GOVERNMENT OF INDIA NORTH EASTERN COUNCIL SECRETARIAT NONGRIM HILLS SHILLONG-793003

Subject: Forwarding of Inspection Report

In inviting a reference to the above subject, as requested by the concerned sector, the physical inspection of the project "Heritage Protection of Hill and Plain District of Manipur" was carried out on 23/03/2021 and 24/03/2021. The inspection report duly signed by Consultant (CE-AK), (CE-RR) and Consultant (ME), NEC is enclosed herewith. The project was sanctioned on 05/06/2015at a total cost of Rs. 314.04265 lakhs. **2(two)** instalments totalling Rs. 250.62 lakhs (72% of total approved cost) was released by NEC under MH-3601.

The inspection, inter alia mentioned that:

- The Project is for construction of (a) Development of Historical monument site at Khangkhui Cave, Ukhrul District (b) Development of Historical monument site of Sekta Archeological living museum Imphal East (c) Development of Historical monument site at old CapitalComplex at langthabal, Imphal West (D) Development of Megalithic Monument Sites at Willong, Senapati District
- (A) Development of Historical monument site at Khangkhui Cave, Ukhrul District
 - a) Construction of retaining wall
 - i. The works for the Construction of retaining wall has been **completed** and till date the progress of works at site was 100%, thus structural details **could not** be checked.
 - b) Construction of steps
 - The works for the Construction of steps has been completed and till date the progress of works at site was 100%, thus the inspection team could not given any comments regarding the structural details including the concrete works, design mix etc.
 - c) Construction of visitor toilet (i/c septic tank)
 - i. The Construction of visitor toilet (i/c septic tank has not yet started.
 - d) Construction of Guest house
 - i. The overall works for the <u>Guest house</u> is in progress and till date the progress of works at site is about 85%, thus structural details such as Reinforcement details, and concrete mix design etc **could not be checked**.
 - ii. For the <u>Guest house</u>, concrete works, RCC works and other roofing and ceiling works has been done at site.
 - iii. **Brickwork** in foundation, plinth, superstructure has been **done** at site, thus the inspection team could not give any comments regarding the class of brick used.
 - iv. The measurements of every **rooms** of the Guest house and the measurements in the building which include the **sizes** of the **rooms**, number and sizes of **columns** (280 x 300)mm², constructed is more or less the **same** as that of the approved drawings in the DPR.
- (B) Development of Historical monument site of Sekta Archeological living museum Imphal East
 - a) The renovation works of the museum has been done at site
 - b) Construction of visitor toilet (i/c septic tank)
- i. The works for the visitors toilet was completed and till date the progress of works at site is 100%.

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ii. The plinth area of the visitors toilet i.e 21 sqm is more or less the same as that of the approved drawings in the DPR.

iii. For the visitor's toilet, concrete works, RCC works in substructure and

superstructure has been completed.

iv. Brickwork in foundation, plinth, and the superstructure has been done at site.

v. Woodwork, steel work, flooring works has been done at site, Cement flooring was found at site instead of ceramic tiles flooring as mentioned in the approved DPR

vi. Sanitary works, electrification works, and other miscellaneous was complete

c) Construction of Compound wall

i. The works for the Construction of Compound wall has been **completed** and till date the progress of works at site was 100%, thus structural details **could not be checked**

d) Construction of steel gate

e) Construction of steel gate was also 100% completed, thus the inspection team could not given any comments regarding the structural details including the concrete works, RCC works, design mix used in construction

f) Construction of compound drain

i. Construction of compound drain was also 100% completed, thus the inspection team could not given any comments regarding the structural details, design mix used in construction

g. Construction of Approach road

i. Construction of Approach road was also 100% completed, thus the inspection team could not given any comments regarding the grading, specifications, binder material etc

• (C) Development of Historical monument site at old Capital Complex at langthabal, Imphal West:

a) Stone Pitching of Rashmandal Pukhry(Pond)

During inspection it was found that the works were almost completed and around 95% of the works have been done. The total length of Stone pitching works constructed at site is 290m and the width is 1.6m. the structural details of Cement Concrete and Reinforce Cement Concrete works for beams, planter and stairs have been completed and thus cannot be checked. Brickwork for planter have been completed. Kota stone slab and Precast Terrazo tiles flooring and painting works is yet to be started

b) Foothpath and Steel railing of Rashmandal

During inspection it was found that the works were completed. The total length of the footpath constructed at site is 302.10m and the width is 1.5m. The structural details of Cement Concrete works for footpath have been completed and thus cannot be checked. Steel works and painting for railing have been completed. Flooring tiles have been constructed instead of Kota stone slab.

A signboard acknowledging NEC funding was found at site, hence the implementing department was asked to erect a signboard mentioning that the project was funded by NEC.

• (D)Development of Megalithic Monument Sites at Willong, Senapati District:

a. Construction of Retaining Wall

During inspection it was found that the works were in progress and around 74% of the works have been done. The total length of Retaining wall constructed at site is 112.40m, the width is 1m which is not uniform and the height is 1.2m which is not uniform throughout the length. The structural details of Cement Concrete works for a length of 112.40m for Retaining wall have been completed and thus cannot be checked. RR Masonry works of length 112.40m have been completed. RCC works for band and plastering works is yet to be started.

b. Construction of fencing with Gate

During inspection it was found that the works were in progress and around 86% of the works have been done. The total length of Fencing constructed at site is 91.20m and the height of the wall is 1.6m which is less the height of the DPR. The structural details of Cement Concrete works and RCC works in foundation, trenches, column and beam have been completed for a length of 91.20m and thus cannot be checked. Plastering, pointing, painting and steel works for gate is yet to be started

- **c.** Construction of visitor Toilet Construction of visitor Toilet is yet to be started
- It could be seen that the physical progress and financial progress appears to be commensurate
- A signboard acknowledging NEC funding was **not found** at site.

This is for information and necessary action by the concerned Sector.

Enclosure: As above

(M.Iboyaima Meitei) Adviser (Horticulture) &L/o Director, (E&M)

U.O.No. NEC/EM/INSPECTION/IPR/2013/01 Dated: ...!....../2021

To.

Director(IPR), NEC

Copy to:

1. P.S to Planning Adviser, NEC for kind information of Planning Adviser, NEC

2. T.D, NIC-NEC (Shri M. Nongkhlaw) for uploading the report in the NEC website

GOVERNMENT OF INDIA NORTH EASTERN COUNCIL SECRETARIAT **NONGRIM HILLS SHILLONG-793003**

Subject: Submission of Inspection Report of NEC funded project titled "Heritage Protection of Hill and Plain District of Manipur" under MH-3601.

We, Aarti Khyriemmujat, Consultant (CE), Liza R Hek, Consultant (ME) and Rishanlang Ryndong Consultant (CE) have carried out the physical inspection of the project "Heritage Protection of Hill and Plain District of Manipur" on 23&24 /03/2021. The project was sanctioned on 05/06/2015 at a total cost of Rs. 348.93 lakhs. 2 (two) instalments totalling Rs. 250.62 lakhs (72% of total approved cost) was released by NEC under MH-3601.

