

PROPOSAL ON SCHOOL SCIENCE LAB

SHREE CHANDRAWATI SECONDARY SCHOOL BHANU- 7 CHUNDI ,TANAHUN, NEPAL

PROJECT NAME: Installation of Science Equipment in the Science Lab

PROJECT SUMMARY: Arrangement of Science Equipment in the Science Lab

APPROXIMATE PROJECT DATES:
7th June 2026 – 10th August 2026

ABOUT THE COMMUNITY:

Chundi, Tanahun

Bhanu-7, Tanahun is a peaceful and culturally rich community located in **Bhanu Municipality** of **Tanahun District, Gandaki Province, Nepal**. Surrounded by beautiful hills, forests, and fertile agricultural land, the area is known for its natural beauty, strong community spirit, and deep connection to traditional Nepali culture. Bhanu Municipality itself is named after the great Nepali poet **Bhanubhakta Acharya**, who was born in this region.

The residents of Bhanu-7 come from diverse ethnic and cultural backgrounds, living together in harmony while preserving their unique traditions and values. Agriculture remains an important part of daily life, with many families engaged in farming and livestock rearing. The community is known for its hospitality, respect for elders, and active participation in social and cultural activities.

Major festivals such as **Dashain, Tihar, Maghe Sankranti, Teej, and Bhanu Jayanti** are celebrated with great enthusiasm. These occasions bring people together through traditional rituals, cultural programs, music, and community gatherings, strengthening local unity and cultural identity.

Despite ongoing modernization and development, Bhanu-7 continues to maintain its rural charm and cultural heritage. The community places strong importance on education, social cooperation, and sustainable development, making it a vibrant and welcoming place to live in the heart of Tanahun.



ABOUT THE SCHOOL:

Shree Chandrawati Secondary School (Government) is located in Bhanu 7, Chundi Tanahun. Prem Nath Dhakal principal along with a team of qualified and dedicated 20 teachers and 3 non-teaching staff running this school very effectively in one of the rural areas of Tanahun District. The School strives to nurture 300 students' intellectual, social, and moral growth. The school emphasizes discipline, responsibility, and lifelong learning while encouraging students to actively participate in extracurricular and co-curricular activities.



Situated in the beautiful and peaceful surroundings of Chundi, the school provides a pleasant atmosphere that supports effective teaching and learning. The natural environment, combined with modern educational practices, helps students develop creativity, confidence, and critical thinking skills.

The school celebrates various national and cultural festivals, educational programs, and community activities that strengthen social harmony and cultural awareness among students. It aims to preserve local values while preparing students to meet the challenges of the modern world.

We believe that education is the foundation of personal and social development. Therefore, Shree Chandrawati Secondary School continuously works to create, share, and apply knowledge effectively, empowering students to become responsible citizens and valuable contributors to society. The ultimate goal of the school is to develop capable, compassionate, and service-oriented individuals who can contribute positively to their communities and the nation.

ABOUT THE PROJECT:

Present Situation of the Science Lab

The science lab of the school currently has only a few pieces of equipment, which are insufficient for students to carry out practical work. There are only a few racks, and there is a sink. Additionally, there is no proper slab or workspace for students to perform practical activities.





Students in Science Lab

ANTICIPATED BENEFITS: The project is expected to bring several educational and developmental benefits:

- Improved team works and communication.
- Improved academic performance.
- Students practice practical technical skills that are useful in their lives.
- Hands on learning and increased engagement.
- Development of critical thinking and problem solving skills.

PRIMARY BENEFICIARIES: The main beneficiaries of this project include:

- Students (Grades 1–10 or higher): Gain practical exposure and improved learning outcomes
- Science Teachers: Get better resources to teach effectively and creatively
- School Community: Enhances the overall quality and reputation of the school
- Future Students: Continue to benefit from improved infrastructure and learning environment

DETAILED BUDGET:

A. From LSF/E4E

1. Physics

SN	Item	Unit	Qty	Rate (NPR)	Total (NPR)
1.	Beaker	100	10	100	1000
2.	Multimetre		2	800	1600
3.	Screw Driver set		1	2000	2000
4.	Test tube holders		20	100	2000
5.	Spirit Lamp	-	10 pc	100	1000
6.	Beaker	250 m	3 pc	450	1350
7.	Measuring Cylinder	1000 ml	2 pc	500	1000
8.	Woulf's Bottle	250 ml	5 pc	475	2375
9.	Woulf's Cork	-	10 pc	35	350
10.	Soft Iron Core		2	200	400

