

Comprehensive Master Plan (2014 – 2019)



SUKUNA MULTIPLE CAMPUS

Koshi Haraicha, Morang

2014

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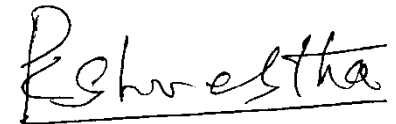
Sukuna Multiple Campus

Message from the campus chief

It gives me pride and pleasure to inform to all the concerned stakeholders that we have developed this first comprehensive master plan of this campus which hopefully be comprehensive in its true exposure.

Thanks to the efforts of the campus management committee members, members of the campus assembly, teachers and non-teaching staff and our students too. As the words of assurance on behalf of the campus, we are committed to continue to play a leading role in our goal of attaining academic excellence regionally, nationally and internationally. In this colossal effort, Sukuna Multiple Campus is capable of addressing the demand of the higher education required for the nation building with emphasis on researches. As an institution of higher education, it is equally committed to the discovery and transmission of knowledge and to the integration of excellence to inform and form its students.

We have challenges associated with this plan to commence, continue and complete, but we are uniquely making the plan to be a beacon of hope and light for all. I invite you to join us, as a prospective student, parent, or friend.



Pit Kumar Shrestha
Campus chief

Sukuna Multiple Campus Mission, Vision and Goals

Campus Vision

Academic excellence for civilized, advanced and equitable society.

Campus Mission

The mission of SMC is "to impart quality; technical as well as practical education to produce advanced, research level competent manpower based on the people's participation expanding physical facilities and optimum utilization of manpower management:

Campus Goals

- 1. Promote institutional learning through excellence in teaching support services and instructional delivery systems.*
- 2. Build rapport between stakeholders and Campus aiming at establishing their ownership.*
- 3. Develop relationship to the local, national and international as well as governmental and nongovernmental organizations and agencies.*
- 4. Enhance access flexibility and responsiveness to meet the changing educational needs of the students and the community.*
- 5. Provide the resources and skills necessary to prepare students, faculty and staff to function effectively in a technologically-driven world.*
- 6. Promote the institutional culture that values the individuals, fosters diversity; and encourage professional development, action, creativity and risk taking.*
- 7. Continuously improve programs and services while aggressively seeking and effectively managing human, financial, physical and technological resources.*

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1. Introduction

Sukuna Multiple Campus, located in the northern part of Morang district, Koshi-Haraicha Municipality – 4, Nepal, is significantly non-profit making public based institution which was established in 2048 B.S. Despite its short history of establishment, it is incredibly creating its fames as one of the pioneering institution in the eastern region of Nepal. This institution now feels proud of having produced about three hundred above Master's level manpower in different disciplines within a short span of time. The present level of success attained by the Campus is not merely from the effort of an individual but from the diverse angles and personalities, concerned authorities and institutions. Considering the potentiality of the Campus in the expected field the University Grant Commission (UGC) has also selected it for implementation of 'SHEP' scheme – B which is believed to mark the milestone in the current juncture of the Campus.

As the UGC has launched the program of Quality Assurance and Accreditation (QAA) with noble aim of enhancing the quality of Higher Education in Nepal, this Campus has firmly decided in QAA procedure to address the following prime purposes:

- To assure students as well as the stakeholders with higher quality education.
- To make Campus known to the nation as an institution imparting higher quality education.
- To track down weaknesses, demerits and the problematic areas and aspects while in the process of achieving qualitative higher education.
- To gear up genuine effort to overcome the difficulties on the way to attain the goal.

In this context SMC has prepared a Comprehensive Master Plan (2014 – 2019) as per the suggestions of PRT by UGC for the requirement of PRT post-visit.



