

Gorkha Package 3

**STATUS REPORT OF EMERGENCY SCHOOL RECONSTRUCTION  
UNDER JICA - TPIS**

**1. Project Details**

- 1.1 Name of Project: Emergency School Reconstruction Project
- 1.2 Client: Ministry of Education, Central Level Project Implementation Unit (CLPIU)
- 1.3 Development Partner : Japan International Cooperation Agency (JICA)
- 1.4 Name of the Consultant : OCG in association with MORI & EWES
- 1.5 Name of Contractor : M/S Rabina/Shyam Sundar JV
- 1.6 Project District : Gorkha
- 1.7 Contract Package No.: 3
- 1.8 Location of Site/Name of School: Shree Sahid Smrity HSS, Bungkot
- 1.9 Contract Signed Date: 29<sup>th</sup> September, 2016
- 1.10 Contract Duration: 15 (month)
- 1.11 Date of the Start of Work: 12<sup>th</sup> October, 2016
- 1.12 Scheduled Date of Completion: 12<sup>th</sup> January, 2018
- 1.13 Total Contract Value: NPR 51,350,765.90
- 1.14 Contract Type: Unit Rate Contract

**2. Report Date: 9<sup>th</sup> March, 2017**

**3. Progress and Deviation from Plan at this Report Date**

This report covers progress of Shree Sahid Smrity HSS, Bungkot of Package No.3 from 10<sup>th</sup> November, 2016 to 9<sup>th</sup> March, 2017 made by contractor Rabina/Shyam Sundar JV.

**Table 1 : Block wise Physical Progress**

S. N.	Block	Expected output as per work schedule	Accomplishments	Deviations [including reasons for deviations]	Remarks
1	Academic Block, 2-6C(S)	Work Schedule not submitted yet.	LTB cast completed.		
2	Academic Block, 2-6C (S)		Stone masonry works below UTB completed.		
3	Practical Block, 2-LaLi 2CM		Stone soling for Footing going on.		
4	Multipurpose Block, M (S)		Not started.		
5	Toilet Block, Tc(M)		Not started.		

The contractors had not submitted the revised master / school/ block wise work schedule respectively, although we frequently follow up and instructed to project engineer of Rabina/Shyam Sundar JV. In spite of that, to track the progress of constructions work, we conducted weekly meeting for February, 2017 along with weekly plan to be achieved. The summary of weekly work plan is shown in table 2 below.

**Table 2 : Summary Weekly Action Plan**

S · N ·	Block	Weekly Work plan				Causes of deviation	Rem arks
		1 <sup>st</sup> week	2 <sup>nd</sup> week	3 <sup>rd</sup> week	4 <sup>th</sup> week		
1	Academic Block, 2-6C(S)	PCC for LTB.	Same was planned due to halt of works.	Rebar & formwork for LTB.	Formwork & cast of LTB.	Halted due to construction materials i.e. cement not deployed at site.	
2	Academic Block, 2-6C (S)	PCC for LTB.	Same was planned due to halt of works. Also Rebar & formwork for LTB.	LTB cast.	Stone masonry wall works below UTB.	Halted due to construction materials i.e. cement not deployed at site.	
3	Practical Block, 2-LaLi 2CM	Layout of practical block.	Excavation of trench for footing.	Soling and PCC at footing.	Same was planned due to halt of works.	Halted due to construction materials i.e. stone not deployed at site. As well as insufficient manpower.	
4	Multipurpose Block, M (S)	Not stated.	Not stated.	Not stated.	Not stated.	inadequate preparation	
5	Toilet Block, Tc(M)	Not stated.	Not stated.	Not stated.	Not stated.	inadequate preparation	

From above table it is clearly identified that the delay of construction works is mainly due to inadequate preparation, planning and lack of manpower. Also deployment of construction materials and equipment not in time has caused interruption during construction works.

To address this challenge, we conduct weekly meeting, instructed on minutes and visitors log book and frequent call to contractors' Project Manager.

#### 4. Test Metrics



#### 5. Change in Design

As per discussion and request from SMC member of Shree Sahid Smrity HSS, Bungkot, the position of two academic blocks and toilet are shifted as shown in revised site plan below.

