel and it's fabrication charges for finished item of work but excluding seigniorage charges (APSS No. 402 & 403)								
COLUMNS									
	For West, north & east wing	1	x	95	0.30	0.30	3.48	29.75	
	C1	1	x	100	0.30	0.60	3.45	62.10	
	C2	1	x	100	0.30	0.60	3.45	62.10	
	C3	1	x	100	0.30	0.60	3.45	62.10	
								153.95	
							Say	154.00	14323.60 1 cum 2205834.00
ROOF BEAMS									
	West wing front beam L/s	1	x	1	150.38	0.23	0.30	10.38	
	Rear beam L/s	1	x	1	160.30	0.23	0.30	11.06	
	Middle beam L/s	1	x	1	152.61	0.23	0.30	10.53	
	Room C/s	1	x	46	6.63	0.23	0.45	31.57	
	Corridor C/s	1	x	46	2.16	0.23	0.30	6.86	
	Straight case MLB	1	x	1	5.58	0.30	0.45	0.75	
	Corridor br. beam L/s	1	x	1	150.38	0.23	0.30	10.38	
	North wing front & rear beam L/s	1	x	2	68.71	0.23	0.30	9.48	
	Middle beam L/s	1	x	1	68.71	0.23	0.30	4.74	
	Room cross /side	1	x	21	6.63	0.23	0.45	14.41	
	Corridor C/s	1	x	21	2.16	0.23	0.30	3.13	
	Stair case MLB	1	x	1	5.58	0.30	0.45	0.75	
	Corridor br. beam L/s	1	x	1	68.71	0.23	0.30	4.74	
	C/s	1	x	1	2.16	0.23	0.30	0.15	
	East wing front, middle & rear L/s	1	x	3	107.40	0.23	0.30	22.23	
	Room C/s	1	x	33	6.63	0.23	0.45	22.65	
	Corridor C/s	1	x	33	2.16	0.23	0.30	4.92	
	br. beam L/s	1	x	1	107.40	0.23	0.30	7.41	
	C/s	1	x	1	2.16	0.23	0.30	0.15	
								176.28	
							Say	177.00	11836.70 1 cum 2095096.00
Roof slab 125 mm thick									
	West wing over Corridor	1	x	1	150.38	2.46		369.93	
	North wing over Corridor	1	x	1	68.71	2.46		169.03	
	East wing over Corridor	1	x	1	107.40	2.46		264.20	
								803.16	
							Say	804.00	1428.80 1 SQM 1148755.00
Roof slab 150 mm thick									
	West wing over rooms	1	x	1	150.38	7.46		1121.83	
	North wing over rooms	1	x	1	68.71	7.46		512.58	
	East wing over rooms	1	x	1	107.40	7.46		801.20	
								2435.61	
							Say	2,436.00	1615.60 1 SQM 3935602.00
Waist slab 200 mm thick									
	West, east wing stair case waist slab lower flight	3	x	1	3.60	2.12		22.90	

	West, east wing stair case waist slab upper flight	3	x	2	3.60	1.50		32.40				
	Mid landing	1	x	3	5.58	1.97		32.98				
								88.28				
								Say	89.00	2003.15	1 SQM	178280.00
3	Providing impervious coat with required slopes in CM (1:3) prop. 20mm thick (average) mixed with water proofing compound manufactured by reputed manufacturers as approved by Engineer-in-charge at 1Kg/bag of cement, laid over roof slab when it is green, finished smooth with a floating coat of neat cement and thread lining at regular intervals of 45cmx45cm including cost and conveyance of all materials like cement, sand, water proofing compound, water etc., to site, sales & other taxes on all materials, all operational, incidental and labour charges such as mixing mortar, laying, rounding off at junctions of wall and slab, rendering smooth with thread lining, curing, lift charges, etc., complete but excluding seigniorage charges for finished item of work (APSS No. 901 & 903).											
	West wing over rooms	1	x	1	150.38	7.46		1121.83				
	North wing over rooms	1	x	1	68.71	7.46		512.58				
	East wing over rooms	1	x	1	107.40	7.46		801.20				
								2435.61				
								Say	2,436.00	629.10	1 SQM	1532488.00
3	Reinforced Cement Concrete M 20 Design Mix (by weigh batching) using 20mm size (SS5) hard blasted Trap machine crushed graded metal (Coarse aggregate) from approved quarry, using a minimum quantity of 350 kgs. of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site and cost of all materials including centering using Casurina Bellies, Bamboos, Wooden Reapers, Runners, Wood Posts, Steel Centering Plates etc, complete but excluding cost of steel and it's fabrication charges but excluding seigniorage charges for finished item of work (APSS No. 402 & 403)											
	LINTELS: (RCC)											
	West wing lintel over doors & windows frotn & rear	1	x	2	150.38	0.23	0.15	10.38				
	North wing lintel over doors & windows at front & rear	1	x	2	68.71	0.23	0.15	4.74				
	East wing	1	x	2	107.40	0.23	0.15	7.41				
								22.53				
								Say	23.00	13635.95	1 cum	313627.00
	SUNSHADE											
	North wing corridor front	1	x	1	150.38	0.60		90.23				
	Rear side over windwos	1	x	45	1.80	0.60		48.60				
	North wing corridor front	1	x	1	58.79	0.60		35.27				
	corridor cross side	1	x	1	3.29	0.60		1.97				
	rear side over windows	1	x	20	1.80	0.60		21.60				
	East wing corridor front	1	x	1	107.40	0.60		64.44				
	rear side over windows	1	x	32	1.80	0.60		34.56				
								296.67				
								Say	297.00	999.10	1 SQM	296733.00
4	Plain Cement Concrete M20 Design Mix (by weigh batching) using 20mm size (SS5) hard blasted Trap machine crushed graded metal (Coarse aggregate) from approved quarry, using a minimum quantity of 350 kgs. of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site and cost of all materials including steel centering, shuttering, machine mixing, laying concrete, lift charges, curing etc., complete but excluding seigniorage charges for finished item of work for steps											
	East, west & north Lower	0.5	x	36	2.12	0.30	0.15	1.72				
	East, west & north upper	0.5	x	72	1.50	0.30	0.15	2.43				
								4.15				
								Say	5.00	7,930.70	1 cum	39654.00

5	Brick Masonry in superstructure with CM (1:8) prop: using Fly ASH Bricks of size 290x225x140mm with compressive of 50 Kgs / Sqcm from approved source including cost and conveyance of all materials like cement, sand, fly ash bricks, water etc., to site, including sales & other taxes on all materials, all operational, incidental and labour charges such as mixing cement mortar, constructing masonry, scaffolding charges, lift charges, curing, etc., complete but excluding seigniorage charges for finished item of work. (APSS No. 501 & 504).									
	West wing corridor L/w	1	x	1	150.38	0.23	1.20	41.50		
	above Br. beam	1	x	1	150.38	0.23	0.30	10.38		
	Middle L/wall	1	x	1	144.80	0.23	3.25	108.24		
	Rear L/wall	1	x	1	160.30	0.23	3.25	119.82		
	Class Rooms, stair case & toilet C/walls	1	x	18	6.63	0.23	3.10	85.09		
	Deduct doors	-1	x	16	1.20	0.23	2.10	-9.27		
	windows	-1	x	74	1.50	0.23	1.35	-34.47		
	North wing corridor l/w	1	x	1	58.79	0.23	1.20	16.23		
	Above bresummer L/w	1	x	1	58.79	0.23	0.30	4.06		
	Middle L/wall	1	x	1	631.00	0.23	3.25	471.67		
	Rear L/wall	1	x	1	68.68	0.23	3.25	51.34		
	Toilets, C rooms & stair case C/walls	1	x	8	6.63	0.23	3.10	37.82		
	Deduct doors	-1	x	7	1.20	0.23	2.10	-4.06		
	Windows	-1	x	33	1.50	0.23	1.35	-15.37		
	East wing Corridor parapet L/w	1	x	1		0.23				
					107.40		1.20	29.64		
	above Br, L/w	1	x	1	107.40	0.23	0.30	7.41		
	Class room front L/w	1	x	1	107.40	0.23	3.25	80.28		
	Rear L/wall	1	x	1	107.40	0.23	3.25	80.28		
	C/ws	1	x	13	6.63	0.23	3.10	61.45		
	Deduct doors	-1	x	11	1.20	0.23	2.10	-6.38		
	windows	-1	x	52	1.50	0.23	1.35	-24.22		
	East wing C/s parapet	1	x	1	9.92	0.23	1.20	2.74		
								1,114.18		
							Say	1,115.00	7798.10	1 cum
										8694882.00
6	Reinforced Fly Ash Brick Masonry 10cm thick for partition walls in CM (1:4) prop: Fly Bricks of size 290x100x140mm with compressive of 50 Kgs / Sqcm from approved source and placing 2nos. of 6mm dia MS bars embedded in every 3rd layer with free ends of reinforcement keyed into mortar joints of the main brick work wherever applicable including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, sales & other taxes on all materials, all operational, incidental and labour charges such as mixing cement mortar, constructing masonry, scaffolding charges, lift charges, curing, etc., but excluding cost and conveyance of steel and its fabrication charges & seigniorage charges complete for finished item of work. (APSS No. 501 & 509).									
	West wing Girls Toilet block WC L/ws	1	x	1	7.00		2.70	18.90		
	C/w	1	x	4	1.27		2.70	13.72		
	Deduct doors	-1	x	5	0.75		2.10	-7.88		
	Boys toilet Blcok WC L/w	1	x	1	2.62		2.10	5.50		
	WC C/ws	1	x	2	1.27		2.70	6.86		
	Deduct doors	-1	x	2	0.75		2.10	-3.15		
	North wing staff toilet blocks WC L/w	1	x	1	7.00		2.70	18.90		
	C/w	1	x	4	1.27		2.70	13.72		
	Deduct doors	-1	x	5	0.75		2.10	-7.88		
	East wing Boys toilet block WC L/w	1	x	1	2.62		2.10	5.50		
	C/w	1	x	2	1.27		2.70	6.86		
								71.05		
							Say	72.00	965.05	1 Sqm
										69484.00