Objective of the Project:-

- To Promote the Preservation and dissemination of tribal art and culture
- It will help in promoting tourism
- It will generate employment especially to the youth.
- The coming of tourists will promote sale of arts and handicrafts, and other local products.
- It will promote hospitality industries and auxiliary services.

Indication of Works as per DPR:-

- Development of Historical monument site at Khangkhui Cave, ukhrul District
 - Construction of Retaining Wall
 - Construction of Guest House
 - Construction of step
 - Construction of Visitor Toilet(i/c/S/Tank)
- Development of Historical monument site of Sekta Archeological living museum Imphal East
 - Renovation of Museum
 - Construction of Visitor Toilet
 - Compound Wall Fencing
 - Construction of Steel gate
 - Construction of Compound Drain
 - Construction of approach Road
- Development of Historical monument site at old CapitalComplex at langthabal, Imphal West
 - Stone Pitching of Rashmandal Pukhry(Pond)
 - Foothpath and Steel railing of Rashmandal
- Development of Megalithic Monument Sites at Willong, Senapati District
 - Construction of Retaining Wall
 - Construction of fencing with Gate
 - Construction of visitor Toilet

Proposed Beneficiaries & Outcome of the Project:-

Beneficiaries:

The proposed projects will be beneficial people of the Region in and around Manipur.

Outcomes:

Once the project is completed, it will attract tourist which can naturally generate income in future

Observation mentioned in the inspection report:-

During inspection it could be seen that:

The Project is for

(A) Development of Historical/monument site at Khangkhui Cave, ukhrul District

(B) Development of Historical/monument site of Sekta Archaeological living museum, Imphal east District,

onsultant (ME) Eas.am Council Secretariat

(C) Development of Historical monument site at old CapitalComplex at langthabal, Imphal West

(D)Development of Megalithic Monument Sites at Willong, Senapati District

• (A) Development of Historical/monument site at Khangkhui Cave, ukhrul District

- Construction of retaining wall

i. The works for the Construction of retaining wall has been **completed** and till date the progress of works at site was 100%, thus structural details **could not be checked**.

Construction of steps

i. The works for the Construction of steps has been **completed** and till date the progress of works at site was 100%, thus the inspection team could not given any comments regarding the structural details including the concrete works, design mix etc.

- Construction of visitor toilet (i/c septic tank)

i. The Construction of visitor toilet (i/c septic tank has not yet started.

- Construction of Guest house

i. The overall works for the <u>Guest house</u> is in progress and till date the progress of works at site is about 85%, thus structural details such as Reinforcement details, and concrete mix design etc **could not be checked**.

ii. For the <u>Guest house</u>, concrete works, RCC works and other roofing and ceiling works has been done at site.

iii. Brickwork in foundation, plinth, superstructure has been done at site, thus the inspection team could not give any comments regarding the class of brick used.

- iv. The measurements of every **rooms** of the Guest house and the measurements in the building which include the **sizes** of the **rooms**, number and sizes of **columns** (280 x 300)mm², constructed is more or less the **same** as that of the approved drawings in the DPR.
- v. Remaining plastering works, finishing works, sanitary works, electrification works, and other miscellaneous, the implementing agency verbally informed that the remaining works will be started as soon as the building is completed.

• (B) <u>Development of Historical/monument site of Sekta Archaeological living museum, Imphal east District</u>

- The renovation works of the museum has been done at site

- Construction of visitor toilet (i/c septic tank)

- The works for the visitors toilet was completed and till date the progress of works at site is 100%.
- ii. The plinth area of the visitors toilet i.e 21 sqm is more or less the same as that of the approved drawings in the DPR.
- iii. For the visitors toilet, concrete works, RCC works in substructure and superstructure has been completed.
- iv. Brickwork in foundation, plinth, and the superstructure has been done at site.
- v. Woodwork, steel work, flooring works has been done at site, Cement flooring was found at site instead of ceramic tiles flooring as mentioned in the approved DPR
- vi. Sanitary works, electrification works, and other miscellaneous was complete.

Construction of Compound wall

The works for the Construction of Compound wall has been completed and till
date the progress of works at site was 100%, thus structural details could not be
checked.

- Construction of steel gate

i. Construction of steel gate was also 100% completed, thus the inspection team could not given any comments regarding the structural details including the concrete works, RCC works, design mix used in construction.

- Construction of compound drain

i. Construction of compound drain was also 100% completed, thus the inspection team could not given any comments regarding the structural details, design mix used in construction.

Liza R. Hek

Consultant (1. T)

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Richards Rydon Consultant (CK) Acesti Khyriemmyat Consultant (CE) NEC, Secretariat Construction of Approach road

i. Construction of Approach road was also 100% completed, thus the inspection team could not given any comments regarding the grading, specifications, binder material etc.

• (C) Development of Historical monument site at old Capital Complex at langthabal, Imphal West:

a. Stone Pitching of Rashmandal Pukhry(Pond)

During inspection it was found that the works were almost completed and around 95% of the works have been done. The total length of Stone pitching works constructed at site is 290m and the width is 1.6m. the structural details of Cement Concrete and Reinforce Cement Concrete works for beams, planter and stairs have been completed and thus cannot be checked. Brickwork for planter have been completed. Kota stone slab and Precast Terrazo tiles flooring and painting works is yet to be started.

b. Foothpath and Steel railing of Rashmandal

During inspection it was found that the works were completed. The total length of the footpath constructed at site is 302.10m and the width is 1.5m. The structural details of Cement Concrete works for footpath have been completed and thus cannot be checked. Steel works and painting for railing have been completed. Flooring tiles have been constructed instead of Kota stone slab.

A signboard acknowledging NEC funding was found at site, hence the implementing department was asked to erect a signboard mentioning that the project was funded by NEC.

• (D)Development of Megalithic Monument Sites at Willong, Senapati District:

a. Construction of Retaining Wall

During inspection it was found that the works were in progress and around 74% of the works have been done. The total length of Retaining wall constructed at site is 112.40m, the width is 1m which is not uniform and the height is 1.2m which is not uniform throughout the length. The structural details of Cement Concrete works for a length of 112.40m for Retaining wall have been completed and thus cannot be checked. RR Masonry works of length 112.40m have been completed. RCC works for band and plastering works is yet to be started.

b. Construction of fencing with Gate

During inspection it was found that the works were in progress and around 86% of the works have been done. The total length of Fencing constructed at site is 91.20m and the height of the wall is 1.6m which is less the height of the DPR. The structural details of Cement Concrete works and RCC works in foundation, trenches, column and beam have been completed for a length of 91.20m and thus cannot be checked. Plastering, pointing, painting and steel works for gate is yet to be started.

c. Construction of visitor Toilet

Construction of visitor Toilet is yet to be started.

- It could be seen that the physical progress and financial progress appears to be commensurate
- A signboard acknowledging NEC funding was not found at site.

Liza R. Hek

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Report of the inspection carried on 23 &24 /03/2021 NEC funded project "Heritage Protection of Hill and Plain District of Manipur".

