

Loan 3260 /Grant 0529: Earthquake Emergency Assistance Project

AIDE MEMOIRE OF REVIEW MISSION

(13- 28 December 2018)

I. INTRODUCTION

1. The review mission¹ (the Mission) for Loan 3260/ Grant 0529: Earthquake Emergency Assistance Project (EEAP) was fielded from 13 to 28 December 2018. With a focus on construction progress, the Mission undertook the following main tasks: (i) field visits to subproject sites, especially where construction progress is significantly behind schedule, (ii) assess output-wise construction progress and quality, and discuss measures to recover delays and accelerate overall progress while maintaining and/or improving quality; (iii) identify critical contracts requiring special efforts for improving progress to avoid slippage of completion beyond 23 June 2019; and (iv) progress with procurement and disbursement; and verify the contracts awarded, commitments, and disbursements made; (v) status of compliance with loan covenants, social, environmental and GESI action plans; and

2. The Mission met with the National Reconstruction Authority (NRA) and its three Central-level Project Implementation Units (CLPIUs) and with the Project Directorate (ADB projects) of the Department of Roads (DOR). The list of persons met is in Attachment 1. The Mission visited the selected District Level Project Implementation Units (DLPIUs) and subproject sites in Okhaldhunga, Solukhumbu, Sindhuli, Makwanpur, Chitwan and Dhading districts. The Mission also discussed the issues with representatives of the Swiss Agency for Development and Cooperation (SDC) and the United States Agency for International Development (USAID). The wrap-up meeting was held on 28 December 2018 under the chairmanship of NRA's Chief Executive Officer and attended by representatives of the CLPIUs and DOR's Project Directorate (PD) as well as representatives of SDC² and USAID.³ This aide memoire (and its attachments) records the Mission's findings, discussions and agreements with the officials concerned, which are subject to confirmation by the higher authorities of ADB and the Government.

¹ The Mission comprised of Naresh Giri, Senior Project Officer as Mission Leader; Pramod Pudasaini, Project Implementation Coordinator/ consultant; and Pieter Smidt, Project Management Specialist/consultant as Mission Members. Mukhtor Khamudkhanov, Country Director, NRM, ADB and Mr. Narendra Chand, Sr. Procurement Officer participated in the wrap – up meeting.

² Jun Hada, Senior Programme Officer.

³ Tenzin Deki Chokteng, Reconstruction Engineer - Disaster Risk Reduction, Reconstruction, and Resilience, DR4 Office.

MISSION'S MAIN FINDINGS

3. **Implementation status** – The overall implementation progress as of mid-December 2018 stood at 63% with an elapsed revised implementation period of 88%⁴ Considering the average implementation progress of less than 3% per month achieved since the previous review mission early this year,⁵ the overall implementation rate during the remaining months needs to be doubled to achieve substantially completion by 23 June 2019.

4. **Implementation status** – The overall implementation progress as of mid-December 2018 stood at 63% with an elapsed revised implementation period of 88%⁶ Considering the average implementation progress of less than 3% per month achieved since the previous review mission early this year,⁷ the overall implementation rate during the remaining months needs to be doubled to achieve substantially completion by 23 June 2019.

5. The main achievements as of 25 December 2018 in terms of outputs are as follows (see Attachment 2 for details): output 1 – of the target of 154 schools, rebuilding of 126 schools ongoing with 28 schools completed ; output 2 – strategic roads – rehabilitation of 90 km out of the target of 99.6 km of road sections ongoing; output 2 – district roads – rehabilitation of 24.29 KM of road completed and construction ongoing on 276.35 km out of the target of 315 km of road sections ; output 3 – construction of 288 temporary buildings completed in Q4 2017, repairs of 61 buildings completed in Q2 2018, rebuilding of 4 buildings completed and works ongoing on 66 buildings out of the total target of 62 buildings ; and output 4 – 283 CLPIU and DLPIU staff out of the target of 500 staff trained in earthquake resilient building design/ construction and safeguards requirements, and 82 members of School Management Committees (SMCs) trained in supervision for and monitoring of the construction of safe school buildings. The remaining activity, a program to assist 50 SMCs to prepare school-based disaster risk management plans, has been initiated.

6. **Contract awards and disbursements – L3260.** As of 25 December 2018, the cumulative contract awards and disbursement against the Loan reached \$161.42 million and \$119.46 million, 82.10% and 60.76%, respectively, of the effective Loan amount of \$196.6 million.⁸ The year-end contract awards and disbursements are \$0.85 million and \$62.51 million, against the projection of \$0.00 million and \$64.73 million respectively (Attachment 3).