7	Supply and Fixing of Door with Double leaf shutter, Door Size 1.22x2.13 mtrs with Medium teak wood Frame of sections size 75mm x 100mm with Flush Door Shutter Solid Bond Wood black board type with commercial ply on both faces of 35mm thick including cost of fixtures such as SS Tower Bolts 250mm long 2 Nos, SS Handles 150mm long 2 Nos, 300mm long SS Aldrops 1No, 125mm long SS butt hinges 6Nos, 300mm long Aluminium Flat latch 1No, Aluminium Door stoppers 2 Nos, MS Hold fasts 6Nos, Sales and Other Taxes cost and conveyance of all materials to site all Labour charges such as Fixing of Door Frame on shutter Fixing in position , with Hardware fixtures etc., complete for finished item of work.												
		1	x	34				34.00					
								34.00	13899.00	Nos			472566.00
8	Providing & Fixing of Open able Windows with Flymesh made of pre-painted steel as per IS 513 of 0.58mm thick galvanized as per IS 277 finish painted with a polyester paint and the section for outer frame of 72 x 55mm, centre mullion of 72 x 50mm, section for fixed glass beading section of 12 x 12 mm and section for shutters of 48 x 25 mm and outer frame & mullion sections with rebate for glazed shutters, fly mesh and a 20 mm provision for guard bars/grills and fly mesh shutter section of 20 x 40 mm, stay, handles, latch 2 Nos of heavy duty stainless steel pivot hinges per shutter and panelled with 0.5 mm thick Galvalume corrugated sheet and S.S. Mesh for fly mesh shutter (304 grade), fitted using rubber gaskets including fixing the windows in the concrete/masonry wall by means of self expanding screws, including 10mm Square guard bars with 6" (152.4mm) pitch , complete for Centre fixed both side open able shutter window for a size 5'0"x4'0" (1524mm x1219.2mm).												
		1	x	181	1.52		1.35	371.41					
							Say	372.00	8692.00	1 Sqm			3233424.00
9	Providing and fixing of louvered Ventilators made of pre-painted steel as per IS 513 of 0.80 mm thick galvanized as per IS 277 with a polyester paint with and fitted with 4 mm thick plain float glass including fixing the frames in concrete/masonry wall by means of self expanding screws, etc., complete for finished item of work for (i) Single fixed Louvers Ventilator size of 2' 0" x 2' 0" (609.6 x 609.6mm) outer frame box section size of 80 x 45mm and (ii) Double fixed Louvers ventilator Size of 4' 0" x 2' 0" (1219.2mm x 609.6mm) outer frame box section size of 80 x 45mm, vertical mullion section size of 80 x 60 mm and (iii) Double fixed Louvers Ventilator size of 4'0" x 3'0" (1219.2mm x 914.4mm) outer frame box section size of 80 x 45mm , Vertical mullion section size of 80 x 60 mm												
		1	x	34	1.22		0.30	12.44					
		1	x	63	1.50		0.30	28.35					
								40.79					
							Say	41.00	5067.00	1 Sqm			207747.00
10	Providing and fixing factory made polyvinyl chloride (PVC) Door Frame of the size 50 x 47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet, mitre cut at two corners and joined with 2nos. of 150mm long brackets of 15x15mm M.S. square tube. The two vertical door profiles are to be reinforced with 19x19mm M.S. Square tube of 19 gauge. The door frame shall be fixed to the wall using 65/100mm long M.S. Screws through the frame by using PVC fasteners. A minimum of 4nos. of screws to be provided for each vertical member & minimum 2nos. for horizontal member etc. complete as per manufacturers specification and direction of Engineer-in-Charge for finished item of work												
	West wing Girls toilet	1	x	5	5.00			25.00					
	Boys	1	x	2	5.00			10.00					
	North wing staff toilet	1	x	5	5.00			25.00					
	East wing boys toilet	1	x	2	5.00			10.00					
								70.00					
							Say	70.00	357.90	1 Rmt			25053.00

11	Providing and fixing 30mm thick Solid panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for stiles, & 15mm x 15mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame shall be covered with 5mm thick heat moulded PVC 'C' channel of size 30 x 50mm forming stiles, and 5mm thick, 75mm wide PVC sheets for top rail, lock rail & bottom rail on either side, and 10mm (5mm x 2) thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail. Panelling of 10mm thick PVC sheet to be fitted in the M.S. frame welded / sealed to the stiles & rails with 30mm wide x 5mm thick PVC sheet beading on either side, and joined together with solvent cement adhesive etc. An additional 5mm												
	West wing Girls toilet	1	x	5	0.75			2.10	7.88				
	Boys	1	x	2	0.75			2.10	3.15				
	North wing staff toilet	1	x	5	0.75			2.10	7.88				
	East wing boys toilet	1	x	2	0.75			2.10	3.15				
									22.06				
								Say	23.00	2604.10	1 Sqm		59894.00
12	Plain Cement Concrete corresponding to M10 grade as per IS 456 equivalent to (1:3:6) proportion nominal mix (cement: fine aggregate: Coarse aggregate) using 20mm size Hard Blasted Granite (IS383, 1970) Machine Crushed graded metal from from approved quarry including cost and conveyance of all materials like cement, sand, coarse aggregate, water etc. to site, including seigniorage charges, sales & other taxes on all materials, all operational, incidental and labour charges such as mixing, laying, curing concrete, etc., complete for finished item of work for Bed Blocks and Hold Fast (APSS No. 402)												
	Doors	34	x	6	0.23	0.23	0.15		1.62				
								Say	2.00	6351.50	1 cum		12703.00
13	Ornamental Plastering 12mm thick in two coats with base coat of 8mm thick in CM (1:5) and top coat of 4mm thick in CM (1:3) dubara sponge finish including cost and conveyance of all materials like cement, sand, water etc., to site, sales & other taxes on all materials, all operational, incidental and labour charges such as mixing mortar, scaffolding charges, lift charges, including cutting of Grooves wherever necessary as directed by Engineer - in - charge, finishing, curing, etc., complete for Even Surfaces of Wall but excluding seigniorage charges for finished item of work. (APSS 901,903 & 904)												
	West wing toilet ceiling	1	x	2	7.00	3.83			53.62				
	Class rooms	1	x	14	9.50	7.00			931.00				
	Class rooms beam sides	14	x	4	7.00	0.45			176.40				
	Corridor ceiling	1	x	1	150.38	3.06			460.16				
	beam sides	46	x	2	2.16	0.30			59.62				
	Rear side sunshades bottom	1	x	45	1.80	0.60			48.60				
	Corridor fornt chajja bottom	1	x	1	150.38	0.60			90.23				
	Waist slab lower flight bottom	1	x	1	3.60	2.12			7.63				
	Upper flight bottom	1	x	2	3.60	1.50			10.80				
	North side class rooms ceiling	1	x	6	9.50	7.00			399.00				
	beam sides	6	x	4	7.00	0.45			75.60				
	Toilet ceiling	1	x	1	7.00	3.83			26.81				
	Corridor ceiling	1	x	1	68.48	3.06			209.55				
	beam sides	20	x	2	2.16	0.30			25.92				
	Staricase waist slab lower flight bottom	1	x	1	3.60	2.12			7.63				
	Staricase waist slab upper flight bottom	2	x	1	3.60	1.50			10.80				
	Corridor front side chajja bottom	1	x	1	58.19	0.60			34.91				
	Corridor cross side chajja bottom	1	x	1	3.29	0.60			1.97				
	Rear side sunshades bottom	1	x	20	1.80	0.60			21.60				
	East wing Class Rooms ceiling	1	x	10	9.50	7.00			665.00				

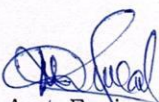
	beam sides	10	x	2	7.00	0.45		63.00				
	Toilet block ceiling	1	x	1	7.00	3.83		26.81				
	Corridor ceiling	1	x	1	107.40	3.06		328.64				
	beam sides	2	x	33	2.16	0.30		42.77				
								3,778.07				
								Say	3,780.00	617.92	1 Sqm	2335738.00
14	Plastering 12mm thick in two coats with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) dubara sponge finish including cost and conveyance of all materials like cement, sand, water etc., to site, sales & other taxes on all materials, all operational, incidental and labour charges such as mixing mortar, scaffolding charges, lift charges, including cutting of Grooves wherever necessary as directed by Engineer - in - charge, finishing, curing, etc., complete but excluding seigniorage charges for Even Surfaces of Wall for finished item of work. (APSS 901,903 & 904)											
	Internal walls											
	West wing inside around class rooms	1	x	14	33.00			3.45	1593.90			
	Cols sides	14	x	8	0.37			3.45	142.97			
	Inside toilet block around	2	x	1	21.66			3.45	149.45			
	Corridor room side L/w	1	x	1	150.38			3.45	518.81			
	inside parapet wall L/w	1	x	1	150.38			1.13	169.93			
	Corridor cols around	1	x	46	1.2			1.95	107.64			
	above br. beam	1	x	1	150.38			0.6	90.23			
	stair case L/w	1	x	2	7.23			3.60	52.06			
	C/w	1	x	1	5.58			3.60	20.09			
	Deduct doors	-1	x	16	1.20			2.10	-40.32			
	windows	-1	x	74	1.5			1.35	-149.85			
	North wing in class rooms allround	1	x	6	33.00			3.45	683.10			
	Cols sides	6	x	8	0.37			3.45	61.27			
	Toilet block around	1	x	1	10.83			3.45	37.36			
	Corridor room side L/w	1	x	1	68.71			3.48	239.11			
	inside parapet wall L/w	1	x	1	58.79			1.13	66.43			
	Cols around	1	x	17	1.20			1.95	39.78			
	above br. beam	1	x	1	68.40			0.60	41.04			
	stair case L/w	1	x	2	7.23			3.60	52.06			
	C/w	1	x	1	5.58			3.60	20.09			
	Deduct doors	-1	x	7	1.2			2.1	-17.64			
	windows	-1	x	33	1.50			1.35	-66.83			
	East wing class room allround	1	x	10	33.00			3.45	1138.50			
	Cols sides	10	x	8	0.37			3.45	102.12			
	Toilet block allround	1	x	1	21.66			3.45	74.73			
	Corridor room side L/w	1	x	1	53.21			3.48	185.17			
	inside parapet wall	1	x	1	107.40			1.13	121.36			
	Cols allround	1	x	33	1.20			1.95	77.22			
	above br. beam	1	x	1	107.40			0.60	64.44			
	Deduct doors	-1	x	11	1.20			2.10	-27.72			
	windows	-1	x	52	1.50			1.35	-105.30			
	North wing Toilet WC's allround	1	x	5	4.94			1.20	29.64			
	Deduct doors	-1	x	5	0.75			0.60	-2.25			
	East boys wing toilet block WC's allround	1	x	2	4.94			1.20	11.86			
	Deduct doors	-1	x	2	0.75			0.60	-0.90			
									5479.55			
								Say	5,480.00	589.75	1 Sqm	3231830.00