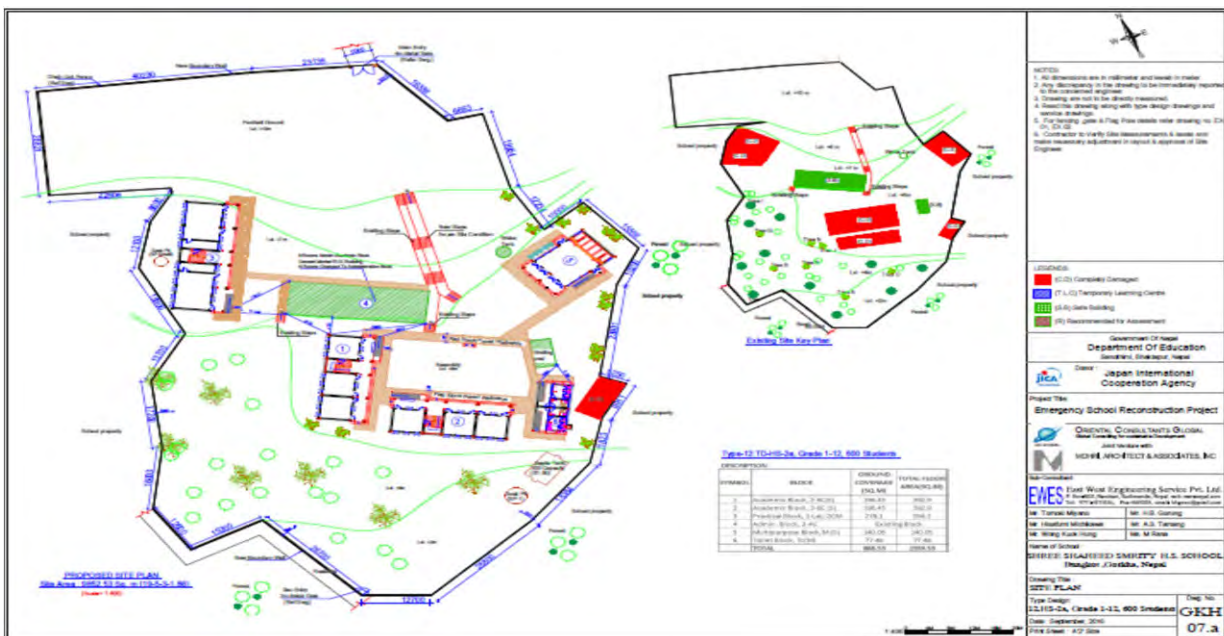


Figure 1 : Proposed site plan



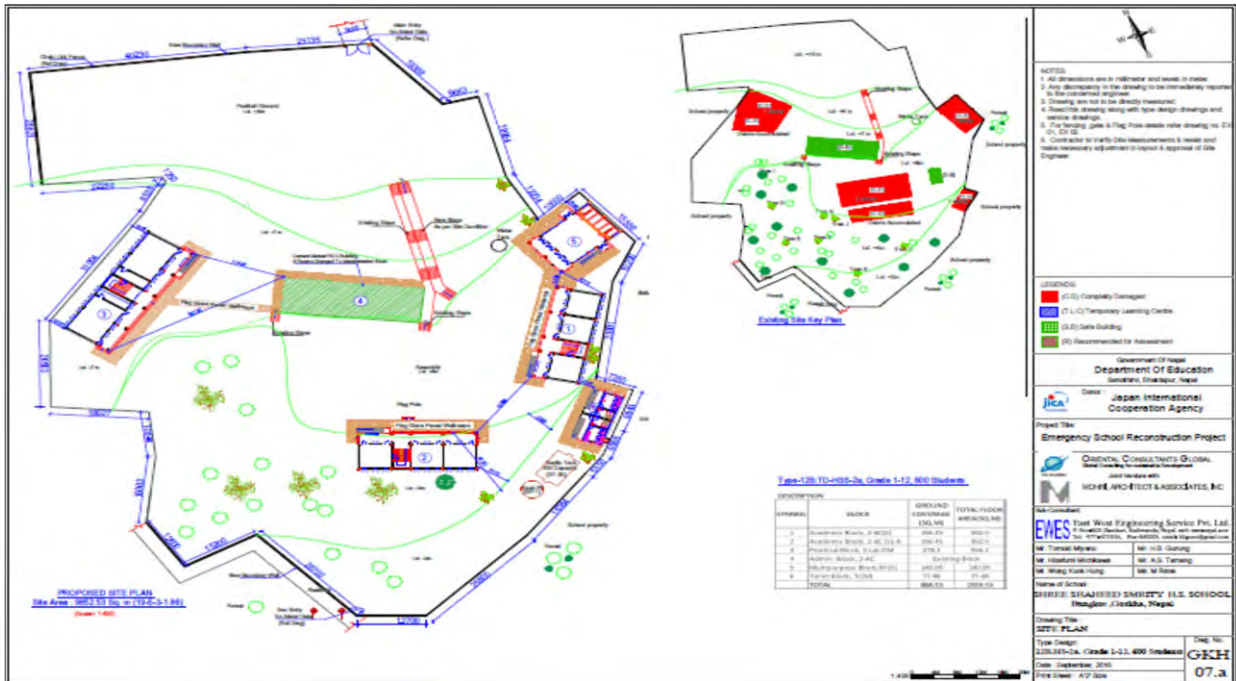


Figure 2 : Revised Site Plan

6. Financial Progress

Total Contract Value	NPR. 51,350,765.90
Value of Work Till Date	NPR
Financial Progress (%)	

7. Physical Progress

Scheduled Progress (%)	-
Actual Progress (%)	
Scheduled Time of Construction	15 months
Total Time Consumed	4 months, 3 weeks
Time Elapsed (%)	31 %

## 8. Contractor's Submittal

1. Lab test reports of Rebar, aggregates and Cement.

## 9. Issues and Problems Facing at Site and Resolution

1. Poor constructed methods and workmanship in site due to insufficient number of skilled manpower.
  - Instructed to contractors to bring skilled manpower and increased the manpower for construction works.
2. Hoarding for construction sites
  - Instructed contractors to build hoarding for safety purpose.
3. Construction Materials handling at site.
  - Instructed contractors for timely construction materials handling, so that works should not be interrupted.

## 10. Photographs of Site and Buildings



**Figure 3: Shree Sahid Smrity HS School site.**





**Figure 4 : Rebar and formwork of LTB of Academic Block 1**



**Figure 5: Stone masonry works below LTB of Academic Block-2**





**Figure 6 : Earthwork excavation of Practical Block**

## **11. Management Summary**

1. We should conduct individual monthly progress meeting with Contractors representatives having power of Attorney of respective packages, so that he could be directly more accountable for the progress of work regarding time and quality.
2. Capacity enhancement program/orientation should be organized for all consultant Site engineer and Package Resident Engineer in regular basis.

Reported by: Amar Shrestha

Designation: PRE

Date: 9<sup>th</sup> March, 2017

**STATUS REPORT OF EMERGENCY SCHOOL RECONSTRUCTION  
UNDER JICA - TPIS**

**1. Project Details**

- 1.1 Name of Project: Emergency School Reconstruction Project
- 1.2 Client: Ministry of Education, Central Level Project Implementation Unit (CLPIU)
- 1.3 Development Partner : Japan International Cooperation Agency (JICA)
- 1.4 Name of the Consultant : OCG in association with MORI & EWES
- 1.5 Name of Contractor : M/S Rabina/Shyam Sundar JV
- 1.6 Project District : Gorkha
- 1.7 Contract Package No.: 3
- 1.8 Location of Site/Name of School: Shree Kalikadevi Jhalak PS, Taple
- 1.9 Contract Signed Date: 29<sup>th</sup> September, 2016
- 1.10 Contract Duration: 15 (month)
- 1.11 Date of the Start of Work: 12<sup>th</sup> October, 2016
- 1.12 Scheduled Date of Completion: 12<sup>th</sup> January, 2017
- 1.13 Total Contract Value: NPR 26,686,450.70
- 1.14 Contract Type: Unit Rate Contract

**2. Report Date: 9<sup>th</sup> March, 2017**

**3. Progress and Deviation from Plan at this Report Date**

This report covers progress of Shree Kalikadevi Jhalak PS, Taple of Package No.3 from 10<sup>th</sup> November, 2016 to 9<sup>th</sup> March, 2017 made by contractor Rabina/Shyam Sundar JV.

