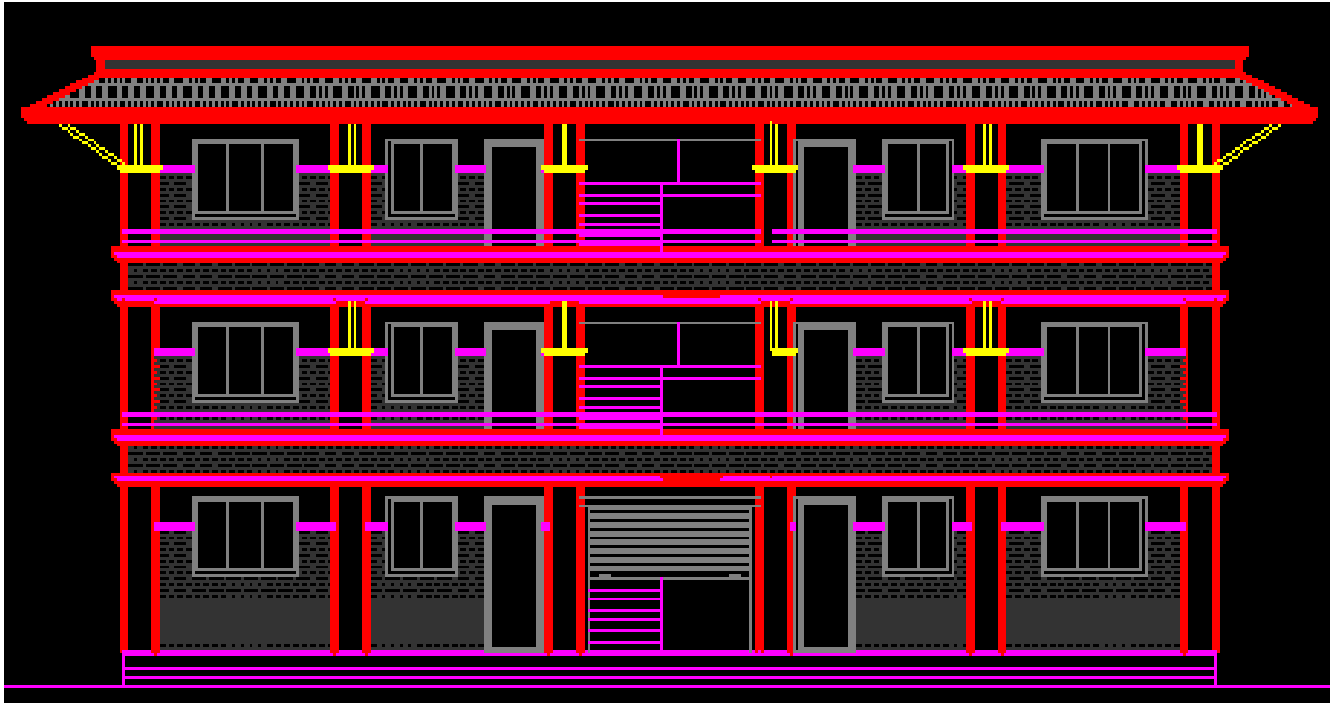

**PROGRESS REPORT 2
OF
CONSTRUCTION
OF
BETRESHWORI BASIC SCHOOL
AT
Syaule – 5, Badlang Sindhpalchowk, Nepal**



VOLUME I: FIELD REPORT

JULY, 2019

Submitted by:

A handwritten signature in blue ink, appearing to read 'Dilip Kumar Gasi'.

Dilip Kumar Gasi

(Mass Consult P. Ltd.)

PROJECT INFORMATION

Name of the Project Construction of School Building

Name of the Client Non-Resident Nepali Association (NRNA)

Name of the Consultant Mass Consult P. Ltd.
Email : massconsult12345@gmail.com

SUBMISSION INFORMATION

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Checked & Reviewed By Mr. Dllip Kumar Gasi

Signature

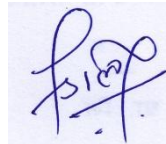


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1. INTRODUCTION

1.1 PROJECT BACKGROUND

The Construction Project of Betreshwori Basic School is located at Syaule – 5, Badlang Sindhpalchowk, Nepal. The Project is under construction with support of **Non-Resident Nepali Association (NRNA)** in order of financial support by **IOWA Nepalese Association Fund School (USA)**

1.2 SCOPE OF WORK

- Site visit and physical inspection of the construction
- Physical Field verification of site in accordance to design drawings and specification.
- Evaluation of work progress in response to agreement.