15	Plastering 12mm thick in two coats with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) dubara sponge finish including cost and conveyance of all materials like cement, sand, water etc., to site, sales & other taxes on all materials, all operational, incidental and labour charges such as mixing mortar, scaffolding charges, lift charges, including cutting of Grooves wherever necessary as directed by Engineer - in - charge, finishing, curing, etc., complete but excluding seigniorage charges for Even Surfaces of Wall for finished item of work. (APSS 901,903 & 904)													
External walls														
	West block Rear L/s	1	x	1	160.30			3.60	577.08					
	Corridor front parapet	1	x	1	160.30			1.20	192.36					
	front above Br. wall & top of chajja	1	x	1	150.38			1.60	240.61					
	Rear side chajja top	1	x	45	1.90			0.65	55.58					
	North block Rear L/wall	1	x	1	68.71			3.60	247.36					
	Room C/wall	1	x	1	7.46			3.60	26.86					
	Corridor C/wall	1	x	1	2.46			1.20	2.95					
	Corridor front parapet	1	x	1	58.79			1.20	70.55					
	above Br. and top of chajja	1	x	1	58.79			1.60	94.06					
	Rear side sunshades top	1	x	20	1.90			0.65	24.70					
	East wing rearL/w	1	x	1	107.40			3.60	386.64					
	Sunshaded top	1	x	32	1.90			0.65	39.52					
	Room cross walls	1	x	2	7.46			3.60	53.71					
	Corridor cross wall	1	x	1	2.46			1.20	2.95					
	Corridor front parapet	1	x	1	107.40			1.20	128.88					
	above Br. and top of chajja	1	x	1	107.40			1.60	171.84					
									2315.65					
								Say	2,320.00	589.75	1 Sqm	1368220.00		
16	Flooring with Nano polished vitrified floor tiles of 1st quality and make as approved by Engineer-in-charge of size not less than 600 mm x 600 mm , 8mm thickness regular finish and normal colours with borders and design as per the approved flooring pattern as directed by the Engineer-In -Charge, laying tiles using spacers of 2mm thick, set over a base coat of CM (1:8) prop. 12mm thick using screened sand over CC bed already laid or RCC roof slab , including neat cement slurry of honey like consistency spread @ 3.3 kgs per Sqm. and jointed neatly with white cement paste to full depth mixed with pigment of matching shade including cost and conveyance of all materials like cement, sand, water, tiles, white cement, etc., to site (excluding cost of C.C bed) including cost of base coat and all labour													
	West wing in CRs	1	x	14	9.50	7.00			931.00					
	Staircase	1	x	1	7.23	5.58			40.34					
	Corridor	1	x	1	150.38	2.23			335.35					
	North wing in CR's	1	x	6	9.50	7.00			399.00					
	in stair case	1	x	1	7.23	5.58			40.34					
	Corridor	1	x	1	68.48	2.23			152.71					
	East wing in CR's	1	x	10	9.50	7.00			665.00					
	In Corridor	1	x	1	107.40	2.23			239.50					
									2,803.24					
								Say	2,804.00	1164.15	1 sqm	3264266.00		
17	Providing skirting to internal walls to 10 cm height with Nano polished vitrified tiles 8mm thick , regular finish and normal colour, length equal to flooring tiles, set over base coat of CM(1:5) 12 mm thick using screened sand with cement slurry of honey like consistency spread at the rate of 3.30 kgs per sqm and jointing with white cement paste mixed with pigment of matching shade to full depth, including cost of all materials like tiles, cement, sand and water etc.,and overheads & contractors profit complete for finished item of													
	West wing in CR's	1	x	6	33.00			0.125	24.75					
	In labs	1	x	4	52.46			0.125	26.23					
	stair case	1	x	1	20.04			0.125	2.51					
	Corridor	1	x	2	150.38			0.125	37.60					
	North wing in CR's	1	x	6	33.00			0.125	24.75					
	in stair case	1	x	1	20.04			0.125	2.51					
	Corridor	1	x	2	68.48			0.125	17.12					
	East wing in CR's	1	x	10	33.00			0.125	41.25					
	In Corridor	1	x	2	107.40			0.125	26.85					
									203.57					
								Say	204.00	1175.89	1 sqm	239882.00		


18	Supplying and fixing of Polished Shabad/Tandur blue Slabas 15 to 18 mm thick (0.457M x 0.457M) in Single piece with the edges flat nosed and set over a base coat of CM (1:8), 12mm thick, and fixing in position with neat cement paste including cost and conveyance of all materials like cement, sand, water, stones etc. to site, seigniorage charges, sales and other taxes on all materials, all operational, incidental and labour charges such as dressing of stones to the required sizes, mixing of cement mortar, fixing in position, curing, lift charges etc., complete for finished item of work for Treads (APSS No.701 & 707)														
TREADS															
	West, East & north Stair case lower flight	3	x	11	2.10	0.30						20.79			
	West, East & north Stair case upper flight	6	x	11	1.50	0.30						29.70			
	Mid landing	1	x	3	5.58	1.97						32.98			
	For entrance steps	3	x	7	5.50	0.30						34.65			
												118.12			
											Say	119.00	756.03	1 sqm	89968.00
19	Supplying and fixing of Polished Shabad/Tandur blue Slabas 15 to 18 mm thick (0.457M x 0.457M) in Single piece with the edges flat nosed and set over a base coat of CM (1:3), 12mm thick, and fixing in position with neat cement paste including cost and conveyance of all materials like cement, sand, water, stones etc. to site, seigniorage charges, sales and other taxes on all materials, all operational, incidental and labour charges such as dressing of stones to the required sizes, mixing of cement mortar, fixing in position, curing, lift charges etc., complete for finished item of work For raisers (APSS No.701 & 707)														
RAISERS															
	West, East & north Stair case lower flight	3	x	12	2.10		0.15					11.34			
	West, east & north Stair case upper flight	6	x	12	1.50		0.15					16.20			
	For entrance steps	3	x	8	5.50		0.15					19.80			
												47.34			
											Say	48.00	865.51	1 sqm	41544.00
20	Flooring with Ceramic Tiles of 7.3mm thick 1st. quality of Non-skid red or white full body Ceramic floor tiles of size not less than 300 x 300 mm and thickness between 7-8 size as approved by Engineer - in - charge set over a base coat of CM (1:8), 12mm thick laid over flooring bed / V.R.C.C. slab, with neat cement slurry of honey like consistency spread at the rate of 3.3 Kgs of cement per Sq.m and jointed with neat white cement paste to full depth mixed with pigment of matching shade including cost and conveyance of all materials like cement, sand, water, ceramic tiles etc. to site, sales and other taxes on all materials, all operational, incidental and labour charges such as mixing of cement mortar, laying, curing, lift charges etc., complete but excluding seigniorage charges for finished item of work.(APSS														
	West side toilet blocks	1	x	2	7.00	3.83						53.62			
	North side toilet blocks	1	x	1	7.00	3.83						26.81			
	East side toilet blocks	1	x	1	7.00	3.83						26.81			
												107.24			
											Say	108.00	995.10	1 sqm	107471.00
21	Dadoing to walls with any color glazed tiles 1st. quality of any size of brand as approved by Engineer - in - charge and set over a base coat of CM (1:5), 12mm thick and neat cement paste at the rate of 3.3 Kg/Sqmt. and jointed with white cement paste mixed with pigment of matching shade including cost and conveyance of all materials like cement, sand, water, tiles, etc. to site, sales and other taxes on all materials, C921 such as mixing of cement mortar, laying in position, curing, lift charges etc., complete but excluding seigniorage charges for finished item of work (APSS No.701 & 707) in All Floors														
	West wing girls toilet block WC around	1	x	5	4.94		1.5					37.05			
	Deduct doors	-1	x	5	0.75		1.50					-5.63			
	Passage L/s	1	x	2	7.00		1.50					21.00			
	C/s	1	x	2	2.23		1.50					6.69			
	Deduc doors	-1	x	1	1.20		1.50					-1.80			