7. **G0529.** As of 25 December 2018, cumulative contract awards and disbursements against the Grant reached \$8.45 million and \$7.21 million, 86.66% and 73.95% of the effective grant amount (without administration fee). The year-end contract awards and disbursements are \$0.00 million and \$4.37 million, against the projection of \$0.00 million and \$4.76 million respectively (Attachment 3).

⁴ Mission's estimate; the implementation progress takes into account progress in pre-construction activities and progress in construction.

⁵ This mission was undertaken in February – April 2018.

⁶ Mission's estimate; the implementation progress takes into account progress in pre-construction activities and progress in construction.

⁷ This mission was undertaken in February – April 2018.

⁸ The effective Loan amount is exclusive of the \$3.22 million for the financing charges for interest during construction.

8. **Compliance with Loan covenants.** Most of the covenants have been or are being complied with (Attachment 4). However, critical covenants related to environmental management and resettlement compensation payments associated with road subprojects remain partially complied.

9. **Current commitments of loan/ grant proceeds-**Comparing the current cost category-wise commitments against the latest allocations shows that \$38.37 in loan proceeds and \$1.54 in grant proceeds have not yet been committed (Attachment 5). However, the current commitments are expected to increase before 23 June 2019 because of variations to civil works and consultants' contracts as well as price escalation provisioned in contracts for building and strategic road components. A reallocation of loan and grant proceeds among cost categories and/or among components is not needed at this stage, if necessary, may be discussed during the next review mission.

II. MAIN ISSUES AND AGREED ACTIONS

Challenges to Meet the 23 June 2019 Completion Deadline

10. **Delays in Construction**- Construction progressed since the review mission early this year varied between the four infrastructure components with the school reconstruction component reaching a satisfactory progress of 77% and the strategic roads component performing poorly with a progress of only 37%. Construction progress needs to be accelerated, especially in the case of strategic roads rehabilitation.

11. Construction progress under almost all contracts is behind the original work schedules. Through its site visits, the Mission assessed that poor contract management and inadequate resource mobilization by the contractors continues to be the main reason for delays. Together with the CLPIUs/ DOR PD, the Mission identified “critical” contracts, i.e. contracts with current and or expected completion dates beyond 31 March 2019, including “highly critical” contracts with completion dates beyond 23 June 2019, the project’s implementation completion date. As shown in the summary table below, the strategic roads component is the most critical one, followed by the office buildings component for reaching project completion. It is assessed that remaining works of about \$ 10 million (Schools \$ 3.50 million, Government buildings \$ 1.50 million, District road \$ 2.50 million and strategic road \$ 2.50 million) may slip away beyond project completion date, unless the delayed sub -projects are accelerated as per the revised schedules.

List of critical and highly critical contract packages

Outputs	Total	Expected completed by 31 March 2018	Expected completion after 31 March 2018	
			Critical (1 April - 23 June)	Highly critical (23 June - 30 Nov)
			(no)	(no)
Schools	51	31	10	10
Office buildings (new)	17	2	12	3
District roads	21	3	14	4
Strategic roads	6	0	5	1
Total	95	36	41	18
% of Total		38	43	19

Source: ADB December 2018 review mission

Component specific issues and agreed actions

A School Reconstruction

12. **Physical Progress** – Satisfactory overall progress has been made since the review mission early this year. The overall physical progress reached 77% by 15 December 2018 with 15 contracts completed/ substantially completed (Attachment 6). Despite the overall satisfactory overall progress, progress in four districts needs to be accelerated, i.e. in the Sindhupalchowk, Okhaldunga, Kathmandu and Dolakha districts. Completion of 31 contracts out of the 51 contracts

remains feasible before 31 March 2019 Completion of 10 contracts may become critical and 10 contracts may become highly critical (Attachment 7).

13. **Re-alignment of DSC resources to critical districts** – ADB mission noticed that reconstruction works has been completed/ substantially completed in some districts; inputs of key/non-key staff has been on the stage of under/over utilized; additional technical human resources needed in some districts to cover large no. of contract packages. To address the above issues, it is recommended to readjust the existing input to accelerate the construction progress with quality, by 15 January 2019.

14. **DRR aspects in school sites** - The Mission noticed some school sites face risk of slope failure and difficult access for disable children to basic facilities. The Mission has recommended to arrange slope stabilization works for school sites where such stabilization is required, and to provide required ramps for school sites with sloping terrains to facilitate movement of disabled students and teachers requiring a wheel chair.

15. **Insufficient WASH facility**- Although this issue was highlighted since the mid-term review mission in August-October 2017, concrete actions to address the issue have not yet been taken up. Out of 154 schools, 65 schools have water supply issues and to address it, preliminary survey has been carried out by CLPIU with an estimate of about NRS130 million, including material, labor and technical design and supervision charge With most of the schools to be completed by end-June 2019, urgent action is required to allocate required budget from GON source in order to expedite water supply and sanitation works to disaster-resilient standards with sex-segregated toilets.