11.	Traingular File	-	3 pc	200	600
12.	Glass Slab	-	5 pc	300	1500
13.	Pan Balance	-	1 pc	1600	1600
14.	Slinky		2	500	1000
15.	Concave lens(thick lens)		5	500	2500
16.	convex lens(thick lens)		5	500	2500
17.	ray box		1	1000	1000
18.	Hand Lens	-	3pc	100	300
19.	Wire Cutter		2	150	300
20.	Burners	-	2 pc	800	1600
21.	Glass Pipes	-	25 pc	350	8750
22.	6V Battery		1	1500	1500
23.	12 V Battery		1	1500	1500
24.	Max Min Thermometer	-	2 pc	400	800
25.	Spring Balance		5 Pc	100	500
26.	Pulley	-	2 pc	250	500
27.	Electric Bell	-	2 pc	1000	2000
28.	manometre		2 pc	1000	2000
29.	Gloves ,		30 pc	100	3000
30.	Labcoat		10 pc	500	5000
31.	Strong Magnet		3	500	1500
32.	Clinical Thermometer	-	2 pc	250	500

33.	Breed board		10	300	3000
34.	Digital Thermometer	-	2 pc	200	400
35.	Thermal Gun	-	2 pc	1500	3000
36.	Step up transformer		1pc	1000	1000
37.	Step down Transformer		1 pc	1000	1000
38.	Digital multimeter		2 pc	1000	2000
39.	Ammeter	-	2 pc	750	1500
40.	Voltmeter	-	2 pc	750	1500
41.	Galvanometer	-	2 pc	750	1500
42.	Dynamo	-	2 pc	1000	2000
43.	Copper Coil	-	2 pc	900	1800
44.	Newtoric Color Disc	-	2 pc	500	1000
45.	Spring Balance	-	5 pc	350	1750
46.	Eureka Can	-	2 pc	85	170
47.	Very strong U Shaped Magnet	-	2 pc	400	800
48.	Very strong Bar Magnet	-	2 pc	350	700
49.	Solar System Chart	-	2 pc	650	1300
50.	semiCircular glass slab		2	500	1000
51.	Right angled Prism		3	200	600
52.	Thermal Gun		1	2200	2200
	Total				81745

2. Chemistry

SN	Item	Unit	Qty	Rate (NPR)	Total (NPR)
1	Hydrochloric acid(Concentrated)		5	700	3500
2	Cork boares and cork	25/50		450	450
3	PH Meter	-	2 pc	2600	5200
4	Atomic Model	-	2 pc	1500	3000
5	Gas Jars	-	2 pc	300	600
6	Modern Periodic Table Chart	-	1 pc	700	700
7	Tripod Stand	-	5 pc	400	2000
8	Water basin with construction		1	8000	8000
8a	Pipe		1	2000	2000
8b	Water Tank		1	5000	5000
9	Potassium	300gm	1	1500	1500
	Total				31950

3. Biology

SN	Item	Unit	Qty	Rate	Total
1)	Earthworm	-	1	550	550
2)	Pila	-	1	550	550
3)	Sea Urchin	-	1	650	650
4)	Digestive System Chart	-	1	400	400
5)	Life Cycle – Silk Worm Chart	-	1	400	400
6)	Life Cycle – Honey Bee Chart	-	1	400	400
7)	Dissection Box		3	1000	3000
8)	Human Heart	-	1	400	400
9)	Reproductive System	-	1	400	400
10)	Slides for microorganisms		2	2500	5000
11)	Slides for internal parts of plants		2	2500	5000
12)	Sphygmomanometer		1	2500	2500
13)	Weighting machine		1	2500	2500
	Total				21750

Miscellaneous

1	Communication	-	-		1000
2	Transportation	-	-		8000
3	Lunch	-	-		3000
4	Others				3000
	Total				15000

Total

Category	Subtotal (NPR)
Physics	81745
Chemistry	31950

Biology	21750
Miscellaneous	15000
Grand Subtotal (before VAT)	150445
From School Side	37611.25 (25%)
From LSF/E4E Side	112833.75 (75%)

Note# extra 13 per cent VAT will be applied to the quoted rates while invoicing

COMMITTEE MEMBERS:

1. Sunita Adhikari (CM) - Leader
- 2.Sarala Khadka (Teacher)- Leader
- 3.Prem Nath Dhakal (Principal) - Leader
- 4.Sanjeeb Rijal (Teacher) - Member
- 5.Samita Majkoti (LSF/E4E) - Member
- 6.Manika Khatri (LSF/E4E) - Member