	West wing boys toilet block WC around	1	x	2	4.94		1.5	14.82			
	Deduct doors	-1	x	2	0.75		1.50	-2.25			
	Passage L/s	1	x	2	7.00		1.50	21.00			
	C/s	1	x	2	2.23		1.50	6.69			
	Deduc doors	-1	x	1	1.20		1.50	-1.80			
	North wing girls toilet block WC around	1	x	5	4.94		1.5	37.05			
	Deduct doors	-1	x	5	0.75		1.50	-5.63			
	Passage L/s	1	x	2	7.00		1.50	21.00			
	C/s	1	x	2	2.23		1.50	6.69			
	Deduc doors	-1	x	1	1.20		1.50	-1.80			
	East wing boys toilet block WC around	1	x	2	4.94		1.5	14.82			
	Deduct doors	-1	x	2	0.75		1.50	-2.25			
	Passage L/s	1	x	2	7.00		1.50	21.00			
	C/s	1	x	2	2.23		1.50	6.69			
	Deduct doors	-1	x	1	1.20		1.50	-1.80			
								191.55			
							Say	192.00	588.65	1 sqm	113021.00
22	Supplying and fixing of stainless steel hand railing as per approved drawing with top rail of 60.30mm dia (outer) 2mm thick pipe, vertical balusters of 60.30mm dia(outer) 2mm thick at 900mm c/c spacing (5 Nos)and 3 nos 33.40mm dia (outer) 1.6mm thick stainless steel pipes below top rail with equal spacings. The rate should include providing and using bonding agent, drilling of 25mm holes of fixing railing , polishing of all nos of railing thouroughly and also including cost and conveyance of all materials, electrodes, welding charges, cost of all consumables, labour charges such as for fabrication of SS pipes, buffing, polishing etc., complete for finished item of work.										
	For west wing staircase railing	2	x	1	3.60			7.20			
		1	x	2	3.60			7.20			
	For north wing	2	x	1	3.60			7.20			
		1	x	2	3.60			7.20			
	For East wing	2	x	1	3.60			7.20			
		1	x	2	3.60			7.20			
								43.20			
							Say	44.00	5723.00	1 Rmt	251812.00
23	Supply and fixing of e-3 Ceramic magnetic Green Chalk Board of size 8'0"x4'0" with vituriosus enamil coated sheet made up of 0.30 to 0.4mm thick steel sheet having 0.095 mm thick on top and 0.03mm min on the back supported with 9mm thick MDF board having bulk density of 750kg/m3 and laminated with 0.25 mm thick electro Galvanised steel sheet at the back both the top and backing sheet shall be properly fixed with MDF board using suitable adhesive to avoid any moisture absorption. Fixed in deluxe quality alluminium channels confirming to ISI standards including cost transportaion and all labour charges for fixing etc complete for finshing item of work.										
		1	x	26				26.00			
							Say	26.00	8256.40	1 No	214666.00
24	Painting to New wood work with two coats of ready mixed synthetic enamel paint Grade I all shades to give an even shade over base coat Primer with Luppam finishing after thoroughly brushing the surface to remove all remains including cost and conveyance of all materials to site, sales & other taxes, all operational, incidental and labour charges etc., complete for finished item of work.(3 coats) (APSS No. 1201 & 1212).in All Floors										
		34	x	2.25	1.22		2.13	198.79			
								198.79			
							Say	199.00	207.35	1 sqm	41263.00

25	Painting to New walls with two coats of Acrylic Emulsion paint of superior quality of approved brand and shade over base coat of cement primer interior grade -I making three coats in all to give an even shade after thoroughly brushing the surface to remove all loose powdered materials, including cost and conveyance of all materials, including cost and conveyance of all materials, cost of brushes, water to site, etc., sales & other taxes, all operational, incidental and labour charges such as scaffolding charges, lift charges, curing etc., complete for finished item of work in all floors for internal Walls.(APSS No. 912) in All Floors											
	Ornamental Plastering									3780.00		
	Plastering 12mm thick									5480.00		
						Say			9,260.00	178.55	1 sqm	1653373.00
26	Painting to New walls with two coats of Acrylic Emulsion paint of superior quality of approved brand and shade over base coat of cement primer exterior grade -II making three coats in all to give an even shade after thoroughly brushing the surface to remove all loose powdered materials, including cost and conveyance of all materials, including cost and conveyance of all materials, cost of brushes, water to site, etc., sales & other taxes, all operational, incidental and labour charges such as scaffolding charges, lift charges, curing etc., complete for finished item of work in all floors for external Walls.(APSS No. 912) in All Floors											
	Plastering 12mm thick Ext									2320.00		
						Say			2,320.00	247.20	1 sqm	573498.00
27	Providing High Yield Strength Deformed (HYSD) steel bars (Fe 500 grade as per IS 1786-1985) of 8mm to 40mm diameters, (TATA, SAIL, VSP,JSW & Shyam Steel) cutting, bending, to required sizes and shapes placing in position with cover blocks of approved size and binding wire of 20SWG, forming grills for reinforcement work as per approved designs and drawings including cost and conveyance of bars from approved sources to site of work, including cost and conveyance of binding wire, cover blocks, chairs, overlaps, spacers, dowels, wastage etc., and all operational, incidental, and labour charges such as cutting, bending, placing in position, tying etc., and sales & other taxes, on cost of all materials complete for finished item of work (APSS No.126)											
	Columns			154.00	Cum	120.00	18480.00					
	Roof Beams			177.00	Cum	120.00	21240.00					
	125mm thick slab			100.50	Cum	120.00	12060.00					
	150mm thick slab			365.40	Cum	120.00	43848.00					
	200mm thick waist slab			17.80	Cum	120.00	2136.00					
	Lintels			23.00	Cum	90.00	2070.00					
	Sunshades			18.56	Cum	90.00	1670.63					
							101,504.63					
							101.50					
						Say			102.00	88878.75	1 MT	9065633.00
										SF TOTAL >>>		47114007.00


Asst. Engineer
TSEWIDC, Sangareddy


Dy. Executive Engineer
TSEWIDC, Sangareddy


Executive Engineer
TSEWIDC, Medak at Sangareddy

DETAILED ESTIMATE

Name of the Work:- Construction of Addl. Class Rooms (68 No's) & Labs (10 No's) to Tara Govt. Degree College at Sangareddy Town in Sangareddy District

THIRD FLOOR

SL. NO	DESCRIPTION OF ITEM	NO'S	L	B	D/H	QTY.	RATE	Unit / PER	AMOUNT
1	Brick Masonry in superstructure with CM (1:8) prop: using Fly ASH Bricks of size 290x225x140mm with compressive of 50 Kgs / Sqcm from approved source including cost and conveyance of all materials like cement, sand, fly ash bricks, water etc., to site, including sales & other taxes on all materials, all operational, incidental and labour charges such as mixing cement mortar, constructing masonry, scaffolding charges, lift charges, curing, etc., complete but excluding seigniorage charges for finished item of work. (APSS No. 501 & 504).								
	West wing parapet wall rear L/w	1 x 1	160.30	0.23	1.20	44.24			
	parapet front L/wall	1 x 1	150.38	0.23	1.20	41.50			
	North wing parapet rear L/w	1 x 1	68.25	0.23	1.20	18.84			
	Front L/w	1 x 1	58.56	0.23	1.20	16.16			
	parapet C/w	1 x 1	9.92	0.23	1.20	2.74			
	East wing parapet wall rear & front	1 x 2	107.40	0.23	1.20	59.28			
	C/w	1 x 1	9.46	0.23	1.20	2.61			
	For west, east & north wing head room L/w	3 x 2	7.43	0.23	2.85	29.22			
	C/w	3 x 1	5.58	0.23	3.00	11.55			
		3 x 1	5.58	0.23	2.70	10.40			
	Binding wall	1 x 3	20.44	0.23	0.30	4.23			
	Deduct doors	-1 x 3	1.20	0.23	2.10	-1.74			
						239.03			
					Say	240.00	8316.50	cum	1995960.00
2	Supply and Fixing of Door with Double leaf shutter, Door Size 1.22x2.13 mtrs with Medium teak wood Frame of sections size 75mm x 100mm with Flush Door Shutter Solid Bond Wood black board type with commercial ply on both faces of 35mm thick including cost of fixtures such as SS Tower Bolts 250mm long 2 Nos, SS Handles 150mm long 2 Nos, 300mm long SS Aldrops 1No, 125mm long SS butt hinges 6Nos, 300mm long Aluminium Flat latch 1No, Aluminium Door stoppers 2 Nos, MS Hold fasts 6Nos, Sales and Other Taxes cost and conveyance of all materials to site all Labour charges such as Fixing of Door Frame on shutter Fixing in position , with Hardware fixtures etc., complete for finished item of work.								
		1 x 3				3.00			
						3.00	13899.00	each	41697.00
3	Plastering 12mm thick in two coats with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) dubara sponge finish including cost and conveyance of all materials like cement, sand, water etc., to site, seigniorage charges, sales & other taxes on all materials,all operational, incidental and labour charges such as mixing mortar, scaffolding charges, lift charges, including cutting of Grooves wherever necessary as directed by Engineer - in - charge, finishing, curing, etc., complete for Even Surfaces of Wall for finished item of work. (APSS 901,903 & 904)								
	Exterior: West wing Parapet rear L/w	1 x 1	160.30		1.43	229.23			
	L/w	1 x 1	160.07		1.20	192.08			
	West wing	1 x 2	150.38		1.43	430.09			
	North wing parapet rear L/w	1 x 1	68.71		1.43	98.26			
	L/w	1 x 1	68.25		1.20	81.90			
	East wing Front & rear L/w	2 x 2	107.40		1.43	614.33			
	C/w	2 x 1	9.92		1.43	28.37			