**Table 1 : Block wise Physical Progress**

S. N.	Block	Expected output as per work schedule	Accomplishments	Deviations [including reasons for deviations]	Remarks
1	Academic Block, 2-4C(S)	Work Schedule not submitted yet.	Formwork/rebar for base Tie Beam is in progress.		
2	Academic Block, 2-4C(S)-A		PCC work in trench of LTB completed.		
3	Admin Block, 2C(S)		Not started.		
4	Toilet Block, Tc(S)		Not started.		

The contractors had not submitted the revised master / school/ block wise work schedule respectively, although we frequently follow up and instructed to project engineer of Rabina/Shyam Sundar JV. In spite of that, to track the progress of constructions work, we conducted weekly meeting for February, 2017 along with weekly plan to be achieved. The summary of weekly work plan is shown in table 2 below.

**Table 2 : Summary Weekly Action Plan**

S. N	Block	Weekly Work plan				Causes of deviation	Remarks
		1 <sup>st</sup> week	2 <sup>nd</sup> week	3 <sup>rd</sup> week	4 <sup>th</sup> week		
1	Academic Block, 2-4C(S)	Complete LTB cast works.	Same was planned due to halt of works.	Same was planned due to halt of works.	Work plan not stated due to absence of contractors project engineer.	Halted due to construction materials i.e. aggregates not deployed at site.	
2	Academic Block, 2-4C(S)-A	Complete column footing cast, excavation of trench, soling and PCC works for LTB.	Prepare formwork for base tie-beams.	Same was planned due to incompleti on of previous works.	Work plan not stated due to absence of contractors project engineer.	Sufficient construction materials i.e. aggregate not deployed at site. Lacking of skilled manpower.	
3	Admin Block, 2C(S)	Not stated.	Not stated.	Not stated.	Not stated.	inadequate preparation	
4	Toilet Block, Tc(S)	Not stated.	Not stated.	Not stated.	Not stated.	inadequate preparation	

From above table it is clearly identified that the delay of construction works is mainly due to inadequate preparation, planning and lack of manpower. Also deployment of construction materials and equipment not in time has caused interruption during construction works. As well as poor construction methods and workmanship is one of the major problems of this site.

To address this challenge, we conduct weekly meeting, instructed on minutes and visitors log book and frequent call to contractors' Project Manager.

#### 4. Test Metrics



#### 5. Change in Design

As per discussion and request from SMC member of Shree Kalikadevi Jhalak PS, Taple the position of one academic block 1 is rotated towards east direction. The revised site plan is under construction.