1.3 TECHNICAL SUMMARY

The findings of the report have highlighted status of works at construction site.

Following jobs had been completed up to preparation of this report:

- Site Clearance with maintaining required ground level.
- Earthwork excavation in foundation of all types of soil including backfill, compaction with water sprinkling and disposal of surplus material.
- Boulder soling for base.
- RR stone masonry work up to the super structure from foundation.
- Concrete work M10 (1:3:6 mix) for PCC on foundation base.
- PCC work for RCC work in M20 (1:1.5:3 mix) for sub-structure (Footing, Column up to Plinth Level, Foundation Beam, Plinth Tie Beam) including Reinforcement and centering and shuttering.
- PCC for RCC works in M20 (1:1.5:3 mix) for column, Staircase, 1st floor Beam and Slab.
- Ground floor walls with opening fixing.

2. CONCLUSION AND RECOMMENDATION

- 1) As evident from above, there is necessary to release 3rd installment of Fund for execution of remaining works of project.
- 2) The actual cost of work up to 1st floor as follows:

S. No.	Particulars	Date of evident	Unit	Quantity	Rate (NRs.)	Amount	Remarks
1	Physical effort						
	Petty Contract up to Plinth Level (Prop. Mr. Bir Bahadur Tamang)	6/15/2075	Job	1.00	350,000.00	350,000.00	Contract attached
1.1							
1.2	Labour payment	Chaitra, 075	Month	1.00	110,550.00	110,550.00	Muster Roll attached
1.3	Labour payment	Baishakh, 076	Month	1.00	208,450.00	208,450.00	Muster Roll attached
1.4	Labour payment	Jestha, 076	Month	1.00	268,350.00	268,350.00	Muster Roll attached
1.5	Labour payment	Asar, 076	Month	1.00	9,600.00	9,600.00	Muster Roll attached
2	Tools and Plant					-	
2.1	JCB for Earthwork	6/13/2075	Lot	1.00	233,910.00	233,910.00	Bill attached
2.2	Hilltake tank	7/29/2075	Lot	1.00	12,430.00	12,430.00	Bill attached
2.3	Transportation	1/30/2076	Lot	1.00	102,000.00	102,000.00	Bill attached
2.4	Transportation	2/21/2076	Trip	21.00	3,000.00	63,000.00	Bill attached
2.5	Transportation of cement and bars	1/13/2076	Trip	2.00	3,500.00	7,000.00	Bill attached
						-	
3	Construction Material					-	
3.01	Sand	7/28/2075	Lot	1.00	34,171.02	34,171.02	Bill attached
3.02	Reinforcement and cement	7/28/2075	Lot	1.00	272,339.04	272,339.04	Bill attached
3.03	Reinforcement and cement	8/3/2075	Lot	1.00	222,558.02	222,558.02	Bill attached
3.04	Sand	8/3/2075	Lot	1.00	34,171.00	34,171.00	Bill attached
3.05	Aggregate	8/8/2075	Lot	1.00	30,800.00	30,800.00	Bill attached
3.06	Aggregate	8/9/2075	Lot	1.00	30,800.00	30,800.00	Bill attached
3.07	Aggregate	8/9/2075	Lot	1.00	30,800.00	30,800.00	Bill attached
3.08	Sand	8/11/2075	Lot	1.00	34,171.00	34,171.00	Bill attached