A joint inspection of the above project was carried out by the officials of NEC Secretariat, Shillong and officials of Arts and Culture, Govt of Manipur. The list of the officials present during the inspection is enclosed as <u>Annexure-II</u>. & The Photographs taken during inspection is enclosed in <u>Annexure-II</u>

(I) BACKGROUND:

Name of the project:	"Heritage Protection of Hill and Plain District of Manipur"			
Location:	Ukhrul, Imphal east, Imphal west and Senapati, Manipur.			
Implementing Agency:	Arts & Culture Govt of Manipur			
Date of Sanction:	05/06/2015			
Cost of Project:	Rs. 348.93628 lakhs under MH-3601			
NEC Share(90%):	Rs. 314.04265 lakhs			
State Share(10%)	Rs. 34.89363 lakhs			
NEC Share released & Dates:	1 st installment of Rs. 125.61 lakhs on 05/06/2015 2 nd installment of Rs.125.00 lakhs on 30/03/2018			
Total Amount Released by NEC:	Rs. 250.62 lakhs (72% of total approved cost)			
Balance amount to be released by NEC:	Rs. 63.42 lakhs			
State Share released:				
Balance amount to be released by State Govt:				
Status of UC for NEC share:	UC for 1 st installment of Rs 1,25.62 submitted on 28/06/2017 UC for 2 nd installment of Rs. 125.00 lakhs submitted on 21/10/2020			
Target Date of Completion:	2Years			
Time overrun:	3Years 10 Months			

(II)Aim of the Project:-

- To Promote the Preservation and dissemination of tribal art and culture
- It will help in promoting tourism
- It will generate employment especially to the youth.
- The coming of tourists will promote sale of arts and handicrafts, and other local products.
- It will promote hospitality industries and auxiliary services.

Liza R. Hek

Council Secretariat

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Consultant CCES
NEC, Secretariat

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(III) Observations/ Status of works (Physical Achievement	(III)	Observations	Status of	works (Physical	Achievements
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SI No	Description Of Items	Approved Amount (Rs.)	Achievement found as on date of inspection	Item of work left completion	for Any Deviation with reason
(A)	Development of Historical monument site at Khangkhui Cave, Ukhrul District				
Cons	struction of Retaining Wall				
1	Earthworks	22452.90	• During inspection it could be seen that the construction of retaining wall has been done at site it can be assume that works related to earthwork excavation and filling has been done.	• NIL	 As the earthwork excavation and filling have been completed the consultant could not give any comments.
2	Concrete works	441761.23	• Concrete works in foundation and plinth has been done at site.	• NIL	 As the Concrete works has been completed the consultant could not give any comments regarding the design mix.
3	Polygonal rubble masonry	1162480.80	Works related to Polygonal rubble masonry has been done at site.	• NIL	• NIL.
4	Providing weep holes	112230.00	Works related to Providing weep holes has been done at site.	• NIL	• NIL
5	Boulder filling	122812.20	Boulder filling works has been done.	• NIL	 As the Boulder filling works was completed the consultant could not give any comments.
Cons	struction of step				
1	Earthworks	5424.23	During inspection it could be seen that the construction of steps was completed it can be assume that works related to earthwork excavation and filling has been done.	•NIL	 As the earthwork excavation and filling have been completed the consultant could not give any comments.
2	Concrete works	42728.70	• Concrete works in foundation and plinth has been done at site.	• NIL	As the Concrete works has been completed the consultant could not give any comments regarding the design mix.

Liza R. Hek
Consultant (ME)

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Arholog Ryndon, Consultant (CE)

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Consultant (CE)

NEC, Secretariat

Sl No	Description Of Items	Approved Amount	Achievement found as on date of inspection	Item of work left for completion	Any Deviation with reason
3	Form work	31157.29	• During inspection it could be seen that the construction of steps was completed it can be assume that formwork has been done	• NIL	As the form work was completed the consultant could not give any comments.
Cons	struction of Visitors Guest House				
1	Earthworks	36323.83	During inspection it could be seen that the construction of Visitors Guest House almost completed, it can be assume that works related to earthwork excavation and filling has been done.	• NIL	 As the earthwork excavation and filling have been completed the consultant could not give any comments.
2	Plain cement Concrete works	286675.43	Plain Concrete works in foundation and plinth has been done at site.	• NIL	• As the work has been completed the consultant could not give any comments regarding the design mix
3	Reinforcement for RCC Works.	566244.00	Works related to RCC has been done at site, thus it can be assume that reinforcement works was also done.	• NIL	• As the RCC work is completed the consultant could not give any comments regarding the reinforcement used.
4	Form work	126152.27	• The frame structure of the building was completed hence we can assume that formwork on foundations, footings, bases of columns, flat surfaces, pillars, beams, post and struts, slabs, etc has been done.	• NIL	As the form work was completed the consultant could not give any comments.
5	Reinforced cement concrete (RCC) work	550699.41	• The structure of the building is complete hence we can assume that RCC on foundations, footings, bases of columns, pillars, piers, abutments beams, post and struts, slabs, floors, etc has been done.	• NIL	• As the Reinforced cement concrete (RCC) work was completed the consultant could not give any comments regarding the design mix.
6	Brick work	531280.91	Brickwork in foundation, plinth, superstructure, etc has been done	• NIL	• The consultant could not give any comments regarding the class of brick

Liza R. Hek

Sultant (ME)

Council Secretariat

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Aarte Khyniemmigat Page 3 of 16

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Sl No	Description Of Items	Approved Amount	Achievement found as on date of inspection	Item of work left for completion	Any Deviation with reason
			at site		and mortar mix used as the work has already been done.
7	Wood work	389358.48	Wood work in frames of doors, windows, frame of false ceiling partition has been done at site.	• Fixing thick paneled and glazed shutter for doors, windows i/c bright finished brass hinges with necessary screws	
8	Steel work in build up tubular trusses etc	542389.40	• Steel works in build up tubular trusses has been done at site.	• NIL	• The consultant could not give any comments regarding the steel used as the work has already been done.
9	Plinth protection works	29321.73	Plinth protection works has been done at site	• NIL	• NIL
10	Flooring	352863.78	Flooring works has been done at site	• NIL	• NIL
11	Finishing	107826.48	Finishing works is seen to be in progress.	 Plastering works, painting works on wood and sttel surfaces is yet to be done. 	• NA
12	Roofing & Ceiling	248805.79	Roofing & ceiling works has been done at site	• NIL	• NIL
13	Miscellaneous	120510.87	Not yet started	Other miscellaneous works like aluminium work, G.I sheet gutters is yet to be done.	• NA
	truction of Visitor Toilet(i/c	1032625.00	Not yet started	Visitor Toilet	• NA
S/Tar					
1	Development of Historical monument site of Sekta Archeological living museum Imphal East				
Reno	vation of Museum				
1	Earthworks	2910.03	• During inspection it could be seen	• NIL	• As the earthwork excavation and filling

Liza R. Hek
Consultant (ME)
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Risharden Agridan Consultant (CE)

April Khypie mnigat Page 4 of 16

Consultant (CE)