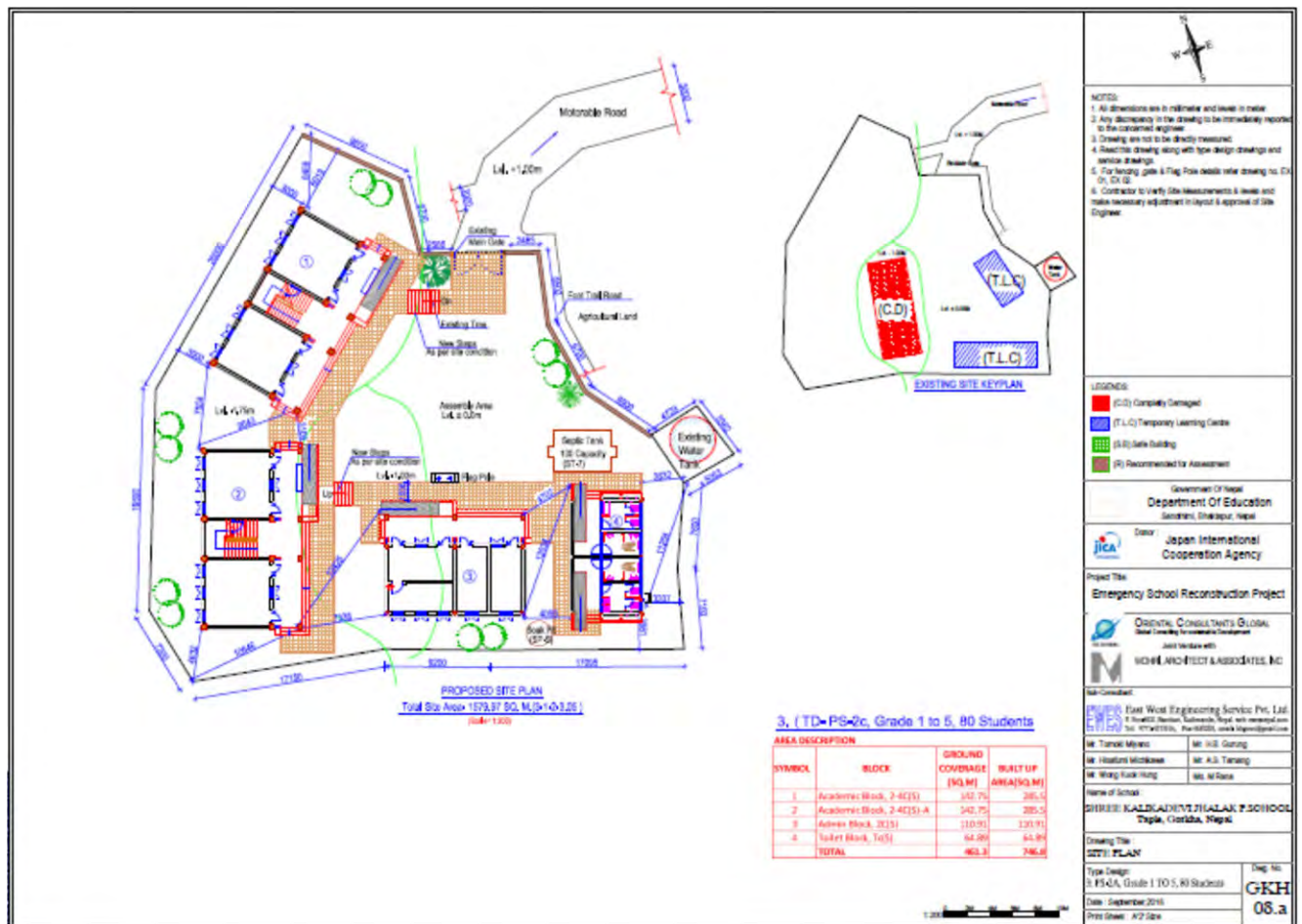


Figure 1 : Proposed site plan

**6. Financial Progress**

Total Contract Value	NPR. 26,686,450.70
Value of Work Till Date	NPR
Financial Progress (%)	

**7. Physical Progress**

Scheduled Progress (%)	-
Actual Progress (%)	
Scheduled Time of Construction	15 months
Total Time Consumed	4 months, 3 weeks
Time Elapsed (%)	

**8. Contractor's Submittal**

- |  |
|--|
| <ol style="list-style-type: none"><li>1. Lab test reports of Rebar, aggregates and Cement.</li></ol> |
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**9. Issues and Problems Facing at Site and Resolution**

- |   |
|---|
| <ol style="list-style-type: none"><li>1. Poor constructed methods and workmanship in site due to insufficient number of skilled manpower.<ul style="list-style-type: none"><li>➤ Instructed to contractors to bring skilled manpower and increased the manpower for construction works.</li></ul></li><li>2. Hoarding for construction sites<ul style="list-style-type: none"><li>➤ Instructed contractors to build hoarding for safety purpose.</li></ul></li><li>3. Construction Materials handling at site.<ul style="list-style-type: none"><li>➤ Instructed contractors for timely construction materials handling, so that works should not be interrupted.</li></ul></li></ol> |
|---|



## 10. Photographs of Site and Buildings



**Figure 2 : Shree Kalikadevi Jhalak P. School Site**



**Figure 3 : Rebar & formwork of LTB in Academic Block, 2-4C(S)**



**Figure 4 : PCC on LTB of Academic Block, 2-4C(S)-A**

## **11. Management Summary**

1. We should conduct individual monthly progress meeting with Contractors representatives having power of Attorney of respective packages, so that he could be directly more accountable for the progress of work regarding time and quality.
2. Capacity enhancement program/orientation should be organized for all consultant Site engineer and Package Resident Engineer in regular basis.

Reported by: Amar Shrestha

Designation: PRE/Package 3

Date: 9<sup>th</sup> march, 2017



**STATUS REPORT OF EMERGENCY SCHOOL RECONSTRUCTION  
UNDER JICA - TPIS**

**1. Project Details**

- 1.1 Name of Project: Emergency School Reconstruction Project
- 1.2 Client: Ministry of Education, Central Level Project Implementation Unit (CLPIU)
- 1.3 Development Partner : Japan International Cooperation Agency (JICA)
- 1.4 Name of the Consultant : OCG in association with MORI & EWES
- 1.5 Name of Contractor : M/S Rabina/Shyam Sundar JV
- 1.6 Project District : Gorkha
- 1.7 Contract Package No.: 3
- 1.8 Location of Site/Name of School: Shree Navajagriti Chandi HSS, Ashrang
- 1.9 Contract Signed Date: 29<sup>th</sup> September, 2016
- 1.10 Contract Duration: 14 (month)
- 1.11 Date of the Start of Work: 12<sup>th</sup> October, 2016
- 1.12 Scheduled Date of Completion: 12<sup>th</sup> December, 2017
- 1.13 Total Contract Value: NPR 40,223,533.60 (NPR 49,074,667.03 revised on 14<sup>th</sup> Feb.2017)
- 1.14 Contract Type: Unit Rate Contract

**2. Report Date:** 9<sup>th</sup> March, 2017

**3. Progress and Deviation from Plan at this Report Date**

This report covers progress of Shree Navajagriti Chandi HSS, Ashrang of Package No.3 from 10<sup>th</sup> November, 2016 to 9<sup>th</sup> March, 2017 made by contractor Rabina/Shyam Sundar JV.

**Table 1 : Block wise Physical Progress**

S. N.	Block	Expected output as per work schedule	Accomplishments	Deviations [including reasons for deviations]	Remarks
1	Practical Block, 3 LaLiCM 4 C	Work Schedule not submitted yet.	Not started.	Difficult to start the works prior to site development works i.e. stone masonry retaining wall due the land topography.	Site Development works i.e. Retaining wall works is in progress.
2	Multipurpose Block M (S)		Not started.		
3	Toilet Block, T-c(S)		Not started.		

The contractors had not submitted the revised master / school/ block wise work schedule respectively, although we frequently follow up and instructed to project engineer of Rabina/Shyam Sundar JV. In spite of that, to track the progress of constructions work, we conducted weekly meeting for February, 2017 along with weekly plan to be achieved. The summary of weekly work plan is shown in table 2 below.

**Table 2 : Summary Weekly Action Plan**

S. N.	Block	Weekly Work plan				Causes of deviation	Remarks
		1 <sup>st</sup> week	2 <sup>nd</sup> week	3 <sup>rd</sup> week	4 <sup>th</sup> week		
1	Site Development works	Retaining wall works	Same was planned due to halt of works.	Same was planned due to halt of works.	Work plan not stated due to absence of contractors project engineer.	Halted due to construction materials i.e. stone not deployed at site. As well as insufficient manpower.	
2	Practical Block, 3 LaLiCM 4 C	Not stated.	Not stated.	Not stated.	Not stated.	Difficult to start the works prior to site development works i.e. stone masonry retaining wall due the land topography.	
3	Multipurpose Block M (S)	Not stated.	Not stated.	Not stated.	Not stated.		
4	Toilet Block, T-c(S)	Not stated.	Not stated.	Not stated.	Not stated.		