SL. NO	DESCRIPTION OF ITEM	NO'S	L	B	D/H	QTY.	RATE	Unit / PER	AMOUNT
	Front L/w	1 x 1	58.79		1.43	84.07			
		1 x 1	58.79		1.20	70.55			
	C/w	1 x 1	9.92		1.43	14.19			
	C/w	1 x 1	9.46		1.20	11.35			
	For west ^north wing head room L/ws	2 x 2	7.43		2.85				
						84.70			
	S/w	3 x 1	6.04		3.00	54.36			
	S/w	3 x 1	6.04		2.70	48.92			
	For binding wall	3 x 20	20.44		0.84	1030.18			
	Interior: West & north wing head room L/s	3 x 2	7.00		2.85				
						119.70			
	S/w	3 x 1	5.58		3.00	50.22			
	S/w	3 x 1	5.58		2.70	45.20			
	Deduct doors	-3 x 1	1.20		2.10	-7.56			
						3280.14			
					Say	3285.00	636.30	sqm	2090246.00
4	Supply and Fixing MS Pipes 50mm dia including Labour Charges for fixing complete including cost and conveyance of all materials to site, sales and other taxes, all labour charges etc., complete for finished item of work								
	For head room	3 x 4	2.81			33.72			
							Say	34.00	585.25 Rmt 19899.00
5	Roofing will be provided with 0.5mm thick galvanized / pre painted G.I. profiled sheets fixed to the purlins with 14 size self drilling screws with neoprene washer. Side laps are stitched with self tapping / drilling screws. End laps are to be sealed with 25x3 mm Butyl tape. The sheets are provided with anti capillary groove								
	Over head room	3 x 1	2.81		5.20	43.84			
							Say	44.00	866.00 sqm 38104.00
6	Painting to New wood work with two coats of ready mixed synthetic enamel paint Grade I all shades to give an even shade over base coat Primer with Luppam finishing after thoroughly brushing the surface to remove all remains including cost and conveyance of all materials to site, sales & other taxes, all operational, incidental and labour charges etc., complete for finished item of work.(3 coats) (APSS No. 1201 & 1212).in All Floors								
		3 x 2.25	1.22		2.13	17.54			
							Say	18.00	207.35 sqm 3732.00
7	Painting to New walls with two coats of Acrylic Emulsion paint of superior quality of approved brand and shade over base coat of cement primer interior grade -I making three coats in all to give an even shade after thoroughly brushing the surface to remove all loose powdered materials, including cost and conveyance of all materials, including cost and conveyance of all materials, cost of brushes, water to site, etc., sales & other taxes, all operational, incidental and labour charges such as scaffolding charges, lift charges, curing etc., complete for finished item of work in all floors for internal Walls.(APSS No. 912) in All Floors								
	Plastering 12mm thick					3285.00			
							Say	3285.00	178.55 Sqm 586538.00
								TOTAL >>>	4776176.00

Asst. Engineer
TSEWIDC, Sangareddy

Dy.Executive Engineer
TSEWIDC, Sangareddy

Executive Engineer
TSEWIDC, Divn.Medak

DETAILED CUM ABSTRACT ESTIMATE

Name of the Work:- Construction of Addl. Class Rooms (68 No's) & Labs (10 No's) to Tara Govt. Degree College at Sangareddy Town in Sangareddy District

SEPTIC TANK 200 users

Sl. No	Description of item	Measurements				QTY	Rate	Per/ unit	Amount	
		Nos.	L	B	D					
1	2	3	4	5	6	7	8	9	10	
1	Earth work excavation and depositing on bank (Manual means) with initial lead of 10m and initial lift of 3m in Loamy & Clayey Soils like BC Soils, Red Earth & Ordinary Gravelly Soils (SS 20-B) including all operational incidental labour charges such as shoring, strutting, sheeting, planking and dewatering including cost of hire charges of T & P, labour charges etc., complete for finished item of work excluding seignorage charges and dewatering charges etc., complete for Septic tank soak pit and sump.(APSS No. 308)									
	For Septic Tank	1	x	1	9.55	3.70	2.20	77.56		
	For Soak Pit	1	x	1	4.00	3.50	1.50	21.00		
								98.56		
						say	99.00	243.20	1 Cum	24077.00
2	Plain Cement Concrete corresponding to M5 grade as per IS 456 equivalent to (1:5:10) proportion nominal mix (cement: fine aggregate: Coarse aggregate) using,40mm size Hard Blasted Granite (IS383, 1970) metal from approved quarry including cost and conveyance of all materials like cement, sand, coarse aggregate, water etc. to site, including sales & other taxes on all materials, all operational, incidental, and labour charges such as mixing, laying and ramming concrete in layers in position not exceeding 15cm, finishing top surface, curing concrete, etc., complete but excluding seignorage charges for finished item of work for Foundations and Flooring Bed (APSS No. 402)									
	For Septic Tank(1nos)	1	x	1	9.55	3.70	0.10	3.53		
	For Inlet Chamber	1	x	1	2.05	2.10	0.10	0.43		
	For outlet chamber	1	x	1	1.20	1.15	0.10	0.14		
	For soak Pit	1	x	1	6.05	0.65	0.10	0.39		
		1	x	1	2.40	0.65	0.10	0.16		
								4.65		
						say	5.00	4511.75	1 cum	22559.00
3	Vibrated Reinforced Cement Concrete M 20 Design Mix (by weigh batching) using 20mm size (SS5) hard blasted Trap machine crushed graded metal (Coarse aggregate) from approved quarry, using a minimum quantity of 350 kgs. of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site and cost of all materials including centering using Casurina Bellies, Bamboos, Wooden Reapers, Runners, Wood Posts, Steel Centering Plates etc complete but excluding cost of steel and it's fabrication charges for finished item of work but excluding seignorage charges (APSS No. 402 & 403)									
	RCC-M20 Raft Slab/Bottom Slab - For Septic tank	1	x	1	9.20	3.40	0.15	4.69		
	For Inlet Chamber	1	x	1	1.95	1.90	0.20	0.74		
	For outlet chamber	1	x	1	1.10	0.95	0.15	0.16		
								5.59		
						say	6.00	10729.45	1 cum	64377.00
4	Vibrated Reinforced Cement Concrete M 20 Design Mix (by weigh batching / Mixer) using 20mm size (SS5) hard blasted Trap machine crushed graded metal (Coarse aggregate) from approved quarry, using a minimum quantity of 350 kgs. of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site and cost of all materials including centering using Casurina Bellies, Bamboos, Wooden Reapers, Runners, Wood Posts, Steel Centering Plates etc, complete but excluding cost of steel and it's fabrication charges but excluding seignorage charges for finished item of work (APSS No. 402 & 403)									
	VRCC Walls 200mm thick									
	Long walls- External walls	1	x	2	8.90	0.20	2.54	9.02		

Sl. No	Description of item	Measurements				QTY	Rate	Per/unit	Amount
		Nos.	L	B	D				
1	2	3	4	5	6	7	8	9	10
	Short walls	1	x	2	5.35	0.20	2.54	5.42	
	Haunch concrete External Long walls	1	1	1	12.10	0.30	0.30	1.09	
	External Short walls	1	1	1	5.35	0.30	0.30	0.48	
	Haunch concrete Internal Long walls	1	1	2	7.70	0.30	0.30	1.39	
		1	1	2	3.85	0.30	0.30	0.69	
	150mm thick								
	Inlet chamber	1	x	1	2.70	0.15	2.15	0.87	
		2	x	1	1.65	0.15	0.45	0.22	
		1	x	1	1.00	0.15	0.45	0.07	
	100 mm thick								
	Outlet chamber	2	x	1	1.10	0.10	0.45	0.10	
		1	x	1	0.75	0.10	0.45	0.03	
								19.38	
							say	19.50	12991.30
									1 cum
									253330.00
5	Vibrated Reinforced Cement Concrete M 20 Design Mix (by weigh batching / Mixer) using 20mm size (SS5) hard blasted Trap crushed graded metal (Coarse aggregate) from approved quarry, using a minimum quantity of 350 kgs. of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site and cost of all materials including centering using Casurina Bellies, Bamboos, Wooden Reapers, Runners, Wood Posts, Steel Centering Plates etc complete but excluding cost of steel and it's fabrication charges but excluding seigniorage charges for finished item of work (APSS No. 402 & 403)								
	Sump Top slab-115mm thick								
	Sump Top slab-115mm thick	1	x	1	8.90	2.70		24.03	
	Inlet chamber	1	x	1	1.65	1.30		2.15	
	Outlet chamber	1	x	1	1.10	0.95		1.05	
	Soak pit	1	x	1	5.85	3.30		19.31	
								46.54	
							say	47.00	1252.50
									1 cum
									58868.00
6	Brick Masonry in superstructure with CM (1:8) prop: using Fly ASH Bricks of size 290x225x140mm with compressive of 50 Kgs / Sqcm from approved source including cost and conveyance of all materials like cement, sand, fly ash bricks, water etc., to site, including sales & other taxes on all materials, all operational, incidental and labour charges such as mixing cement mortar, constructing masonry, scaffolding charges, lift charges, curing, etc., complete but excluding seigniorage charges for finished item of work. (APSS No. 501 & 504).								
	For soak Pit	1	x	1	5.85	0.45	1.50	3.95	
		1	x	1	2.40	0.45	1.50	1.62	
								5.57	
							say	6.00	6761.40
									1 cum
									40568.00
7	Providing impervious coat with required slopes in CM (1:3) prop. 20mm thick (average) mixed with water proofing compound manufactured by reputed manufacturers as approved by Engineer-in-charge at 1Kg/bag of cement, laid over roof slab when it is green, finished smooth with a floating coat of neat cement and thread lining at regular intervals of 45cmx45cm including cost and conveyance of all materials like cement, sand, water proofing compound, water etc., to site, sales & other taxes on all materials, all operational, incidental and labour charges such as mixing mortar, laying, rounding off at junctions of wall and slab, rendering smooth with thread lining, curing, lift charges, etc., complete but excluding seigniorage charges for finished item of work (APSS No. 901 & 903).								
	Bottom	1	x	1	8.90	2.70		24.03	
	Inside walls-Long walls	1	x	2	8.90		2.54	45.12	
	Short walls	1	x	2	2.70		2.54	13.69	
	Slab bottom	1	x	1	8.50	2.70		22.95	
	Inlet chamber	1	x	1	4.00		0.45	1.80	
		2	x	1	1.50		1.00	3.00	