16. **Poor quality of toilet facilities**- Mission team observed issue of functionality of toilet facilities due to poor quality sanitary ware, improper workmanship/ installation of sanitary items, incomplete facilities for disable people toilet, anti-slope, poor drainage and inadequate water supply. The Mission recommended to improve the quality of sanitary works before issuing the completion certificates for each school.

17. **Improper Height of working platform of Science Lab**- There has been serious issue of functionality of science lab facility. The height of working platform of science lab is found inadequate (too low height compared to the standard and age of users). The Mission recommended to complete the rectification work before issuing completion certificates.

18. **Weak Contract Administration in schools**. The Mission noted weak contract administration by the CLPIU and DLPIU despite provision of procurement specialist under DSC to support on procurement and contract management, as detailed in Attachment 8. Almost all the contract packages have the civil work undertaken before the approval of the contract variation. The request of extension of time for civil works have been submitted after the expiry date of the contract. The justification of time extension has not been related with the daily workforce tracking which is readily available to the CLPIU through DSC. Having foreseen such cases, ADB has communicated all CLPIUs in January 2018 not to exercise such practices, the compliance is still minimal. It has been treated as if it is a normal practice despite its substantial fiduciary risk and difficulty in administering the allocated fund in the component. The Mission communicated with

the CLPIU to strongly discourage the practice and agreed: (i) no more contract variation after the contract expiry date will be accepted by ADB and (ii) all works under contract variation will be completed by the revised physical completion date.

19. **Handing-over and sustainability of completed schools** - Reconstructed school buildings are being handed over to the municipalities to assume the O&M liabilities. The CLPIU is still to obtain formal commitments from the municipalities to assume the O&M liabilities before or at the time of handing-over. The mission recommends CLPIU to obtain a formal commitment from concerned municipalities to assume the O&M liabilities for reconstructed schools before or at the time of handing-over.

B Strategic Road Rehabilitation

20. **Overall Physical Progress** – Progress under all six contracts remained poor since the review mission early this year, resulting in an overall physical progress of only 41% by 15 December 2018 (Attachment 6). Insufficient resources mobilized by the contractors, especially in terms of work force continues to be the principal reason for the poor progress. Delay in completing resettlement payments, tree clearing, and shifting of utility infrastructure also has contributed to the delays in the case of the Dhading – Gorkha (D-G) road contracts and the Panchkhal-Melamchi (P-M) road contract. Furthermore, the prolonged vacancy of DOR’s project manager position for the DG road contributed to the delays. None contracts seem to be completed before 31 March 2019; completion of 5 contracts may become critical and 1 contract may become highly critical (Attachment 7).

21. **Social safeguard issues** – Since the review mission earlier this year, limited progress in the implementation of resettlement plans (RPs) for the DG and PM subprojects has been made. During Q2, progress was made but it stalled during Q3 resulting in an overall progress of 40% by end-November 2018. Progress in compensation payments were affected by the long absence of the project managers. While urgent for both roads, full RP implementation is most urgently required for the PM subproject for acceleration the construction progress under this highly critical road contract.

Decision/ agreed actions:

- (i) The PD office/CSE to update resettlement plan and submit to ADB by 31 January 2019*
- (ii) PD Office to substantially complete compensation payments by end of March 2019;⁹*
- (iii) PD Office to continue to ensure that contractors do not to take physical possession prior to compensation payment; and*
- (iv) PD Office to continue to provide ADB on fortnightly basis information about progress in compensation payments.*

22. The progress in compensation payment and deed transfers remains unsatisfactory under two out of the three strategic road subprojects (Attachment 9). The mission noted that the mobilization of one additional social mobilizer would be appropriate to accelerate of RP implementation to Department of Roads in Dhading – Gorkha section. Similarly, it was noted that CDC meeting to compensate affected private structure is yet to be held for Dhading-Gorkha and

⁹ A minimum of 70% of total payment is considered as “substantial”.

Panchakal – Melamchi road. With the Mission reiterating ADB’s serious concern in the delay in compensation payments, the PD Office agreed to implement the actions summarized in attachment.

23. **Tree cutting issues:** – Tree clearing is not required for the DS subproject. The tree clearing plan for the DG has been approved and tree clearing completed. In the case of the PM subproject, Tree clearing is still due in Sindhupalchowk section of P-M road only. The Mission noticed that tree clearing agreements have been reached with all four community forest groups and the tree clearing plan for this section has been submitted to concerned departments/ministries for approval. The Mission recommended getting approval at an earliest and clear tree by 31 March 2018 for smooth execution of construction works.