Figure 4: Meeting with stakeholders



Figure 5: Meeting with CMC

Planning Process

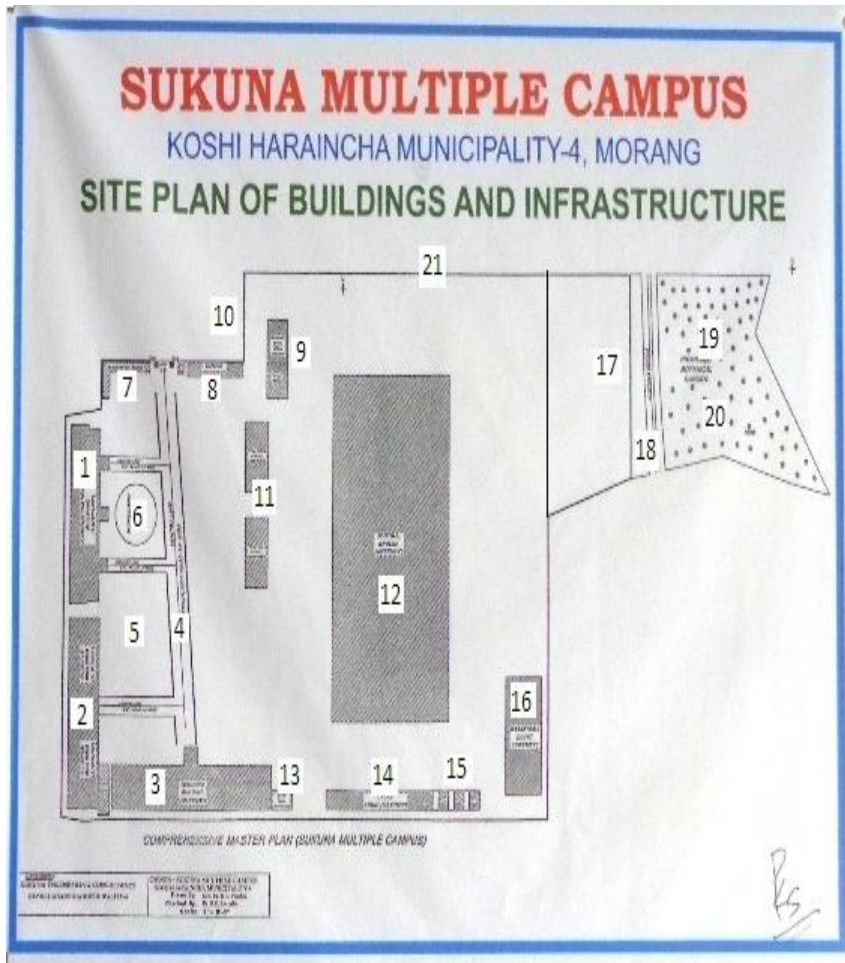
The master planning team consisting of Campus physical and program planners, engineers and technicians has worked to maintain an open and engaged process. A joint interaction program was conducted with Campus Authority, CMC members and stakeholders to seek the major issues of master plan. The suggestions provided by PRT lead by Prof. Dr. Krishna Manandhar also helped the team create a final concept of the plan.

Physical Master Plan



Figure 6: Satelite Map of Sukuna Multiple Campus

Physical Master plan



1. *Administrative Building*
2. *Science Building*
3. *Teaching Building*
4. *Path way with boundary wall*
5. *Botanical Garden*
6. *Monument*
7. *Motorcycle Stand*
8. *Temporary Canteen*
9. *Permanent Canteen*
10. *Shopping Complex*
11. *Volleyball court*
12. *Football Ground*
13. *Gents Toilet*
14. *Cycle Stand*
15. *Table tennis court*
16. *Basket ball court*
17. *Botanical Garden*
18. *Embankment*
19. *Girls Hostel*
20. *Plantation Are*
21. *Boundary Wall*

Figure 7: Physical Map

Existing Physical Infrastructure of Campus



Figure 8: Existing Cycle Stand



Figure 9: Teaching Building



Figure 10: Administrative Building



Figure 11: Existing Canteen



Figure 12: Existing Administrative Building



Figure 13: Samman Smarak



Figure 14: Interior part of Existing Canteen



Figure 15: Administrative, Science and Teaching Buildings with garden



Figure 16: Administrative, Science and Teaching Building



Figure 17: Teaching Building



Figure 18: Campus Main Gate



Figure 19: View of Campus from North



Figure 20: Science Building under construction

2. Comprehensive Master Plan (2014 – 2019)

With its educational programs in the background and expanded popularity and reputation for imparting higher education in the eastern region, as well as its process of Quality Assurance and Accreditation (QAA) through University Grants Commission; Sukuna Multiple Campus has considered to bring its overall programs under all inclusive plan. By its geographical placement, this campus has been set up in the centre of Koshi-Haraincha Municipality, which is gradually expanding and extending by leaps and bounds to the urbanization. In this municipality, the diverse composition of the people of the multi-lingual and multi-racial is genuine evident. To address the diversity along with many others of the stakeholders and the culture too, the extension of the physical infrastructure of the campus and its academic strength ; this comprehensive master plan of SMC has been prepared.