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Sl No	Description Of Items	Approved Amount	Achievement found as on date of inspection	Item of work left for completion	Any Deviation with reason
			that the renovation works has been completed, it can be assume that works related to earthwork excavation and filling has been done.		have been completed the consultant could not give any comments.
2	Concrete works	178911.65	• Concrete works in foundation and plinth has been done at site.	• NIL	• As the work has been completed the consultant could not give any comments regarding the design mix.
3	Reinforced cement concrete (RCC) work	132954.10	Works related to RCC has been done at site.	• NIL	• As the Reinforced cement concrete (RCC) work was completed the consultant could not give any comments regarding the design mix.
4	Form work	14809.39	• The frame structure of the building is complete hence we can assume that formwork on foundations, footings, bases of columns, flat surfaces, pillars, beams, post and struts, slabs, etc has been done.	• NIL	• As the form work was completed the consultant could not give any comments.
5	Wood work	209183.92	Wood work has been done at site.	• NIL	• As the Wood work was completed the consultant could not give any comments.
6	Steel works	33487.33	• Steel works has been done at site.	• NIL	• As the Steel works was completed the consultant could not give any comments.
7	Kota stone slab flooring	360063.00	• Flooring works has been done at site	• NIL	• As the Flooring works was completed the consultant could not give any comments
8	Roofing works	526135.61	Roofing works has been done at site	• NIL	As the Roofing works was completed the consultant could not give any comments
9	Finishing	52048.21	Finishing works including distempering and painting works has been done at site.	• NIL.	• NIL
10	Miscellaneous (including demolition and dismantling)	47508.85	Demolition and dismantling work has been done as informed by the implementing department on verbal discussion.	• NIL	• NIL

Liza R. Hek
Consultant (ME)

Sastern Council Secretariat

Page **5** of **16**

Sl No	Description Of Items	Approved Amount	Achievement found as on date of inspection	Item of work left for completion	Any Deviation with reason
Cons	truction of Visitor Toilet				
1	Earthworks	5424.23	During inspection it could be seen that the construction of the toilet was completed, it can be assume that works related to earthwork excavation and filling has been done.	• NIL	As the earthwork excavation and filling have been completed the consultant could not give any comments.
2	Concrete works	42728.70	• Concrete works in foundation and plinth has been done at site.	• NIL	• As the Concrete works has been completed the consultant could not give any comments regarding the design mix materials.
3	Reinforcement for RCC Works.	123921.00	 Works related to RCC has been done at site, thus it can be assume that reinforcement works was also done. 	• NIL	 As the RCC work is completed the consultant could not give any comments regarding the reinforcement used.
4	Form work	31157.29	• The frame structure of the building is complete hence we can assume that formwork on foundations, footings, bases of columns, flat surfaces, pillars, beams, post and struts, slabs, etc has been done.	• NIL	As the form work was completed the consultant could not give any comments.
5	Reinforced cement concrete (RCC) work	99626.87	• The structure of the building is complete hence we can assume that Reinforced cement concrete (RCC) work has been done.	• NIL	• As the Reinforced cement concrete (RCC) work was completed the consultant could not give any comments regarding the design mix.
6	Brick work	203887.06	Brickwork in foundation, plinth, superstructure, etc has been done at site	• NIL	• The consultant could not give any comments regarding the class of brick and mortar mix used as the work has already been done.
7	Wood work	124083.9	Wood work has been done at site.	• NIL	• As the woodwork has been completed, the consultants could not give any comments regarding the type of wood used.

Liza R. Hek
Consultant (ME)
North Eastern Council Secretariat

Risharday Randong Consultant (CE) Anti Khyrie mmyat Consultant CCE) NEC, Suretanial

Sl No	Description Of Items	Approved Amount	Achievement found as on date of inspection	Item of work left for completion	Any Deviation with reason
8	M.S grill to wooden frames of windows etc.	4409.45	M.S grill to wooden frames of windows was found at site.		• NIL
10	Plinth protection works	8132.49	Plinth protection works has been done at site	• NIL	• NIL
11	Flooring	37123.49	Flooring works has been done at site	• NIL	• Cement flooring was found at site instead of ceramic tiles flooring as mentioned in the approved DPR
12	Finishing	3019560.05	 Finishing works including distempering and painting works has been done at site. 	• NIL	• NIL
13	Roofing & Ceiling	46087.45	Roofing & ceiling works has been done at site	• NIL	• The consultants could not give any comments regarding the roofing & ceiling works.
12	Miscellaneous	47474.00	Not yet started.	Other miscellaneous works like aluminium work, G.I sheet gutters.	• NA
Cons	ng Compound wall				
1	Earthworks	1078.95	During inspection it could be seen that the construction of compound wall has been done at site, it can be assume that works related to earthwork excavation and filling has been done.	• NIL	 As the earthwork excavation and filling have been completed the consultant could not give any comments.
2	Plain cement Concrete works	6701.85	Plain cement concrete works in foundation and plinth has been done at site.	• NIL	• As the plain cement Concrete works has been completed the consultant could not give any comments regarding the design mix.
3	Reinforced cement concrete (RCC) work	42780.47	• Works related to RCC has been done at site.	• NIL	• As the RCC work is completed the consultant could not give any comments.
4	Reinforcement for RCC Works.	41454.00	• Works related to RCC has been done at site, thus it can be assume that reinforcement works was also done.	• NIL	• As the RCC work is completed the consultant could not give any comments regarding the reinforcement used.

Liza R. Hek
Consultant (ME)
Listern Council Secretariat

Arsharlang Chyrdon Consultant (CE) A arti Khynie moriyat
Consultant (CCE)

Sl No	Description Of Items	Approved Amount	Achievement found as on date of inspection	Item of work left for completion	Any Deviation with reason
5	Form work	12084.30	The construction of compound wall has been done at site, thus it can be assume that form work works was also done.	• NIL	• As the form work was completed the consultant could not give any comments.
6	Brick work	20171.44	Brickwork in foundation, plinth, superstructure, etc has been done at site	• NIL	• The consultant could not give any comments regarding the class of brick and mortar mix used as the work has already been done.
7	Steel work	14313.52	• Steel work has been done at site.	• NIL	• NIL
8	Finishing	1213.43	• Finishing works including applying of priming coat, painting works has been done at site.		• NIL
Cons	struction of steel gate				
1	Earthworks	818.60	• During inspection it could be seen that the construction of steel gate has been completed, it can be assume that works related to earthwork excavation and filling has been done.	• NIL	 As the earthwork excavation and filling have been completed the consultant could not give any comments.
2	Plain cement Concrete works	3736.86	Plain cement concrete works in foundation and plinth has been done at site.	• NIL	• As the plain cement Concrete works has been completed the consultant could not give any comments regarding the design mix.
3	Reinforced cement concrete (RCC) work	30281.97	Works related to RCC has been done at site.	• NIL	• As the RCC work is completed the consultant could not give any comments regarding the design mix.
4	Reinforcement for RCC Works.	42067.55	• Works related to RCC has been done at site, thus it can be assume that reinforcement works was also done.		• As the RCC work is completed the consultant could not give any comments regarding the reinforcement used.
5	Form work	8186.19	The construction of steel gate has been done at site, thus it can be	• NIL	• As the form work was completed the consultant could not give any comments.