From above table it is clearly identified that the delay of construction works is mainly due to inadequate preparation, planning and lack of manpower. Also deployment of construction materials and equipment not in time has caused interruption during construction works.

To address this challenge, we conduct weekly meeting, instructed on minutes and visitors log book and frequent call to contractors' Project Manager.

#### 4. Test Metrics



#### 5. Change in Design

As per discussion and request from SMC member of Shree Navajagriti Chandi HSS, Ashrang, the position of two academic blocks and toilet are shifted as shown in revised site plan below.



Figure 1 : Proposed site plan

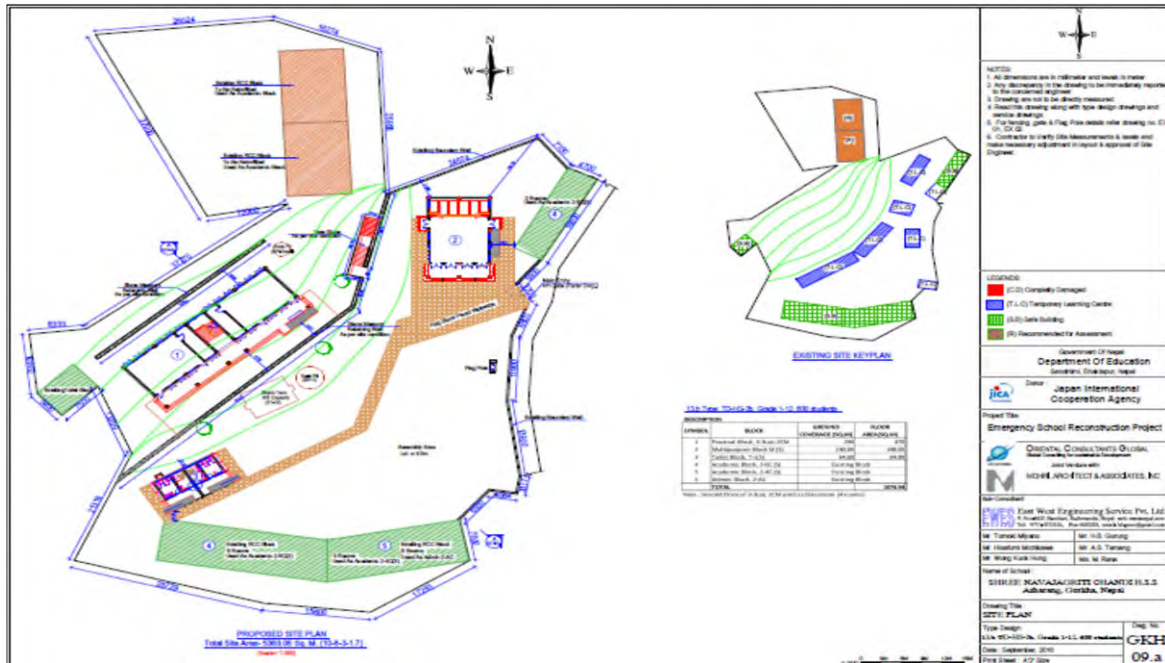


Figure 2 : Revised Site Plan 29<sup>th</sup> Dec. 2016

## 6. Financial Progress

Total Contract Value	NPR. 49,074,667.03
Value of Work Till Date	NPR
Financial Progress (%)	

## 7. Physical Progress

Scheduled Progress (%)	-
Actual Progress (%)	
Scheduled Time of Construction	14 months
Total Time Consumed	4 months, 3 weeks
Time Elapsed (%)	33 %

## 8. Contractor's Submittal

1. Lab test reports of Rebar, aggregates and Cement.

## 9. Issues and Problems Facing at Site and Resolution

1. Poor constructed methods and workmanship in site due to insufficient number of skilled manpower.
  - Instructed to contractors to bring skilled manpower and increased the manpower for construction works.
2. Hoarding for construction sites
  - Instructed contractors to build hoarding for safety purpose.
3. Construction Materials handling at site.
  - Instructed contractors for timely construction materials handling, so that works should not be interrupted.

## 10. Photographs of Site and Buildings



**Figure 3 : Shree Navajagriti HS School site**





**Figure 4 : Site Development Works i.e. Retaining wall**

## **11. Management Summary**

1. We should conduct individual monthly progress meeting with Contractors representatives having power of Attorney of respective packages, so that he could be directly more accountable for the progress of work regarding time and quality.
2. Capacity enhancement program/orientation should be organized for all consultant Site engineer and Package Resident Engineer in regular basis.

Reported by: Amar Shrestha

Designation: PRE/ Package 3

Date: 9<sup>th</sup> March, 2017



**STATUS REPORT OF EMERGENCY SCHOOL RECONSTRUCTION  
UNDER JICA - TPIS**

**1. Project Details**

- 1.1 Name of Project: Emergency School Reconstruction Project
- 1.2 Client: Ministry of Education, Central Level Project Implementation Unit (CLPIU)
- 1.3 Development Partner : Japan International Cooperation Agency (JICA)
- 1.4 Name of the Consultant : OCG in association with MORI & EWES
- 1.5 Name of Contractor : M/S Rabina/Shyam Sundar JV
- 1.6 Project District : Gorkha
- 1.7 Contract Package No.: 3
- 1.8 Location of Site/Name of School: Shree Saraswoti HSS, Borlang
- 1.9 Contract Signed Date: 29<sup>th</sup> September, 2016
- 1.10 Contract Duration: 15 (month)
- 1.11 Date of the Start of Work: 12<sup>th</sup> October, 2016
- 1.12 Scheduled Date of Completion: 12<sup>th</sup> January, 2018
- 1.13 Total Contract Value: NPR 53,575,958.50
- 1.14 Contract Type: Unit Rate Contract

**2. Report Date: 9<sup>th</sup> March, 2017**

**3. Progress and Deviation from Plan at this Report Date**

This report covers progress of Shree Saraswoti HSS, Borlang of Package No.3 from 10<sup>th</sup> November, 2016 to 9<sup>th</sup> March, 2017 made by contractor Rabina/Shyam Sundar JV.