Development of Physical Infrastructure.

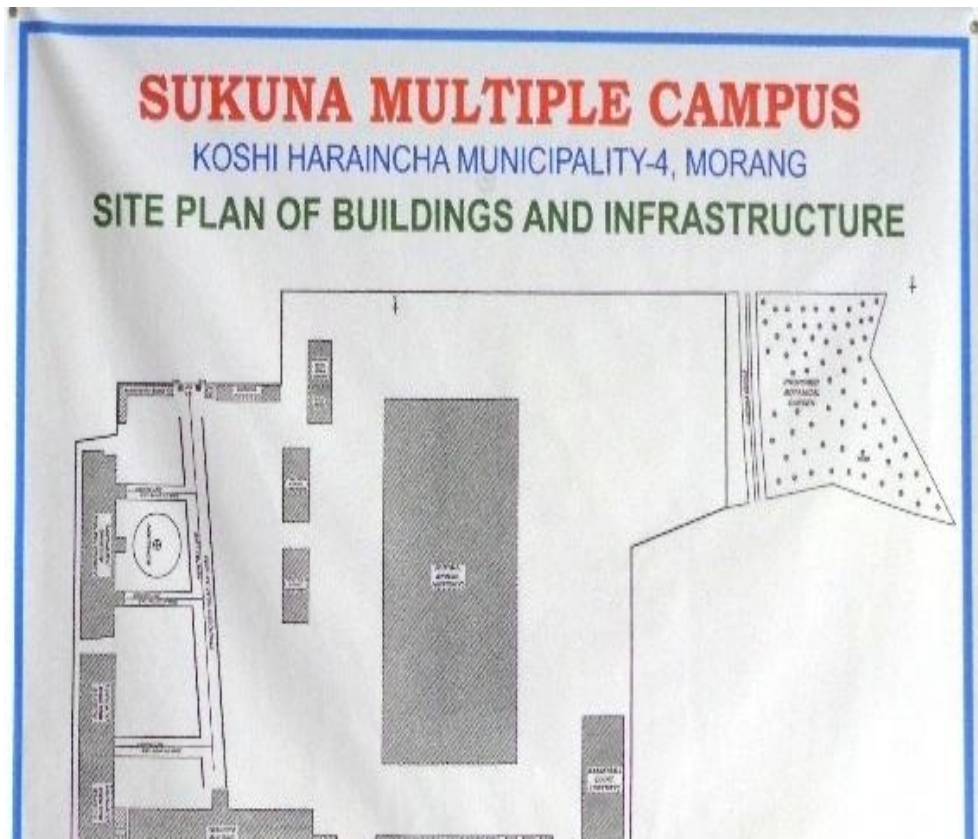


*The proposed canteen building must be two storied. Completed up to 2072
B.S.The canteen must be to the eastern side of motorcycle stand. Students capacity of dining Hall : 50 at once. Teachers capacity of dining Hall : 25 at once.*

Figure 21: Proposed Canteen



Figure 22: Interior part of proposed canteen



A Pathway with boundary wall must be constructed from the campus gate to the teaching building

The surrounding of the pathway must be made green by the plantation.

Examination Hall



Figure 24: Proposed examination hall at the top floor of teaching building

Examination Hall must be set at the top floor of teaching and science buildings, floor must be roofed with the tin (Jasta Pata) There must be well facilitated examination Hall.

Botanical Garden



Figure 25: Proposed Botanical Garden in front of Science Building

The botanical Garden must be made in front of the Science Building in the available open space. Botanical Garden is also made to the eastern bottleneck of Campos compound. The Botanical Garden shall support the practical activities of Botany. Plants and shrubs of various species are cultivated in the botanical garden.