Liza R. Hek
Consultant (ME)
North Eastern Council Secretariat

Lishonday Ryndons Consultant (CE)

Cansullant CCE)

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SI No	Description Of Items	Approved Amount	Achievement found as on date of inspection	Item of work left for completion	Any Deviation with reason
			assume that form work works was also done.		
6	Steel work	38826.24	• Steel work has been done at site.	• NIL	• NIL
7	Finishing/Painting works	989.89	• Finishing works including applying of priming coat, painting works has been done at site.	• NIL.	• NIL
Cons	struction of Compound drain				
1	Earthworks	951.78	• During inspection it could be seen that the construction of compound drain was completed, it can be assume that works related to earthwork excavation and filling has been done.	• NIL	 As the earthwork excavation and filling have been completed the consultant could not give any comments.
2	Cement Concrete works	13867.72	 Cement concrete works in foundation and plinth has been done at site. 	• NIL	 As the cement Concrete works has been completed the consultant could not give any comments regarding the design mix.
4	Brick work	18904.00	Brickwork in foundation, plinth, superstructure, etc has been done at site	• NIL	• The consultant could not give any comments regarding the class of brick and mortar mix used as the work has already been done.
5	Finishing works	5284.00	• Finishing works including plastering works has been done at site.	• NIL.	• NIL
Cons	struction of Approach road				
1	Providing, laying and compacting granular base/sub base	46469.96	During inspection it could be seen that the construction of approach road has been completed, it can be assume that works related to providing, laying and compacting granular base/sub base has been done.		• The consultant could not give any comments regarding the grading and specifications as work was completed.

Liza R. Hek

sultant (ME)

North Eastern Council Secretariat

Richard Populary Consultant (CK) A mijal 20/4/21
Aarti Khyriemmiyat
Cansultant CCED
Cansultant CCED

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SI No	Description Of Items	Approved Amount	Achievement found as on date of inspection	Item of work left for completion	Any Deviation with reason
2	Providing and laying one layer WBM.	147604.64	• Works relating to providing and laying of WBM has been done at site.	• NIL	• The consultant could not give any comments regarding the binder material used as work was completed.
3	Single coat premix carpet surface	170575.06	During inspection it could be seen that the construction of approach road has been completed, it can be assume that works related to Works relating to providing and laying of Single coat premix carpet surface been done at site.	• NIL	The consultant could not give any comments as the work was completed.
4	Surface dressing	116273.72	During inspection it could be seen that the construction of approach road has been completed, it can be assume that works related to works relating to Surface dressing been done at site.	• NIL	• The consultant could not give any comments as the work was completed.
	Development of Historical monument site at old CapitalComplex at langthabal, Imphal West				
Stone Pukh	e Pitching of Rashmandal ry(Pond)				
1	Earthwork and Banking of excavated earth	90543.75	During inspection it could be seen that the stone pitching works have been completed, it can be assume that works related to earthwork excavation and banking works have been done.	Nil	Nil
2	Cement Concrete Works	1527688.85		Nil	Nil

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SI No	Description Of Items	Approved Amount	Achievement found as on date of inspection	Item of work left for completion	Any Deviation with reason
			been completed the consultant could not give any comments regarding the design mix.		
3	Reinforced Cement Concrete Works	679056.20	Reinforced cement concrete (RCC) work for beams and stairs have been completed so the consultant could not give any comments regarding the design mix.	Nil	Nil
4	Steel Reinforcement	609462.00	Since casting of beam and stairs have been completed so the consultant cannot give any comments regarding no. and size of steel reinforcement provided.	Nil	Nil
5	Formwork	151433.75	Since castings of beam and stairs have been completed thus we can say that formwork has been completed.	Nil	Nil
6	Brickwork	624927.24	Brickwork in planter have been completed.	Nil	Nil
7	RR Masonry work	1037218.28	RR masonry works in foundation have been completed.	Nil	Nil
8	Boulder pitching work	193381.02	Boulder pitching works have been completed.	Nil	Nil
9	Flooring	1147116.66	Not yet started.	Nil	Nil
10	Plastering	46567.08	Works related to plastering work have been completed.	Nil	Nil
11	Finishing/Painting	47980.80	Not yet started	Nil	Nil
12	Sampling of Phuja compacted	18000.00	Works related to Sampling of Phuja compacted have been completed.	Nil	Nil
13	Sampling of Carpet grass	21780.00	Works related to Sampling of Carpet grass have been completed.	Nil	Nil
Footh Rashr	npath and Steel railing of mandal				4 · · · · · ·

Liza R. Hek

Onsultant (ME)

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SI No	Description Of Items	Approved Amount	Achievement found as on date of inspection	Item of work left for completion	Any Deviation with reason
1	Earthwork	12245.69	During inspection it could be seen that the footpath works have been completed, thus we can say that works related to earthwork have been done.	Nil	Nil
2	Cement Concrete Works	1013501.88	Cement Concrete Works for Footpath have been completed. As the Concrete works have been completed the consultant could not give any comments regarding the design mix.	Nil	Nil
3	Filling Works	3287.50	Works related to filling works have been completed.	Nil	Nil
4	Flooring	1000057.56	Works related to flooring have been completed.	Nil	Flooring tiles have been provided instead of Kota stone slab.
5	Steel Works	89668.00	Works related to steel work have been completed.	Nil	Nil
6	Finishing works	10390.00	Works related to painting have been completed.	Nil	Nil
(D)	Development of Megalithic Monument Sites at Willong, Senapati District				
Cons	truction of Retaining Wall	1885113.00			
1	Earthwork and filling work	18957.47	Earthwork and filling works of 112.40m have been completed.	Earthwork and filling works of 40m is yet to be done.	Nil
2	Cement Concrete works	186482.74	Cement Concrete works of 112.40m have been completed. As the Concrete works have been completed the consultant could not give any comments regarding the design mix.		Nil
3	RR Masonry works	425889.74	RR masonry works of 112.40m have been completed.	RR masonry works works of 40m is yet to be done.	Nil

Liza R. Hek 3/4/2021

Insultant (ME)

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Sl No	Description Of Items	Approved Amount	Achievement found as on date of inspection	completion	Any Deviation with reason
4	Providing Weep Holes	135328.50	Works related to_Providing Weep Holes of 112.40m have been completed.	Works related to Providing Weep Holes of 40m is yet to be done.	Nil
5	Boulder Filling Works	44069.51	Boulder Filling Works of 112.40m have been completed.	Boulder Filling Works of 40m is yet to be done.	
5	Reinforced Cement Concrete Works	526268.98	Not yet started	Nil	Nil
7	Steel Reinforcement	140679.40	Not yet started	Nil	Nil
8	Formwork	69293.23	Not yet started	Nil	Nil
9	Plastering	60665.60	Not yet started	Nil	Nil
Cons	struction of fencing with Gate				
1	Earthwork and filling work	10528.63	Earthwork and filling work for foundation have been completed.	Earthwork and filling work for gate portion is yet to be started.	Nil
2	Cement Concrete works	69478.92	Cement Concrete works for foundation and trenches have been completed. As the Concrete works have been completed the consultant could not give any comments regarding the design mix.	Cement Concrete works for gate portion is yet to be started.	Nil
3	Dressing of sand stone	819.58	Dressings of sand stone have been completed.		Nil
4	Reinforced Cement Concrete Works	617523.53	Reinforced Cement Concrete Works for foundation, column, beam have been completed so the consultant could not give any comments regarding the design mix.		Nil
5	Steel Reinforcement	177721.10	Since casting of foundation, column, beam have been completed so the consultant cannot give any comments regarding no. and size of steel reinforcement provided.	started.	