**Table 1 : Block wise Physical Progress**

S. N.	Block	Expected output as per work schedule	Accomplishments	Deviations [including reasons for deviations]	Remarks
1	Academic Block, 2-6C (S)	Work Schedule not submitted yet.	UTB cast completed.		
2	Academic Block, 2-6C (S)		Stone masonry works below UTB completed.		
3	Practical Block, 2-LaLi 2CM		Excavation of trench for footing completed.		
4	Multipurpose Block M (S)		Layout completed and Excavation of trench for footing going on.		
5	Toilet Block, Tc-(M)		Not started.		

The contractors had not submitted the revised master / school/ block wise work schedule respectively, although we frequently follow up and instructed to project engineer of Rabina/Shyam Sundar JV. In spite of that, to track the progress of constructions work, we conducted weekly meeting for February, 2017 along with weekly plan to be achieved. The summary of weekly work plan is shown in table 2 below.

**Table 2 : Summary Weekly Action Plan**

S. N.	Block	Weekly Work plan				Causes of deviation	Remarks
		1 <sup>st</sup> week	2 <sup>nd</sup> week	3 <sup>rd</sup> week	4 <sup>th</sup> week		
1	Academic Block, 2-6C (S)	LTB cast.	Same was planned due to halt of works.	Stone masonry wall works below UTB.	Rebar, formwork placing & casting of UTB.	Halted due to cement not deployed at site.	
2	Academic Block, 2-6C (S)	Rebar and formwork for LTB.	LTB cast.	Not stated.	stone masonry wall works below UTB	Not stated due to insufficient Manpower in site.	
3	Practical Block, 2-LaLi 2CM	Not stated.	Not stated.	Site clearance & layout of Practical block.	Excavation of trench for footing.	Not stated due to insufficient Manpower in site.	
4	Multipurpose Block M (S)	Conduct site clearance works.	Conduct preliminary layout.	Not stated.	Not stated.	Not stated due to insufficient Manpower in site.	
5	Toilet Block, Tc-(M)	Not stated.	Not stated.	Not stated.	Not stated.		

From above table it is clearly identified that the delay of construction works is mainly due to deployment of construction materials and equipment not in time, inadequate preparation, planning and lack of manpower.

To address this challenge, we conduct weekly meeting, instructed on minutes and visitors log book and frequent call to contractors' Project Manager.

#### 4. Test Metrics



#### 5. Change in Design

As per discussion and request from SMC member of Shree Saraswati HSS, Borlang the layout change is as shown in revised site plan below.