CONSTRUCTION OF SCHOOL BUILDING

3.09	Sand	8/11/2075	Lot	1.00	34,171.00	34,171.00	Bill attached
3.10	Sand	8/15/2075	Lot	1.00	34,171.00	34,171.00	Bill attached
3.11	Cement	8/16/2075	Lot	1.00	224,671.12	224,671.12	Bill attached
3.12	Sand	8/18/2075	Lot	1.00	34,171.00	34,171.00	Bill attached
3.13	Sand	8/18/2075	Lot	1.00	34,171.00	34,171.00	Bill attached
3.14	Aggregate	8/21/2075	Lot	1.00	30,800.00	30,800.00	Bill attached
3.15	Aggregate	8/26/2075	Lot	1.00	30,800.00	30,800.00	Bill attached
3.16	Stone	9/7/2075	Trip	15.00	7,500.00	112,500.00	Bill attached
3.17	Stone	8/8/2075	Lot	7.00	7,500.00	52,500.00	Bill attached
3.18	CGI Sheet	8/1/2075	Lot	1.00	14,690.00	14,690.00	Bill attached
3.19	Forms wood	7/18/2075	Lot	1.00	59,325.00	59,325.00	Bill attached
3.20	Aggregate	9/13/2075	Lot	1.00	30,800.00	30,800.00	Bill attached
3.21	Aggregate	9/10/2075	Lot	1.00	30,800.00	30,800.00	Bill attached
3.22	Aggregate	8/18/2075	Lot	1.00	30,800.00	30,800.00	Bill attached
3.23	Aggregate	9/13/2075	Lot	1.00	30,800.00	30,800.00	Bill attached
3.24	Cement	9/3/2075	Lot	1.00	74,231.00	74,231.00	Bill attached
3.25	Sand	9/8/2075	Lot	1.00	34,171.00	34,171.00	Bill attached
3.26	Cement	9/11/2075	Lot	1.00	83,620.00	83,620.00	Bill attached
3.27	Reinforcement	9/15/2075	Lot	1.00	170,650.34	170,650.34	Bill attached
3.28	Sand	9/15/2075	Lot	1.00	34,171.00	34,171.00	Bill attached
3.29	Binding wire	1/21/2076	Lot	1.00	3,200.00	3,200.00	Bill attached
3.30	Brick	1/6/2076	Lot	1.00	64975.00	64,975.00	Bill attached
3.31	Brick	1/9/2076	Lot	1.00	64975.00	64,975.00	Bill attached
3.32	Aggregate	1/5/2076	Lot	1.00	5,000.00	5,000.00	Bill attached
3.33	Aggregate	1/5/2076	Lot	1.00	3,389.00	3,389.00	Bill attached
3.34	Sand	1/4/2076	Lot	1.00	4,670.00	4,670.00	Bill attached
3.35	Sand	1/4/2076	Lot	1.00	1,095.00	1,095.00	Bill attached
3.36	Sand	1/16/2076	Lot	2.00	7,500.00	15,000.00	Bill attached

CONSTRUCTION OF SCHOOL BUILDING

3.37	Sand	1/19/2076	Lot	7.00	13,000.00	91,000.00	Bill attached
3.38	Pipe, Nails and others	1/20/2076	Lot	1.00	3,370.00	3,370.00	Bill attached
3.39	Jalee and Doko	No date	Lot	1.00	820.00	820.00	Bill attached
3.40	Sand	1/13/2076	Lot	2.00	7,000.00	14,000.00	Bill attached
3.41	Sand	1/16/2076	Lot	2.00	7,500.00	15,000.00	Bill attached
3.42	Reinforcement and cement	2/15/2075	Lot	1.00	159,256.55	159,256.55	Bill attached
3.43	Aggregate	12/19/2075	Lot	1.00	4,000.20	4,000.20	Bill attached
3.44	Nails and others	2/7/2076	Lot	1.00	2,070.00	2,070.00	Bill attached
3.45	Reinforcement and cement	2/14/2076	Lot	1.00	154,179.78	154,179.78	Bill attached
3.46	Reinforcement	1/25/2076	Lot	1.00	150,064.97	150,064.97	Bill attached
3.47	Reinforcement and cement	2/2/2076	Lot	1.00	121,137.46	121,137.46	Bill attached
3.48	Aggregate	1/22/2076	Lot	1.00	3,050.00	3,050.00	Bill attached
3.49	DDC Tax	1/22/2076	Lot	1.00	339.00	339.00	Bill attached
3.50	Aggregate	1/27/2076	Lot	1.00	3,050.00	3,050.00	Bill attached
3.51	DDC Tax	1/27/2076	Lot	1.00	339.00	339.00	Bill attached
3.52	Aggregate	2/8/2076	Lot	1.00	3,050.00	3,050.00	Bill attached
3.53	DDC Tax	2/8/2076	Lot	1.00	339.00	339.00	Bill attached
3.54	Sand	2/8/2076	Lot	1.00	12,000.00	12,000.00	Bill attached
3.55	Pipe, Nails and others	1/25/2076	Lot	1.00	3,674.00	3,674.00	Bill attached
3.56	Binding wire	2/16/2076	Lot	1.00	2,115.00	2,115.00	Bill attached
3.57	Aggregate	12/19/2075	Lot	1.00	3,050.00	3,050.00	Bill attached
3.58	DDC Tax	12/19/2075	Lot	1.00	339.00	339.00	Bill attached
3.59	Aggregate	1/27/2076	Lot	1.00	4,000.00	4,000.00	Bill attached
3.60	Aggregate	1/26/2076	Lot	1.00	4,500.00	4,500.00	Bill attached
3.61	Aggregate	1/24/2076	Lot	1.00	3,050.00	3,050.00	Bill attached
3.62	DDC Tax	1/24/2076	Lot	1.00	339.00	339.00	Bill attached
3.63	Sand	11/15/2075	Lot	1.00	4,950.00	4,950.00	Bill attached
3.64	Sand	11/15/2075	Lot	1.00	3,050.00	3,050.00	Bill attached