Liza R. Hek

Consultant (ME)

Pastern Council Secretariat

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consultant CCE)
NEC, Secretarial

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SI No	Description Of Items	Approved Amount	Achievement found as on date of inspection	Item of work left for completion	Any Deviation with reason
6	Formwork	224730.70	Since casting for foundation, column, beam have been completed we can say that formwork have been completed.	Formwork for Gate portion is yet to be started.	Nil
7	Plastering	128268.60	Not yet started	Nil	Nil
8	Painting works	43896.34	Not yet started	Nil	Nil
9	Pointing works	337051.62	Not yet started	Nil	Nil
10	Steel works	64202.29	Not yet started	Nil	Nil
Cons	struction of visitor Toilet	1032625.00	Not Yet Started	Nil	Nil

(IV) Location Of The Project:

Development of Historical monument site at Khangkhui Cave, Ukhrul District :-Latitude: 25°3.177' N

Longitude: 94°24.437'E

Development of Historical monument site of Sekta Archeological living museum Imphal East:-Latitude: 24°53.734' N

Longitude: 94°2.273'E

Development of Historical monument site at old Capital Complex at langthabal, Imphal West:- Latitude: - N24.74887⁰

Longitude: - E093.92581 ⁰

Development of Megalithic Monument Sites at Willong, Senapati District:- Latitude: - N25.47028⁰

Longitude: - E093.97332 0

(V) Overall Remarks and Suggestions:-

During inspection the following observations were made:

The Project is for

(A) Development of Historical/monument site at Khangkhui Cave, ukhrul District

(B) Development of Historical/monument site of Sekta Archaeological living museum, Imphal east District,

(C) Development of Historical monument site at old CapitalComplex at langthabal, Imphal West

(D)Development of Megalithic Monument Sites at Willong, Senapati District

asultant (ME)

h Eastern Council Secretariat

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• (A) Development of Historical/monument site at Khangkhui Cave, ukhrul District

- Construction of retaining wall

i. The works for the Construction of retaining wall has been **completed** and till date the progress of works at site was **100%**, thus structural details **could not be checked**.

- Construction of steps

i. The works for the Construction of steps has been **completed** and till date the progress of works at site was 100%, thus the inspection team could not given any comments regarding the structural details including the concrete works, design mix etc.

- Construction of visitor toilet (i/c septic tank)

i. The Construction of visitor toilet (i/c septic tank has not yet started.

- Construction of Guest house

i. The overall works for the <u>Guest house</u> is in progress and till date the progress of works at site is about 85%, thus structural details such as Reinforcement details, and concrete mix design etc **could not be checked**.

ii. For the Guest house, concrete works, RCC works and other roofing and ceiling works has been done at site.

- iii. Brickwork in foundation, plinth, superstructure has been done at site, thus the inspection team could not give any comments regarding the class of brick used.
- iv. The measurements of every **rooms** of the Guest house and the measurements in the building which include the **sizes** of the **rooms**, number and sizes of **columns** (280 x 300)mm², constructed is more or less the **same** as that of the approved drawings in the DPR.
- v. Remaining plastering works, finishing works, sanitary works, electrification works, and other miscellaneous, the implementing agency verbally informed that the remaining works will be started as soon as the building is completed.

• (B) Development of Historical/monument site of Sekta Archaeological living museum, Imphal east District

- The renovation works of the museum has been done at site

- Construction of visitor toilet (i/c septic tank)

- i. The works for the visitors toilet was completed and till date the progress of works at site is 100%.
- ii. The plinth area of the visitors toilet i.e 21 sqm is more or less the same as that of the approved drawings in the DPR.
- iii. For the visitors toilet, concrete works, RCC works in substructure and superstructure has been completed.

iv. Brickwork in foundation, plinth, and the superstructure has been done at site.

v. Woodwork, steel work, flooring works has been done at site, Cement flooring was found at site instead of ceramic tiles flooring as mentioned in the approved DPR

vi. Sanitary works, electrification works, and other miscellaneous was complete.

- Construction of Compound wall

i. The works for the Construction of Compound wall has been **completed** and till date the progress of works at site was **100%**, thus structural details **could not be checked**.

Construction of steel gate

i. Construction of steel gate was also 100% completed, thus the inspection team could not given any comments regarding the structural details including the concrete works, RCC works, design mix used in construction.

Liza R Mek 301 (Sultant (ME)

h Eastern Council Secretariat

Archardan Rydon, Consultant (CE) A mujat 20/4/21 Aarti Khyriemmujat Consultant CCED NEC Secretariat

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Construction of compound drain

i. Construction of compound drain was also 100% completed, thus the inspection team could not given any comments regarding the structural details, design mix used in construction.

Construction of Approach road

Construction of Approach road was also 100% completed, thus the inspection team could not given any comments regarding the grading, specifications, binder material etc.

(C) Development of Historical monument site at old Capital Complex at langthabal, Imphal West:

Stone Pitching of Rashmandal Pukhry(Pond)

During inspection it was found that the works were almost completed and around 95% of the works have been done. The total length of Stone pitching works constructed at site is 290m and the width is 1.6m. the structural details of Cement Concrete and Reinforce Cement Concrete works for beams, planter and stairs have been completed and thus cannot be checked. Brickwork for planter have been completed. Kota stone slab and Precast Terrazo tiles flooring and painting works is yet to be started.

b. Foothpath and Steel railing of Rashmandal

During inspection it was found that the works were completed. The total length of the footpath constructed at site is 302.10m and the width is 1.5m. The structural details of Cement Concrete works for footpath have been completed and thus cannot be checked. Steel works and painting for railing have been completed. Flooring tiles have been constructed instead of Kota stone slab.

A signboard acknowledging NEC funding was found at site, hence the implementing department was asked to erect a signboard mentioning that the project was funded by NEC.

(D) Development of Megalithic Monument Sites at Willong, Senapati District:

a. Construction of Retaining Wall

During inspection it was found that the works were in progress and around 74% of the works have been done. The total length of Retaining wall constructed at site is 112.40m, the width is 1m which is not uniform and the height is 1.2m which is not uniform throughout the length. The structural details of Cement Concrete works for a length of 112.40m for Retaining wall have been completed and thus cannot be checked. RR Masonry works of length 112.40m have been completed. RCC works for band and plastering works is yet to be started.

b. Construction of fencing with Gate

During inspection it was found that the works were in progress and around 86% of the works have been done. The total length of Fencing constructed at site is 91.20m and the height of the wall is 1.6m which is less the height of the DPR. The structural details of Cement Concrete works and RCC works in foundation, trenches, column and beam have been completed for a length of 91.20m and thus cannot be checked. Plastering, pointing, painting and steel works for gate is yet to be started.

c. Construction of visitor Toilet

Construction of visitor Toilet is yet to be started.

It could be seen that the physical progress and financial progress appears to be commensurate

A signboard acknowledging NEC funding was not found at site.