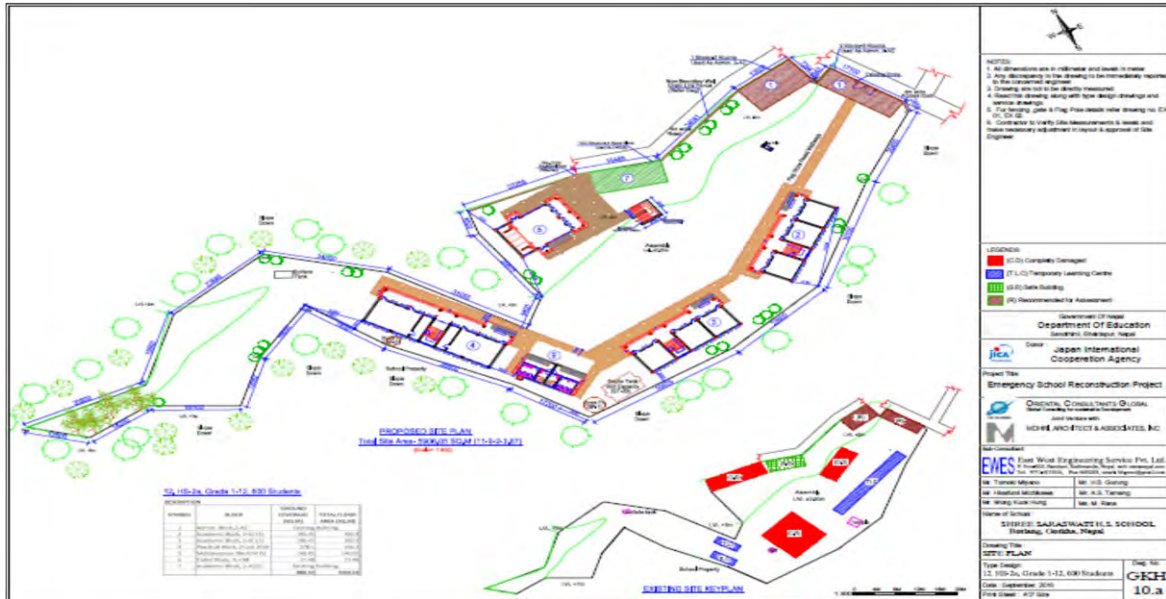


Figure 1 : Proposed site plan

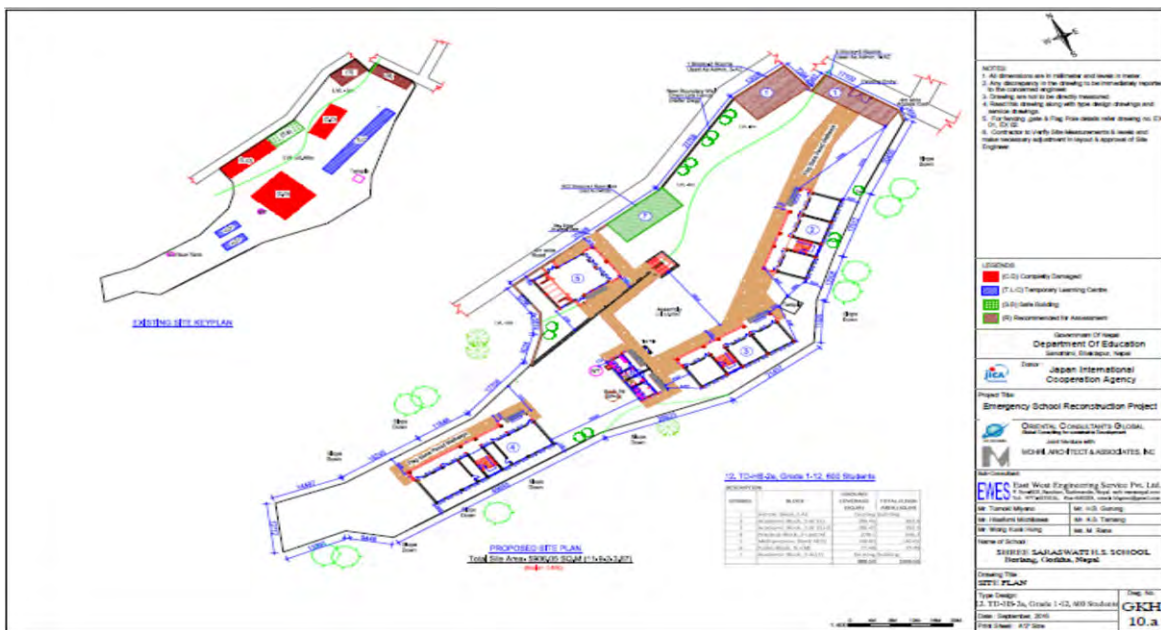


Figure 2 : Revised Site Plan

**6. Financial Progress**

Total Contract Value	NPR. 53,575,958.50
Value of Work Till Date	NPR
Financial Progress (%)	

**7. Physical Progress**

Scheduled Progress (%)	-
Actual Progress (%)	
Scheduled Time of Construction	15 months
Total Time Consumed	4 months, 3 weeks
Time Elapsed (%)	31 %

**8. Contractor's Submittal**

- |  |
|--|
| <ol style="list-style-type: none"><li>1. Lab test reports of Rebar, aggregates and Cement.</li></ol> |
|--|

**9. Issues and Problems Facing at Site and Resolution**

- |   |
|---|
| <ol style="list-style-type: none"><li>1. Insufficient number of skilled manpower.<ul style="list-style-type: none"><li>➤ Instructed to contractors to increase the manpower for construction works.</li></ul></li><li>2. Hoarding for construction sites<ul style="list-style-type: none"><li>➤ Instructed contractors to build hoarding for safety purpose.</li></ul></li><li>3. Construction Materials handling at site.<ul style="list-style-type: none"><li>➤ Instructed contractors for timely construction materials handling, so that works should not be interrupted.</li></ul></li></ol> |
|---|



## 10. Photographs of Site and Buildings



**Figure 3 : Shree Saraswoti HS School site**



**Figure 4: UTB cast of 1<sup>st</sup> Academic Block, 2-6C (S)**



**Figure 5 : Stone Masonry wall below UTB of 2<sup>nd</sup> Academic Block, 2-6C (S)**



**Figure 6 : Footing Excavation of Practical Block, 2-LaLi 2CM**





**Figure 7 : Footing excavation of Multipurpose Block M (S)**

## **11. Management Summary**

1. We should conduct individual monthly progress meeting with Contractors representatives having power of Attorney of respective packages, so that he could be directly more accountable for the progress of work regarding time and quality.
2. Capacity enhancement program/orientation should be organized for all consultant Site engineer and Package Resident Engineer in regular basis.

Reported by: Amar Shrestha

Designation: PRE

Date: 9<sup>th</sup> March, 2017

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- 1.5 Name of Contractor : M/S Rabina/Shyam Sundar JV
- 1.6 Project District : Gorkha
- 1.7 Contract Package No.: 3
- 1.8 Location of Site/Name of School: Shree Shanti HSS, Baguwa
- 1.9 Contract Signed Date: 29<sup>th</sup> September, 2016
- 1.10 Contract Duration: 15 (month)
- 1.11 Date of the Start of Work: 12<sup>th</sup> October, 2016
- 1.12 Scheduled Date of Completion: 12<sup>th</sup> January, 2018
- 1.13 Total Contract Value: NPR 41,083,420.20
- 1.14 Contract Type: Unit Rate Contract

**2. Report Date: 9<sup>th</sup> March, 2017**

**3. Progress and Deviation from Plan at this Report Date**

This report covers progress of Shree Shanti HSS, Baguwa of Package No.3 from 10<sup>th</sup> November, 2016 to 9<sup>th</sup> March, 2017 made by contractor Rabina/Shyam Sundar JV.

**Table 1 : Block wise Physical Progress**

S. N.	Block	Expected output as per work schedule	Accomplishments	Deviations [including reasons for deviations]	Remarks
1	Academic Block, 2-6C (S)	Work Schedule not submitted yet.	Stone masonry works below UTB completed		
2	Practical Block, 2-LaLi 2CM		Footing cast completed. Rebar and formwork of LTB is in progress		
3	Multipurpose Block M (S)		LTB cast completed.		
4	Toilet Block, Tc-(M)		Not started.		



The contractors had not submitted the revised master / school/ block wise work schedule respectively, although we frequently follow up and instructed to project engineer of Rabina/Shyam Sundar JV. In spite of that, to track the progress of constructions work, we conducted weekly meeting for February, 2017 along with weekly plan to be achieved. The summary of weekly work plan is shown in table 2 below.

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		1 <sup>st</sup> week	2 <sup>nd</sup> week	3 <sup>rd</sup> week	4 <sup>th</sup> week		
1	Academic Block, 2-6C (S)	Soling under LTB.	Soling and PCC works under LTB. Also casting of LTB.	Stone masonry works above LTB.	Stone masonry works above LTB.	Insufficient manpower at site. Total manpower at site 15 only for all blocks.	
2	Practical Block, 2-LaLi 2CM	Layout and trench excavation for footing.	Excavation and boulder soling for footing.	PCC at footing, Rebar and form work for footing cast.	Column footing cast.	Insufficient manpower at site. Total manpower at site 15 only for all blocks.	
3	Multipurpose Block M (S)	Boulder soling at Footing.	PCC works at footing.	Footing cast and trench excavation for LTB.	Soling and PCC works for LTB.	Insufficient manpower at site. Total manpower at site 15 only for all blocks.	
4	Toilet Block, Tc-(M)	Not stated.	Not stated.	Not stated.	Not stated.		