Sl. No	Description of item	Measurements				QTY	Rate	Per/unit	Amount
		Nos.	L	B	D				
1	2	3	4	5	6	7	8	9	10
	Outlet chamber	1 x 1	2.75		0.45	1.24			
		2 x 1	1.00		0.75	1.50			
	Baffle wall	1 x 1	4.80		0.75	3.60			
						116.93			
					say	117.00	548.25	1 Sqm	64145.00
8	Plastering 12mm thick in two coats with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) dubara sponge finish including cost and conveyance of all materials like cement, sand, water etc., to site, sales & other taxes on all materials, all operational, incidental and labour charges such as mixing mortar, scaffolding charges, lift charges, including cutting of Grooves wherever necessary as directed by Engineer - in-charge, finishing, curing, etc., complete but excluding seigniorage charges for Even Surfaces of Wall for finished item of work. (APSS 901,903 & 904)								
	Inlet chamber	1 x 1	1.65	1.30		2.15			
		1 x 1	1.10	0.95		1.05			
	Above NGL	1 x 1	23.20	0.45		10.44			
	Soak pit	1 x 1	5.85	3.30		19.31			
		1 x 1	5.85	0.30		1.76			
		1 x 1	3.30	0.30		0.99			
						35.70			
					say	36.00	496.60	1 Sqm	17878.00
9	Reinforced cement mortar Facia 5 cm thick in CM (1:3) for drop walls, Fins & staircase railing with rabbit wire mesh & nominal reinforcement as directed by Engineer-in-charge with dubara spong finishing including cost & conveyance of all materials to site, including sales and other taxes on all materials and all operational, incidental charges such as labour charges, like mixing cement mortar, scaffolding charges, lift charges, curing, for making 50 mm thick RCM Paradah walls (RCM Drop walls) including tying Rabbit (chicken) wire mesh to the existing mild steel / HYSD Steel reinforcement applying mortar lumps, finishing, plastering to both faces, sponge finishing etc complete for finished item of work but excluding cost of steel and its fabrication charges and seigniorage charges in All Floors.								
	Baffle walls	1 x 1	4.80		0.75	3.60			
					say	4.00	1823.10	1 Sqm	7292.00
10	Providing High Yield Strength Deformed (HYSD) steel bars (Fe 500 grade as per IS 1786-1985) of 8mm to 40mm diameters, (TATA, SAIL, VSP,JSW & Shyam Steel) cutting, bending, to required sizes and shapes placing in position with cover blocks of approved size and binding wire of 20SWG, forming grills for reinforcement work as per approved designs and drawings including cost and conveyance of bars from approved sources to site of work, including cost and conveyance of binding wire, cover blocks, chairs, overlaps, spacers, dowels, wastage etc., and all operational, incidental, and labour charges such as cutting, bending, placing in position, tying etc., and sales & other taxes, on cost of all materials complete for finished item of work (APSS No.126)								
					say	2.50	86070.20	1 MT	215176.00
	TOTAL								768270.00

Asst. Engineer
TSEWIDC, Sangareddy

Dy. Executive Engineer
TSEWIDC, Sangareddy

Executive Engineer
TSEWIDC, Divn.Medak

ELECTRIFICATION

Name of the Work:- Construction of Addl. Class Rooms (68 No's) & Labs (10 No's) to Tara Govt. Degree College at Sangareddy Town in Sangareddy District

Sl No.	Description of work	Nos	Measurements			Qty	Rate	Per	Amount
			L	B	D				
1	2	3	4	5	6	7	8	9	10
1	Supply and Fixing of ISI 25mm outer dia heavygrade, FRLS with IS:9537 part 3 regid PVC pipe. concealed in Roof Slabs with all required accessories including masonry work and labour charges etc., complete. Makes : Sudhakar / Goldmedal / Modi / AKG / VIP / MillionPlast / Precision	1 x 1	1,500.00			1,500.00	89.95	1 RM	134925.00
2	Supply and Fixing of ISI 25mm outer dia mediumgrade, FRLS with IS:9537 part 3 regid PVC pipe. concealed in wall with all required accessories including masonry work for light, fan and separate plug point with 8 or 9 Module Hot dip galvanized Metal Box including all labour charges etc., complete. Makes : Sudhakar / Goldmedal / Modi / AKG / VIP / MillionPlast / Precision	1 x 1	900.00			900.00	102.25	1 Rmt	92025.00
3	Wiring with 2 runs of 14/0.3mm (1.0 Sq.mm) Fire Retardant Low Smoke (FRLS) / HFFR P.V.C. insulated 1100 V Grade as per IS: 694 / 1990 specification for flexible copper cable (ISI MARK) in existing pipe with 6A 1 way modular switch, Ceiling rose including all labour charges etc., complete for light, bell, fan and exhaust fan points in Non-Residential Buildings Makes of Wires : Finolex / RR kabel / Havells / APAR EBXL / KEI /L&T / V-Guard. Makes of Switches : Legrand Myrius / Cabtree Verona / Million / Logus/ Gold Medal Curve / Anchor Roma viola / CPL / GreatWhite / Vimal / GM Four-Five / HPL / L&T / Salzar / Stanjo	1 x 425				425.00	634.35	1 Point	269599.00
4	Wiring with 2 runs of 14/0.3mm (1.0 Sq.mm) Fire Retardant Low Smoke (FRLS) P.V.C. insulated flexible copper cable (ISI MARK) in existing pipe with 6A 2 Way MODULAR switch, Ceiling rose and modular cover frame to switch control box including all labour charges etc., complete for Stair case and 2 way light / fan points in Residential Buildings Makes of Wires : Finolex / RR kabel Makes of Switches : GM G Home / Anchor Penta Cherry / Gold Madel Olive / Million Zoom / Great White					50.00	900.75	1 Point	45038.00
5	Supply and fixing of 6A 3/2 pin Modular wall plug socket with shutter and 6A 1 way modular switch control on a common switch board with earth continuity including wire leads, earth connections along with all labour charges etc., complete. Makes of Switches : Legrand myreus/Crabtree verona / Gold Madel curve / Million / LogusAnchor Roma viola / Great White /CPL/Vimal/ GM four-five/HPL/L&T/Salzar / Stanjo	1 x 75				75.00	299.10	1 Each	22433.00
6	Supply and Fixing of 16A/6A 3pin plug socket with shutter and 16A modular switch control duly recessed in wall with Galvanised hot deep box of with common switch board including earth connections and all labour charges etc., complete. Makes of Switches : Legrand myreus/Crabtree verona / Gold Madel curve / Million / LogusAnchor Roma viola / Great White /CPL/Vimal/ GM four-five/HPL/L&T	1 x 35				35.00	429.70	1 Each	15040.00

1	2	3	4	5	6	7	8	9	10		
7	Supply and run of 1 of 22/0.3 mm (1.5 sq.mm) FRLS / HFFR PVC insulated 1100 V grade as per IS: 694 / 1990 specifications for flexible copper cable for existing pipe for earth continuity including all labour charges etc., complete. Makes of Wires : Finolex / RR kabel / Havells / APAR EBXL / KEI /L&T / V-Guard.						400.00	33.70	1	RM	13480.00
8	Supply and run of 2 of 2.5 Sq mm PVC F.R L.S. / HFFR P.V.C. insulated flexible copper cable 1100 V grade as per IS: 694 / 1990 specifications and 1 run of 1.00 Sq mm F.R L.S. / HFFR P.V.C. insulated flexible copper cable 1100 V grade as per IS: 694 / 1990 specifications in the existing conduit pipe for run of mains from main panel board to TPN DB'S with pin type lugs and connection. Makes of Wires : Finolex / RR kabel / Havells / APAR EBXL / KEI /L&T / V-Guard.	1	x	1	2,000.00		2,000.00	118.50	1	RM	237000.00
9	Supply and run of 2 of 4 Sq mm F.R L.S. / HFFR P.V.C. insulated flexible copper cable 1100 V grade as per IS: 694 / 1990 specifications and 1 run of 2.50 Sq mm F.R L.S. / HFFR P.V.C. insulated flexible copper cable 1100 V grade as per IS: 694 / 1990 specifications in the existing conduit pipe for run of mains from main panel board to TPN DB'S with pin type lugs and connection Makes of Wires :Finolex / RR kabel / Havells / APAR EBXL / KEI /L&T / V-Guard.	1	x	1	300.00		300.00	189.15	1	RMT	56745.00
10	Supply and run of 4 of 6 Sq mm F.R L.S. / HFFR P.V.C. insulated flexible copper cable 1100 V grade as per IS: 694 / 1990 specifications and 1 run of 4 Sq mm F.R L.S. / HFFR P.V.C. insulated flexible copper cable 1100 V grade as per IS: 694 / 1990 specifications in the existing conduit pipe for run of mains from main panel board to TPN DB'S with pin type lugs and connections Makes of Wires : Finolex / RR kabel / Havells / APAR EBXL / KEI /L&T / V-Guard.						200.00	467.60	1	RMT	93520.00
11	Supply and run of 4 of 10 Sq mm F.R L.S. / HFFR P.V.C. insulated flexible copper cable 1100 V grade as per IS: 694 / 1990 specifications and 1 run of 6 Sq mm F.R L.S. / HFFR P.V.C. insulated flexible copper cable 1100 V grade as per IS: 694 / 1990 specifications in the existing conduit pipe for run of mains from main panel board to TPN DB'S with pin type lugs and connections Makes of Wires : Finolex / RR kabel / Havells / APAR EBXL / KEI /L&T / V-Guard.						170.00	671.55	1	RM	114164.00
12	Supply and fixing 8 Way TPN - Vertical type Distribution board with IP -43 Protection with 125A, 4 Pole 25 kA MCCB as incomer with 4Nos 63A TP MCBs and 12 Nos. 10 kA SPMCBs as outgoing including internal connection and labour charges for flush mounting etc. Make: Legrand / Schneider/Seimens/L&T	1	x	2			2.00	29753.50	1	Each	59507.00
13	Supply and fixing 8 Way SPN Distribution board with IP-43 protection (Metal Door) suitable for 1 No. 40 A single phase ELCB / RCCB/DP Isolator as incomer and 6 Nos. 6-32 A 10kA SP MCBs as outing going including internal connection and labour charges for surface / flush mounting etc., complete Makes : Legrand / Schneider / Siemens / L&T	1	x	5			5.00	5629.62	1	Each	28148.00