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Consultant (CA)

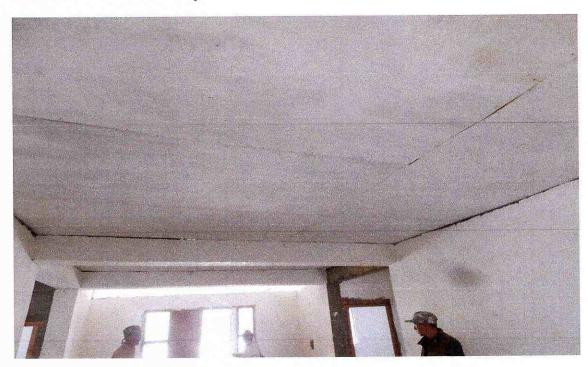
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List of officials who were present during the inspection of NEC funded project "Heritage Protection in Hill and Plain District of Manipur" on 23 and ont 24/03/2021

Si. No.	Name	Contact No. & Email id	Designation &	Signature
1.	Shashikanto Shana	Shashikanto 0007 Ognail. com	Organisation/Department Superintendent Scale Archaeology, Cont. of hair pur	K. Shashihla Sh 24/03/21
2.	N. Pritamoni Singl		Assistant Engineer (Eletrical	24/03/21
3.	Romed Towayban	Carrier May 100	JE/MTDC (eilil)	24/03/2024
4.	Kailallein Keeke	6009377344	AE/MIBE	as/3/2/
5.	Konjan Ind	7085387319	So lavroc	
6.	W. Bhin Seif	8732034639	Codraedor Selia.	Be
7.	Harti Khyrie mmujat	8974593379	Consultant (CE) NEC.	Muyat
8.	Lize . D. Hell	9 436169755	Consul J-(ME)	Me.
9.				7.
10.				У в



View of the kitchen and toilets near the common room for the project Heritage Protection of Hill and Plain District of Manipur

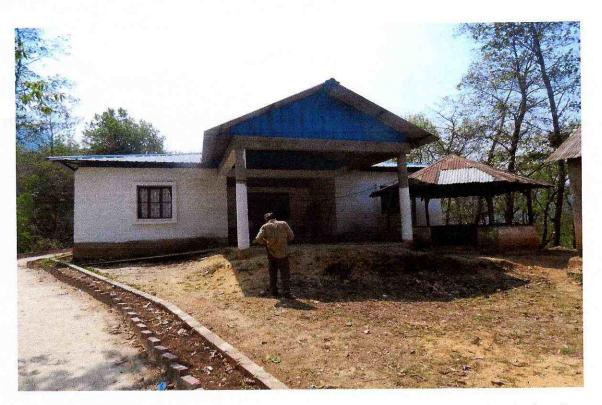


View of the roofing inside the guest house for the project Heritage Protection of Hill and Plain District of Manipur

Liza R. Hek nsultant (ME)

Noth Lovern Council Secretariat

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Aarti Khyriemmiyat
Consultant CCE)
NEC, Secretariat



Overall view of the guesthouse for the project_Heritage Protection of Hill and Plain District of Manipur

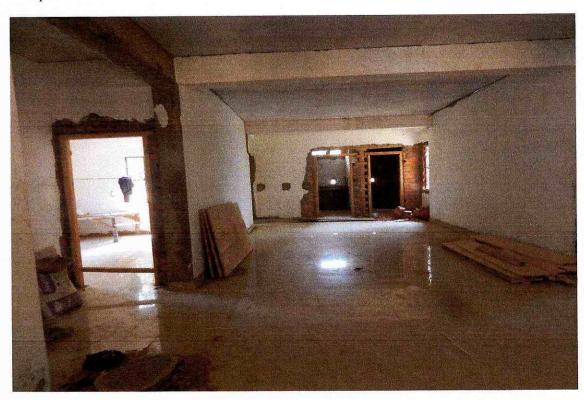


Photo inside the guest house for the project Heritage Protection of Hill and Plain District of Manipur

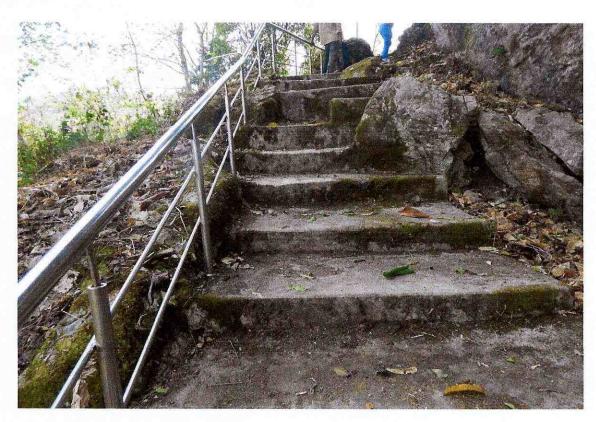
Liza R. Hek

Consultant (ME)

Aanti Khynienmajat Consultant CCO) NEC, Secretariat

List of officials who were present during the inspection of NEC funded project "Heritage Protection in Hill and Plain District of Manipur" on 23 to 26 m² / 03 /2021

Sl. No.	Name	Contact No. & Email id	Designation & Organisation/Department	Signature
1.	HB.K Any	7085387319	Section affect.	
2.	N. Pritamani Singh.	9366340067	A. E (Electrical) MTDC	Meingh
3.	Kailallien Keeks	6009377344	A.E MTOC.	(Dema)
4.	Risharday Raydon	8787622275	Consultant, NEC	Var
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6.				
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View of the step for the project Heritage Protection of Hill and Plain District of", Manipur



Liza R. Hek

nsultant (ME)

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View of the retaining wall for the project Heritage Protection of Hill and Plain District of", Manipur

Liza R. Hek N- : isultant (ME)

council Secretariat

Aarte Khysiemmijst Consultant (CCE) NEC, Secretarist



View of the retaining wall for the project Heritage Protection of Hill and Plain District of", Manipur



View of the inspection team along with the officials of the implementing department.

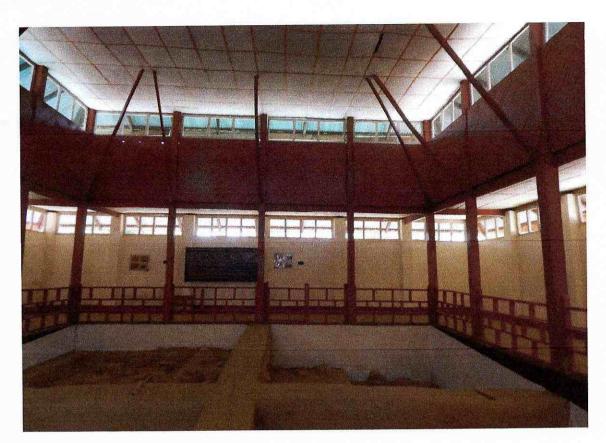
nsultant (ME)
No in ____ern Council Secretariat

A mujat 1/21

Aarti Khynie mmujat

Consultant CCCS

NEC, Secretariat



View inside the renovation of museum for the project Development of Historical/monument site of Sekta Archaelogical living Musuem Imphal East.