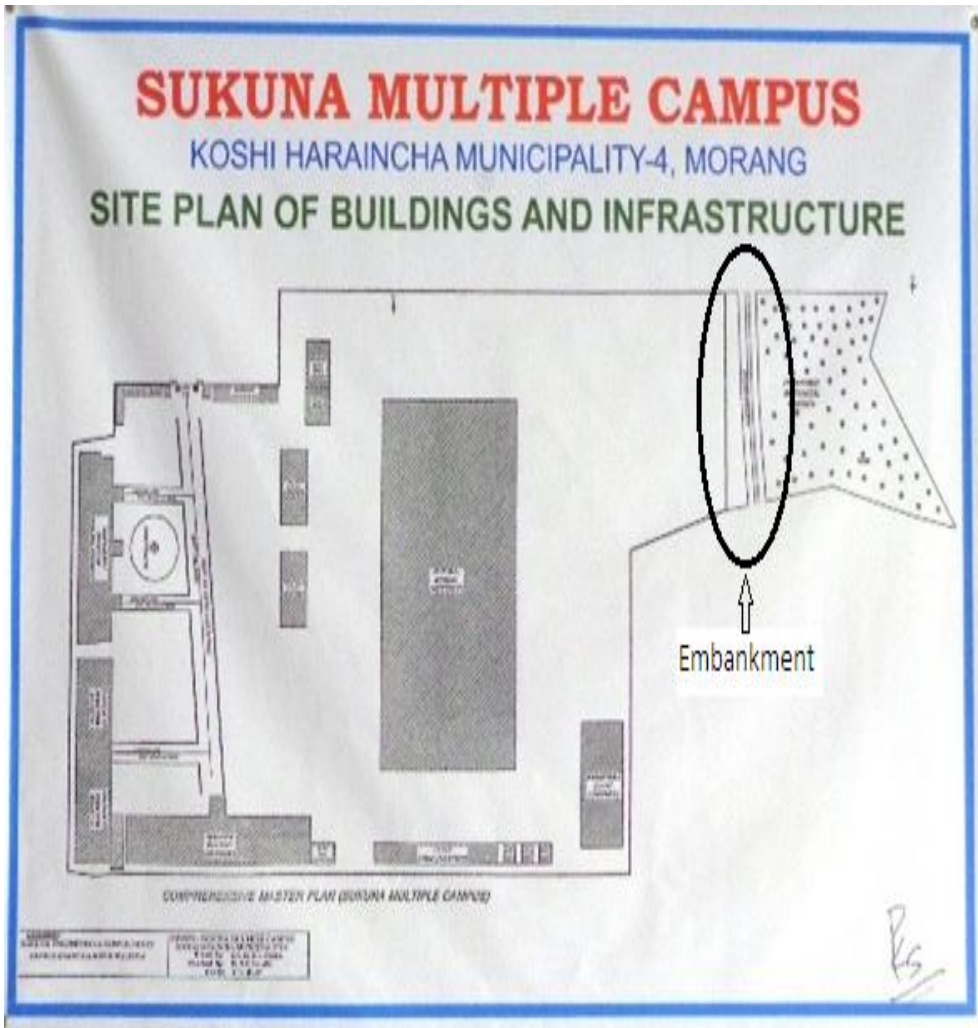
Plantation



Figure 26: Plantation Area

Trees of various species must be planted in the open area outside the compound wall in the east.

Area of open space land
5 Katha 18225 Sq. ft.



An embankment must be constructed at the edge of the Sukuna Paini which flows outside the compound wall in the east. The embankment will protect the compound wall. Sukuna Paini must be embanked with a dyke outside the compound wall.

Figure 27: Dyke in the Sukuna river

Ladies Hostel



Figure 28: Proposed Girls Hostel

A ladies Hostel building must be constructed in the middle of the plantation area.

Capacity of Buildings

Total rooms 30 with approximately 60 girls students shall be facilitated in that hostel.

The hostel shall provide an opportunity and access to the girls students from who come from the distant places.

Shopping complex



Figure 29: Proposed Shopping Complex

A shopping complex building must be constructed to the north-east side of the campus compound. The shopping complex shall help to generate funds for the campus.

Motorcycle Stand



Figure 30: Existing Motorcycle Stand

The motor cycle stand space must be extended to the area of existing temporary canteen after the completion of new canteen as the existing place is not enough for parking.

Table Tennis and Basket ball courts.



Figure 31: Proposed Basket Ball court

Table Tennis courts must be constructed in the eastern part of cycle stand and the Basket Ball courts must be standardized.



Figure 32: Proposed Table Tennis Court

Gents Toilet



Figure 33: Proposed three story Gents Toilet

The second and third stories of gents toilet must be constructed to the eastern side of Teaching Building.