1	2	3	4	5	6	7	8	9	10	
14	Supply and transportation of 20W +/- 10%, >/ 2000 lumens, 1200mm length LED retro tube light, housing made with aluminum anodised body, wide operating voltage with double side connection, PF≥0.9, Surge protection: > 2KV, THD<15%, with inbuilt driver and frosted cover CCT: 3000K - 6500K as desired by the department and as per IS specifications, minimum CRI≥80, etc complete with 50,000 burning hours with BIS Certification. LUMINAIRE MAKE: Phillips / OSRAM / Wipro / Crompton / Bajaj / Havells / Jaquar / IB LED / Panasonic / Halonix / HPL / Syska / Eveready / Surya / Keselec. LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG / LG LEDs.	1 x 210				210.00	829.39	1	Each	174172.00
15	Supply and fixing of batten holder / slanting holder (Makes : Anchor / Gold Medal Olive / Million Zoom). in lieu of ceiling rose of light point complete with all connections and all labour charges with 18 Watt CFL bulb Makes : Phillips / Crompton / Bajaj / Surya / Havells / HPL/ Halonix.	1 x 150				150.00	194.39	1	Each	29159.00
16	Supply, Transportation of energy efficient fan, 1200 mm sweep, aluminium body, consuming 28 W, BEE 5 star rated, ceiling fan with Brush Less Direct Current(BLDC) motor, class of insulation: B, 3 no's blades, 30 cm long down rod, 2 no's canopies, shackle'kit, safety rope, copper winding, Power Factor greater than 0.90, Service Value (CMMAV) greater than 8.5, Air delivery minimum 235 CMM, 350 RPM(tolerance as per IS:374-2019), THD less than 10%. with remote or compatible to electronic step type regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C(max), insulation resistance more than 2 mega ohm, suitable for 230V, 50 HZ, single phase AC supply, earthing etc., including all standard accessories etc., complete. Makes : Atomberg (Efficio) / Havells / Orient	1 x 210				210.00	3241.72	1	Each	680761.00
17	Supply and fixing of modular Electronic stepped type fan regulator hum free step type socket size with MS box, front plate in the existing switch board (Modular Type) Makes : Makes : Legrand Arteor / Schneider Zen celo / Honeywell Blenge Plus / Cabtree Amare / Logus Platina.					210.00	652.05	1	Each	136931.00
18	Labour charges for Fixing of Ceiling fan and regulator including transportation and giving connections with twin core wire etc., complete. Makes : Finolex / RR Kabel / Havells / Polycab / GM / Million / V-Guard / Gold Medal / Kundancab / HPL / RPG /Nandicab / Nakoda / Payal / Finecab / Gemini / Vimal /Suncab					210.00	206.80	1	Each	43428.00
19	Supply and fixing of concealed box PVC/MS with hook for fan Supply and fixing PVC / MS galvanised Fan hook box with hook including all Labour charges etc., complete.					210.00	201.22	1	Each	42256.00
20	Supply of 12" (300 mm) 900 R.P.M of heavy duty exhaust fan 250V A.C.50Hz.. 300mm size etc., complete. Makes: Crompton / Almounard / Havells Turbo Force.					10.00	3581.38	1	Each	35814.00
21	Labour charges for fixing of Exhaust fan in wall with necessary connections and masonry work of making hole, finishing etc., complete					10.00	560.42	1	Each	5604.00

1	2	3	4	5	6	7	8	9	10
22	Supply of the following PVC XLPE armoured cable 1100 V. Grade with ISI mark stranded / solid, aluminium conductor complete								
	3.5 Core 35.00 Sq.mm.					150.00	370.38	1 Rmt.	55557.00
	3.5 Core 95 Sq.mm.					100.00	683.96	1 Rmt.	68396.00
23	Earth work excavation of Trench in hard ground soil and Sand filling shall be provided at the bottom of trench before laying the cable and laying of U.G cables from 70 Sqmm up to 400 sqmm covering the cable with bricks and back filling of Trench duly providing route indicator at every 8 Mtrs distance embedded in C.C including cost and conveyance of materials and labour charges etc., complete.					250.00	411.40	1 Rmt.	102850.00
24	Providing independent earthing for Important equipment with 40mm dia 'B' class 2.5m long G.I pipe and 19mm dia 'B' class G.I pipe of 0.3mtr. long connected with reducer providing G.I funnel with mesh enclosed in C.C/ brick massonry chamber of 450m x 450m x 400mm with R.C.C. Slab cover duly providing staggered holes filling with 20Kg Salt and 40Kg Charcoal or 40Kg bentonite powder from the bottom of the pipe giving earth connection from electrode through G.I strip of 40 x 6mm x 200mm length with all accessories and labour charges complete, as per IS specifications 732/1982 (Part II)					4.00	5525.10	1 Each	22100.00
25	Supply and Run of 1 of 6 Sq.mm WPTC Aluminium cable along with No.10 SWG G.I bearer wire through PVC cleats with all accessories including labour charges etc., complete.					500.00	67.56	1 Rmt	33780.00
26	Supply and fixing of Integral street light luminaire of 150W HPSV / MH lamp fitting comprises of single piece die cast Aluminium body with copper wound ballast and capacitor, Ignitor, with pot optics including 150W HPSV lamp etc, fixing on wall with 1.0mt 40mm dia GI pipe bracket and anti-tilting MS flat, 2.5 Sq.mm flexible copper cable etc.,including all labour charges for mason work and giving connections etc., complete. Makes: Finolex / RR kabel / Havells / Beljin(HFFR)/Ollivin(HFFR) / Finecab (HFFR)					6.00	4950.55	1 Each	29703.00
							TOTAL >>>		2642135.00

Asst Engineer
TSEWIDC, Sangareddy

Dy. Executive Engineer
TSEWIDC, Sangareddy

Executive Engineer
TSEWIDC, Divn.Medak

WATER SUPPLY ARRANGEMENT


Name of the Work:- Construction of Addl. Class Rooms (68 No's) & Labs (10 No's) to Tara Govt. Degree College at Sangareddy Town in Sangareddy District

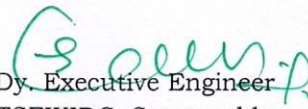
Sl. No.	Description of item	Measurements				QTY	Rate	Per Unit	Amount
		Nos.	L	B	D				
		3	4	5	6				
1	2								
1	Supplying and laying, filling, jointing and testing SWG SP-1 pipes of ISI make confirming to IS 1651 & 4127 1st quality with air tight Cement joints in CM (1.5:1) prop. including excavation of trenches and socket pits in any soil (except rock requiring blasting) and refilling with watering and tamping including cost and conveyance of all materials to site and all labour charges for finished item of work (APSS NO 1301 & 1318)					120.00	869.40	1 Rmt	104328.00
	152.40mm dia SWG pipe upto 3' depth								
	101.60 mm dia SWG pipe upto 3' depth					80.00	605.80	1 Rmt	48464.00
2	Constructing 457.2mm x 457.2mm (1'-6" x 1'-6") brick in CM (1:6) prop. Masonry inspection chamber upto 914.4mm (3'-0") and fitted with light weight 457.2mm x 457.2mm (1'-6" x 1'-6") frame and cover of 20kg., including cost and conveyance of all materials to site, all labour charges, sales and otehr taxes on all materials etc., complete for finished item of work					10.00	4854.80	1 No	48548.00
3	Constructing 904.0 mm (3'0") dia brick masonry inspection chamber as per IS - 4111: Part-1:1986 with cement mortar (1:6) prop using 2nd Class Clay Bricks of 225 mm thick from approved source having a minimum crushing strength of 5 N/sq.mm including plastering with cement mortar 1:3 prop; ½" thick both inside and outside fitted with 20" dia RCC manhole covers and frames including excavating pits up to a depth of 904 mm (3'-0") in all sorts of soils (exculding rock) and laying cement concrete (1:4:8) 150 mm thick using 40 mm HBG Metal and P.C.C. 1:2:4 benching and channel 100 mm thick as per Standard specification and including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, cost of seigniorage charges on all materials and all incidental and operational, labour charges like mixing cement mortar, constructing masonry, lift charges, curing etc., complete for finished item of work as per Standard specification.					5.00	8901.75	1 No	44509.00
4	Supplying and fixing 580 mm x 440 mm long Orissa pan white glazed Water Closet 1st quality ISI marked confirming to IS:2556-Part-3-1981 with "P" or "S" trap Hindware / Parryware / Neycer with brick masonry seat, CC squatting plate and fixing 12.70mm dia NP Push cock 1st quality , P trap or S trap of Indian W.C. shall be encased on CC (1:2:4) 150mm around well above the joint to stop leakage at the joint etc., complete including cost and conveyance of all materials to site, cost of CC bed, labour charges and seigniorage charges etc., complete for finished item of work	1	x	42		42.00	2749.75	1 No	115490.00