From above table it is clearly identified that the delay of construction works is mainly due to inadequate preparation, planning and lack of manpower.

To address this challenge, we conduct weekly meeting, instructed on minutes and visitors log book and frequent call to contractors' Project Manager.

#### 4. Test Metrics



#### 5. Change in Design

As per discussion and request from SMC member of Shree Shanti HSS, Baguwa, there is minor change in layout of blocks. Practical Block, 2-LaLi 2CM is shifted 10 m towards west from the proposed site. Multipurpose Block M (S) is 5 m south and down due to contour missing as per site condition.

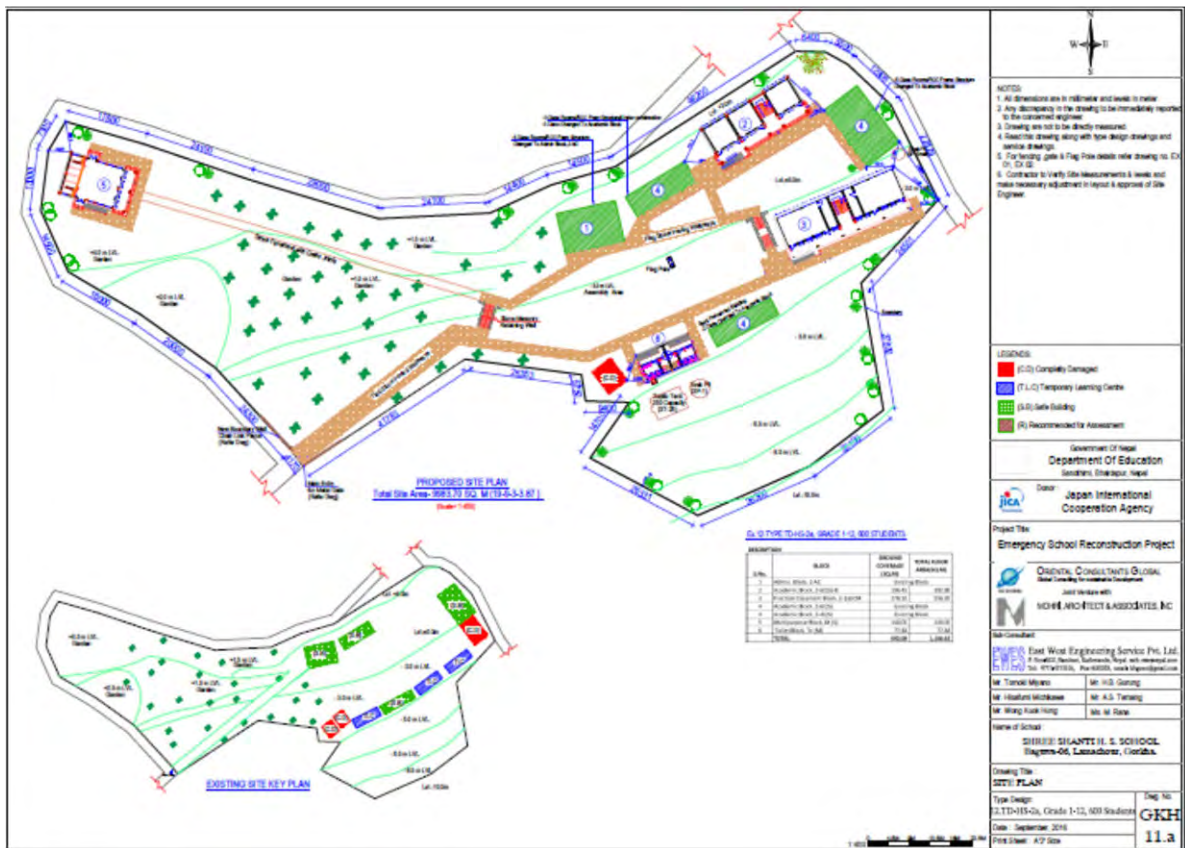


Figure 1 : Proposed site plan

**6. Financial Progress**

Total Contract Value	NPR. 41,083,420.20
Value of Work Till Date	NPR
Financial Progress (%)	

**7. Physical Progress**

Scheduled Progress (%)	-
Actual Progress (%)	
Scheduled Time of Construction	15 months
Total Time Consumed	4 months, 3 weeks
Time Elapsed (%)	31 %

**8. Contractor's Submittal**

- |  |
|--|
| <ol style="list-style-type: none"><li>1. Lab test reports of Rebar, aggregates and Cement.</li></ol> |
|--|

**9. Issues and Problems Facing at Site and Resolution**

- |  |
|--|
| <ol style="list-style-type: none"><li>1. Insufficient number of manpower.<ul style="list-style-type: none"><li>➤ Instructed to contractors to increase the manpower for construction works.</li></ul></li><li>2. Hoarding for construction sites.<ul style="list-style-type: none"><li>➤ Instructed contractors to build hoarding for safety purpose.</li></ul></li><li>3. Construction Materials handling at site.<ul style="list-style-type: none"><li>➤ Instructed contractors for timely construction materials handling, so that works should not be interrupted.</li></ul></li></ol> |
|--|

## 10. Photographs of Site and Buildings



**Figure 2 : Shree Shanti HS School Site**



**Figure 3 : Stone Masonry works above LTB of Academic Block, 2-6C (S)**





**Figure 4 : Column footing cast of Practical Block, 2-LaLi 2CM**





**Figure 5 : LTB cast of Multipurpose Block**

## **11. Management Summary**

1. We should conduct individual monthly progress meeting with Contractors representatives having power of Attorney of respective packages, so that he could be directly more accountable for the progress of work regarding time and quality.
2. Capacity enhancement program/orientation should be organized for all consultant Site engineer and Package Resident Engineer in regular basis.

Reported by: Amar Shrestha

Designation: PRE

Date: 9<sup>th</sup> March, 2017