3. Transportation Management



Figure 34: Campus Bus

The Campus buses must be purchased for providing transportation facilities to the students. The students of morning and evening shift shall be benefited by this program.

4. Faculty development program

S.N.	Program	Provision	No. of benefited teacher per Year
1.	M.Phil	In-service Study	1
2.	Ph.D.	Rs. 1,00,000 Scholarship	1
3.	Training & Seminar	Collaboration with T.U., UGC & Campus	At least 1 time yearly

5. Library Management



Figure 35: Existing Library Management

Software installed in the Library. Well facilitate reference room and reading room must be managed.

6. Self Sustaining Programs

Sukuna Multiple Campus has aimed to conduct following sustaining programs within coming five years. Such programs are conducted with the collaboration of local municipality, DDC and other donor agencies.

- Technical and vocational training
- MBA Program
- Satellite School
- Model child development center.

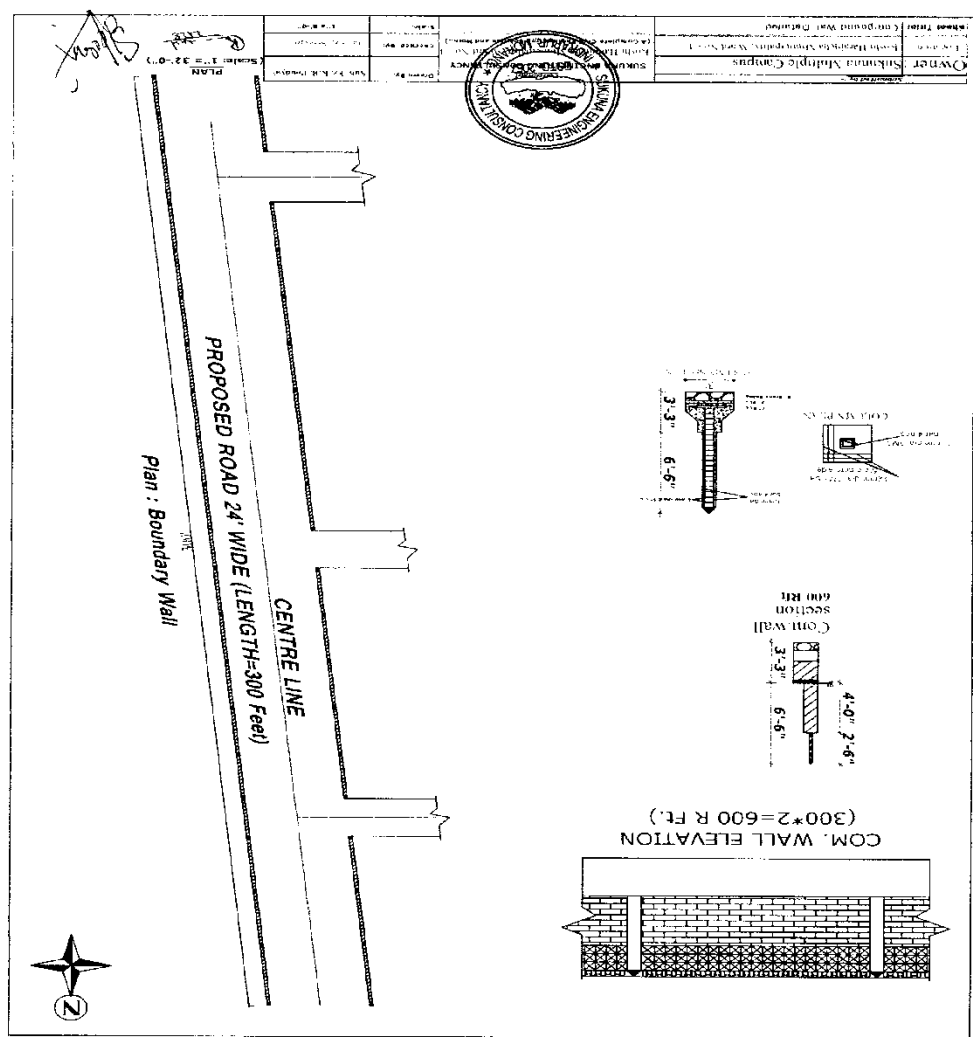
Sukuna Multiple Campus
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7. Cost Estimation