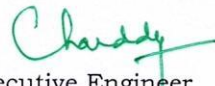
Sl. No.	Description of item	Measurements				QTY	Rate	Per Unit	Amount
		Nos.	L	B	D				
1	2	3	4	5	6	7	8	9	
5	Supplying and fixing of 15 mm brass body CP finish bib tap of not less than 300 grams weight screw type (full turn) with internal /external threaded connection conforming to IS 8931 including cost and conveyance of all materials, labour charges etc., complete for finished item of work in all floors.					40.00	297.90	1 No	11916.00
6	S&F of 15 mm brass body premium variety Chromium Plated finish bib tap with wall flange of not less than 500 grams weight with quarter turn spindle with either internal or external threaded connection conforming to IS 8931 and with 10 years warranty including cost and conveyance of all materials, labour charges etc., complete for finished item of work in all floors					10.00	996.65	1 No	9967.00
7	Supplying and fixing Indian make Flat Back Wash Hand Basin (HSW/Parryware/ Neycer) 1st quality conforming to IS:2556-Part-4:1972 of size 550mm x 400mm with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 and fitted with 15 mm nominal bore Chromium Plated Pillar Tap of 1st quality Indian make 400 grams Seiko/ Esso or equivalent complete with standard CI brackets including wooden block ,1 No.12.70mm PVC connection with brass union nuts CP coated , 1 No.12.70mm NP bib tap 300 gms Seiko or equivalent including cost and conveyance of all materials to site, labour charges etc. complete for					10.00	3695.05	1 No	36951.00
8	Supplying and fixing approved make wash down European Water Closet of 1st quality conforming to IS:2556-Part-2-2004 of white glazed with 'P' trap, supplying and fixing best Indian make plastic seat and lid for European water closets with rubber or plastic Buffers as per IS 2548-1996 and 10 litres capacity single flush PVC low level cistern with internal components and fixed using required size of nails and screws, 15 mm brass angle stop valve of quarter turn spindle type of not less than 400 grams weight with internal threaded conforming to IS 8931, 15mm PVC connections with brass union nuts CP coated including cost and conveyance of all materials to site, overheads & contractors profit etc., complete for finished item of work for all floors	1	x	5		5.00	5470.56	1 No	27353.00
9	Providing and placing on terrace (at all floor levels) polyethylene water storage tank with double layer approved brand and manufacture with cover and suitable locking arrangement and making necessary holes for inlet and outlets and over flow pipes but without fittings and base support for tanks including cost and conveyance of all materials and labour charges for placing and fixing in position as directed by Engineer-					2000.00	9.10	1 Ltr	18200.00
10	Supply and fixing of Ashirvad/Ajay/Astral Flowguard or equivalent CPVC pipes and fittings to meet the requirement of ASTM-D 2846 and are produced in CTS(copper tube sizes 1/4" to 2") ashirvad flowguard SDR11 and SDR 13.5 pipes are made from identical CPVC components having the same physical properties for Hot and cold Water confirming to 54.00mm OD pipe - SDR 13.5					50.00	606.70	1 Rmt	30335.00

Sl. No.	Description of item	Measurements				QTY	Rate	Per Unit	Amount
		Nos.	L	B	D				
1	2	3	4	5	6	7	8	9	
	41.30mm OD pipe - SDR 13.5					80.00	417.00	1 Rmt	33360.00
	28.60mm OD pipe - SDR 13.5					150.00	246.55	1 Rmt	36983.00
	22.20mm OD pipe - SDR 13.5					80.00	186.35	1 Rmt	14908.00
11	Supplying and fixing of SWR/ PVC pipes (as per ISI standards) 4 Kg/Sq.cm. Prince/sudhakar or any ISI brand and fixing all special such as plain bends, off sets, door bends, single junctions, double junctions as per site requirement, fixing with PVC clamps if necessary with required number of Bombay nails including cost and conveyance of all materials to site, labour charges etc.complete for finished item of work at all floor levels. (APSS No. 1302 1319 & 1326)								
	110mm dia 3 Mts single socket					120.00	219.60	1 No	26352.00
	90mm dia 3 Mts single socket					100.00	187.40	1 No	18740.00
12	Supplying and fixing PPR ball valve conforming to DIN standards 8077/8092 , Indian make heavy type including cost and conveyance of all materials , labour charges etc. complete for finished item of work.								
	25 mm dia					10.00	279.50	1 No	2795.00
	32 mm dia					5.00	292.00	1 No	1460.00
13	Supplying and fixing CP finish brass soap dish type complete including cost and conveyance of all materials, labour charges for fixing etc., complete for finished item of work in all floors								
						5.00	681.50	1 No	3408.00
14	Supplying and fixing TV shape mirror with plastic frame of size 609.6mm x 457.2mm , plywood back with NP screws 1st quality including cost and conveyance of all materials, labour charges etc., complete for finished item of work in all floors.								
						5.00	593.10	1 No	2966.00
15	Supplying and fixing of 25.4mm dia , 609.6mm long aluminium anodized towel rods with brackets and aluminium screws including cost and conveyance of all materials, labour charges etc., complete for finished item of work.								
						5.00	190.90	1 No	955.00
16	Supplying and fixing UPVC/SWR Nahani traps 4" or 101.6mm dia 1st quality ISI marked conforming to IS:1729-1979 with 4" dia SS Grating fixing with white cement as per site requirements with standard practice for all floors including cost and conveyance of all materials to site, labour charges etc., complete for finished item of work.								
						10.00	213.60	1 No	2136.00

Sl. No.	Description of item	Measurements				QTY	Rate	Per Unit	Amount
		Nos.	L	B	D				
1	2	3	4	5	6	7	8	9	
17	Manufacture, supply & delivery of 50mm of outer dia Polyethylene pipes (PE-100 Grade) of 6Kg/Sqcm. conforming to IS 4984 - 1995 including transportation to site including laying and jointing of HDPE pipes as per BIS No.7634 Part -II/75 including fixing required specials /fittings including excavation of trenches up to 0.50 mts depth in all soils except rock requires blasting and refilling trenches after laying and jointing of pipes as per standard specifications including cost and conveyance of all materials to site, all labour charges, sales and other taxes on all materials etc., complete for finished item of work.					150.00	130.00	1 Rmt	19500.00
								TOTAL >>>	659624.00

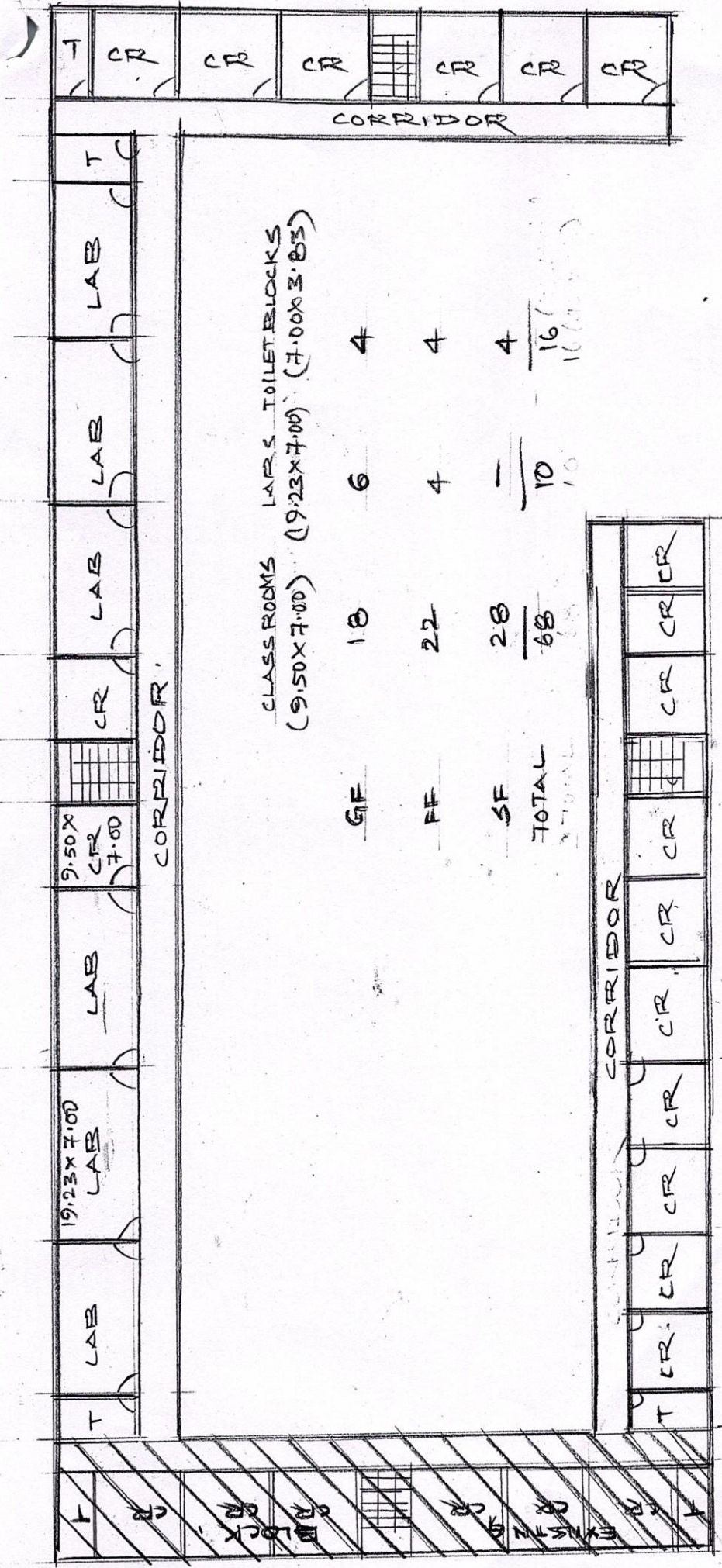

 Asst Engineer
 TSEWIDC, Sangareddy


 Dy. Executive Engineer
 TSEWIDC, Sangareddy


 Executive Engineer
 TSEWIDC, Divn.Medak

N/W: - C/O ADDITIONAL CLASS ROOMS, LABS AND TOILETS IN EXISTING GOVT. DEGREE COLLEGE TARA,

AT SANGAREDDY TOWN IN SANGAREDDY DIST



CLASS ROOMS 14RS TOILET BLOCKS
 (9.50 X 7.00) (19.23 X 7.00) (7.00 X 3.85)

GF	18	6	4
FF	22	4	4
SF	28	-	4
TOTAL	68	10	16

[Signature]
 ASST. ENGINEER
 TSEWIDC | SANGAREDDY

[Signature]
 DY. EXECUTIVE ENGINEER
 TSEWIDC, SANGAREDDY.

[Signature]
 Executive Engineer
 TSEWIDC
 Medak at Sangareddy.