View of the ceiling and painting work for the project Development of Historical/monument site of Sekta Archaelogical living Musuem Imphal East

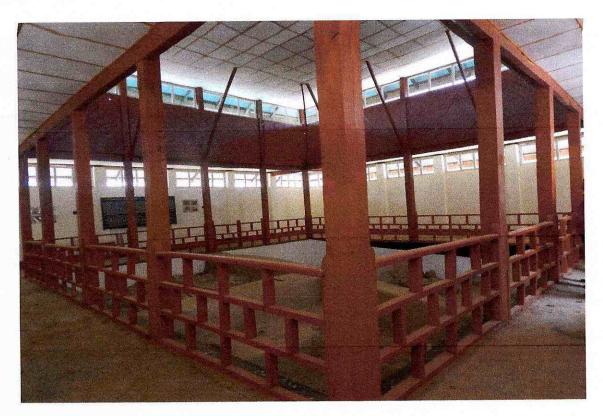
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Consultant (ME)
North Eustern Council Secretariat

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Aarti Khyriennuyat

Consultant (CC)()

NEC, Secretariat



Overall view inside the musuem for the project Development of Historical/monument site of Sekta Archaelogical living Musuem Imphal East



View of the museum for the project Development of Historical/monument site of Sekta Archaelogical living Musuem Imphal East

Liza R. Hek Isultant (ME)

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Aanti Khyriennujat Consultant CCED NEC, Sicretariat

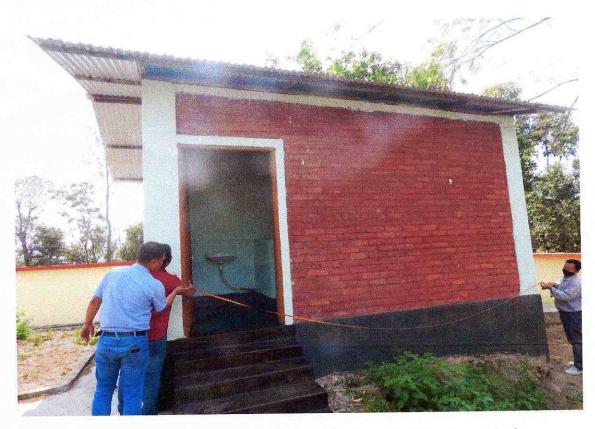
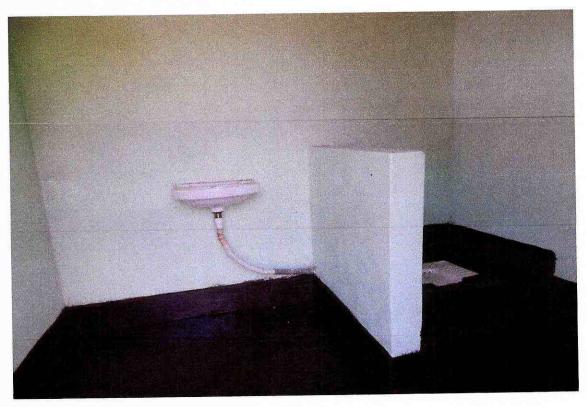


Photo showing the measurement of the public toilet for the project Development of Historical/monument site of Sekta Archaelogical living Musuem Imphal East

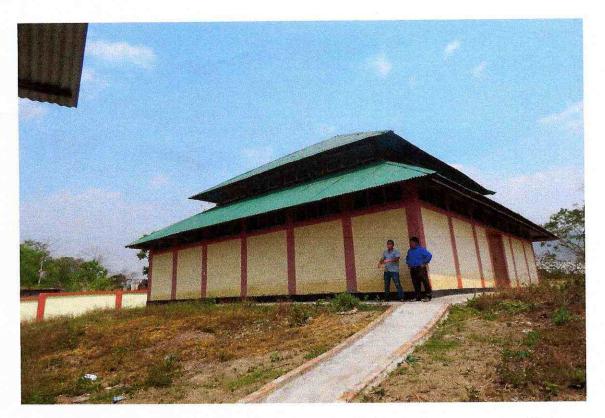


View inside the toilet

Liza R. Hek sultant (ME)

No in _______ Council Secretariat

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View of the approach road for the project Development of Historical/monument site of Sekta Archaelogical living Musuem Imphal East



View of the Compund wall for the project Development of Historical/monument site of Sekta Archaelogical living Musuem Imphal East

Liza R. Hek
sultant (ME)

The Council Secretariat

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Consultant CCE)

NEC, Secretarial



View of the Septic tank for the project Development of Historical/monument site of Sekta Archaelogical living Musuem Imphal East

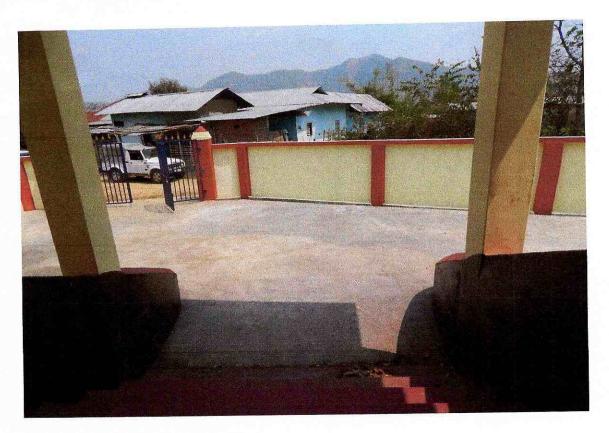


View of the Compund Drain

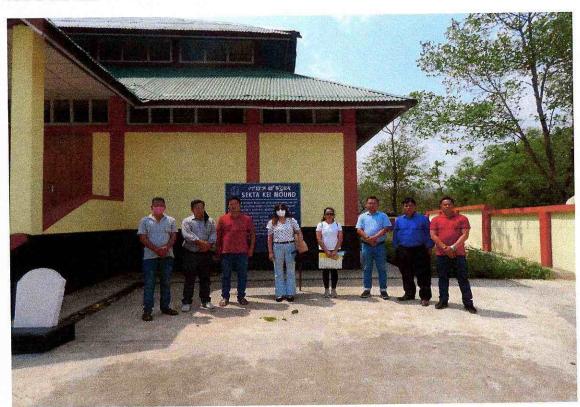
Liza R. Hek

No 'h Lasiern Council Secretariat

Aarti Khynemmijat Consultant CCE) NEC, Secretineal



View of the Gate



View of the inspection team along with the official of the implementing department

Liza R. Hek
Onsultant (**
North Eastern Counc.

Aarti Khysiimmijat Cansultant (CE) NEC, Secreteriat



Inpection team with Implementing Agency at project site



View of sign board.

Richard Rydown Consultant (CK)



Mishalong Myrdon Constlant (CE)



View of Stone Pitching at the project site & Below is a photo showing inspection team and footpath



Rishardons Byrdons Conthat (CF)



Inpection team with Implementing Agency at project site



View of Inspeciton team measuring the retaining wall .

Risholog Rydon
Consultant CCE)
NKC



View of Retaining wall & Below is a photo of boundary wall



Richalon Rydown Casulant (CE)