S.N.	Description of Program	Duration	Financing Responsibility	Cost estimation (NRs)
1.	<u>Physical Infrastructure</u>			
	Canteen	within 2016	Campus	12,00,000.00
	Pathway and boundary Wall	within 2014	Constituent Area Development Fund and Municipality	16,91,185.18
	Examination Hall	within 2018	VDC, Municipality	30,00,000.00
	Botanical Garden	within 2016	Campus	3,00,000.00
	Embankment	within 2016	Jal Utpanna Prakop, DDC Morang	5,00,000.00
	Ladies Hostel	within 2019	25 % Campus & 75 % Donor Agency	1,00,00,000.00
	Shopping complex	within 2019	25 % Campus & 75 % Donor Agency	50,00,000.00
	Motor Cycle Stand	within 2016	Campus	1,00,000.00
	Table Tennis and Basket ball court	within 2014	Campus	3,00,000.00
	Gents Toilet	within 2014	small town drinking Water Development Project	37,00,000.00
2.	<u>Transportation Management</u>			
	Cost of buses	within 2019	25 % Campus & 75 % donor Agency	1,00,00,000.00
	Construction of Bus Park	within 2019	25 % Campus & 75 % donor Agency	3,00,000.00
3.	<u>Faculty Development Program</u>			
	M.Phil	Yearly	Campus	4,59,180.00
	Ph.D.	Yearly	Campus	1,50,000.00
	Training & Seminar	2 times yearly	Campus	1,00,000.00

4.	<u>Library Management</u>			
	software Installation	Installed	Campus	2,50,000.00
	Purchasing books & reference materials	within 2014	Campus	6,00,000.00
	Purchasing International Journals	within 2014	Campus	1,00,000.00
	Reading room and reference room management	within 2014		
5.	<u>Self Sustaining Program</u>			
	Technical & vocational Training	within 2019	Campus, Local Institutions, VEC & donor Agencies	10,00,000.00
	MBA Program	within 2019	Campus	5,00,000.00
	Satellite Schools	within 2019	Campus	10,00,000.00
	Model Child Development Centre	within 2019	Campus	5,00,000.00

Annex 1: Site Plan

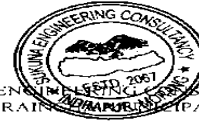


Annex 2: Cost estimation

SUKUNA MULTIPLE CAMPUS KOSHI HARAINCHA MUNICIPALITY - 4, MORANG COST ESTIMATION OF ROADWALL BOUNDARY

Particulars	Nos.	Length	Bredth	Height	Total Amoun:	Units	Rate	Total Amount
1. E/W excavation in Podn.								
Column	42	0.91	0.91	0.91	31.649982	m3	216.3	6845.891107
Wall	2	86.2	0.61	0.92	96.75088	m3	216.3	20927.21534
2. Dry stone soling in Column	42	0.91	0.91	0.203	7.0603806	m3	22.50	15885.85635
" Wall	2	86.2	0.61	0.15	15.7746	m3	22.50	35492.85
3. P.C.C.in 1:3:6 in column	42	0.91	0.91	0.076	2.6432952	m3	7360.2	19455.10203
" Wall	2	86.2	0.61	0.1	10.5164	m3	7360.2	77402.80728
4. P.C.C. in 1:2:4 column(below G.L.)	42	0.381	0.381	0.91	5.54805342	m3	7360.2	40834.61634
P.C.C. in 1:2:4 column(below G.L.)	42	0.254	0.254	1.98	5.36515056	m3	7360.2	39488.58115
5. B/W below G.L.	2	86.2	0.45	0.66	51.2028	m3	8299.3	424047.398
B/W below G.L.	2	86.2	0.25	1.22	52.582	m3	8299.3	436393.7926
6. PCC above G.L.	2	86.2	0.25	0.05	2.155	m3	7360.2	15861.16635
7. Wooden Form Work					L.S.			75234.45
Plaster work (1:3)	4	86.2	1.22		420.656	m2	217.15	91345.4504
8. Reinforcement of steel in 1.25% of P.C.C(1:2:4)		10.9	7650		1042.3	Kg	75.6	78797.88
9. Steel above Wall					L.S.			312272.12
Total:-								1691185.18

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Prepared by
(Sub. En. K.R. Poudyal)



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