CONSTRUCTION OF SCHOOL BUILDING

3.65	DDC Tax	11/15/2075	Lot	1.00	339.00	339.00	Bill attached
3.66	Sand	11/13/2075	Lot	1.00	2,880.00	2,880.00	Bill attached
3.67	DDC Tax	11/13/2075	Lot	1.00	339.00	339.00	Bill attached
3.68	Sand	11/13/2075	Lot	1.00	5,000.00	5,000.00	Bill attached
3.69	Aggregate	1/24/2076	Lot	1.00	1,095.00	1,095.00	Bill attached
3.70	Aggregate	11/15/2075	Lot	1.00	5,000.00	5,000.00	Bill attached
3.71	Brick	2/7/2076	Lot	1.00	24,995.60	24,995.60	Bill attached
3.72	DDC Tax	2/7/2076	Lot	1.00	339.00	339.00	Bill attached
3.73	Sand	2/7/2076	Lot	1.00	12,000.00	12,000.00	Bill attached
3.74	Sand	2/7/2076	Lot	1.00	3,050.00	3,050.00	Bill attached
3.75	Sand	11/14/2075	Lot	1.00	3,050.00	3,050.00	Bill attached
3.76	DDC Tax	11/14/2075	Lot	1.00	339.00	339.00	Bill attached
3.77	Aggregate	1/24/2076	Lot	1.00	2,000.00	2,000.00	Bill attached
3.78	DDC Tax	1/24/2076	Lot	1.00	170.00	170.00	Bill attached
3.79	Stone	1/18/2076	Trip	1.00	7,500.00	7,500.00	Bill attached
3.80	Stone	1/2/2076	Trip	4.00	7,500.00	30,000.00	Bill attached
3.81	Stone	1/9/2076	Trip	2.00	7,500.00	15,000.00	Bill attached
3.82	Stone	1/14/2076	Trip	3.00	7,500.00	22,500.00	Bill attached
3.83	Stone	1/18/2076	Trip	3.00	7,500.00	22,500.00	Bill attached
3.84	Sand	1/19/2076	Trip	18.00	3,000.00	54,000.00	Bill attached
	Total					4,377,647.10	-

Above expenses were managed following sources:

- a) 1st lot interim advance from NRNA = NRs. 1,695,000.00
- b) 2nd lot interim advance from NRNA = NRs. 1,520,000.00
- c) Contribution from School = NRs. 800,000.00
- D) Due payment = NRs. 362,647.10

Cost as per Norms and Estimate

S. No.	Description	Required Quantity			Unit	Rate	Amount
		Up to PL	Up to FFL	Total			
A	Material						-
A.1	Cement	744.26	629.54	1,373.80	Bag	1,100.00	1,511,180.00
A.2	Sand	2,726.64	2,021.85	4,748.49	Cft	80.00	379,879.20
A.3	Aggregate	2,764.07	1,989.37	4,753.44	Cft	75.00	356,508.00
A.4	Stone	4,384.09	2,067.05	6,451.14	Cft	55.00	354,812.70
A.5	Reinforcement	3,870.00	5,940.00	9,810.00	Kg	95.00	931,950.00
A.6	Brick	-	36,283.80	36,283.80	Nos	18.00	653,108.40
					Total of A =		4,187,438.30
B	Wages						
B.1	Labour Cost (20% of Material Cost)					20%	837,487.66
B.2	Tools and Plants (3% of Labour Cost)					3%	25,124.63
					Total of B =		862,612.29
					Grand total of A & B =		5,050,050.59

3. PHOTOGRAPHS



BRICKWORK



FORMWORK



REINFORCEMENT WORKS



CONCRETING WORKS IN 1ST FLOOR