C District roads rehabilitation

24. **Overall physical progress**– The overall physical progress under this component stood at 60% by 15 December 2018 (Attachment 6). Three contracts have been already completed (total length 24.29 km). Insufficient resources mobilized by the contractors continued to be the main reason together with delays in tree clearing approval and compensation payments. 3. Out of remaining 18, none contracts seem to be completed before 31 March 2019; completion of 14 contracts may become critical and 4 contacts may become highly critical (Attachment 7).

25. **Safeguard issues:** – Although progress has been made in RP implementation, overall progress remains unsatisfactory with 40% of the compensation payments made and 30% of the deeds transferred (Attachment 9). RP implementation is substantially completed for only three subprojects out of the 16 subprojects with RPs. Considering the construction stage, acceleration of RP implementation is urgently required for the following six subprojects: Khopasi-Dhungakharka-Boran (Kavre); Thaiba-Godamchaur (Lalitput), Haldebesi-Dhibi-Dhandebesi (Ramechap), Pipal Bhanjyang - Haitar - Netrakali (Sindhuli), Garma - Nele -Bogal Road (Solukhumbu), and Luitel - Aappipal - Bhachek (Gorkha).

Decision/ agreed actions:

- (i) NRA/CLPIU to ensure adequate budget for the compensation payments under all subprojects by end of December 2018;*
- (ii) All DLPIUs to ensure that contractors do not take possession of land and assets for which compensation has not yet been paid;*
- (iii) The CLPIU/CISC to update resettlement plan and submit to ADB by 31 January 2019;*
- (iv) DLPIUs to substantially complete compensation payments by end March 2019;¹⁰*
- (v) CLPIU to continue to provide ADB on fortnightly basis information about progress in compensation payments.*

26. **Tree Clearance Issue** – Tree clearing plans have been approved for the 13 subprojects requiring tree clearing except for the Kuntabesi-Nayagaun-Nagarkot subproject. Tree clearing for the other 12 subproject has been completed. Mission has been informed that the CLPIU had re-

¹⁰ A minimum of 80% of total payment is considered as “substantial”.

submitted the tree clearing plan for this subproject to the DOFSC. Mission recommend getting approval from concerned authority at an earliest and clear tree by 31 March 2019 for smooth execution of construction works.

27. **PCR preparation: engagement of a Transport Economist (Rural Roads)** – The CLPIU is to prepare a PCR for the district road subprojects. As part of the PCR preparation, the socio-economic benefits of subprojects are to be assessed on ex-post basis for which the services of a national transport economist are required. Since a draft PCR is to be ready by the time of ADB's last review mission, most likely in August-September 2019, the economist is to be engaged/ mobilized at the latest in June-July 2019. The TOR of the transport economist are in Attachment 10.

D. Government office building reconstruction

28. **Overall physical progress**-The overall physical progress under this component stood at 65% by 15 December 2018 (Attachment 6). Insufficient labor resources mobilized by the contractors continues to be the main reason for the delays with delays in site position and the need for design adjustments also contributing to delays under some contracts. 2 contracts seem to be completed before 31 March 2019; completion of 12 contracts may become critical and 3 contact may become highly critical (Attachment 7).

Common issues and agreed actions relevant to all components

29. **Quality Issues in Reconstruction** - While visiting construction sites, the Mission observed number of quality issues in reconstruction; the use of bamboo props instead of steel props; poor quality of sand; and no regular test at site and lack of authentic test reports at the school site of Okhaldhunga. In the road component, the Mission observed the poor-quality stone masonry retaining wall and gabion wall; lack of regular and proper supervision; and storage of rejected sub base/ base course materials at the material yard. The Mission discussed contract-specific quality issues with the construction supervision teams and contractors' representatives, and corrective actions were agreed (Attachment 11).

30. **Quality cases in PMIS** – The Mission noticed that out of total of 1098 quality cases registered in PMIS, only 758 cases have been resolved and 340 cases are still unresolved. The unresolved cases are due to lack of proper correction, timely response and instant reporting to the system. While reviewing the PMIS quality case, majority of the cases registered were reinforcement detailing, form work quality, material quality and test reports, workmanship (line and level, concrete quality, masonry quality), stone masonry wall, toilet, doors and windows and finishing items. It was agreed that the pending cases should not cross by more than 10 percent of the registered cases by the end of January 2019.

Component wise case status as of 26 December 2018 is tabulated below.

S. No.	Component	Total cases registered	Resolved cases	Pending Cases
1	Schools	588	409	179
2	Government Buildings	388	311	77
3	Strategic Roads	25	13	12
4	District Roads	97	25	72
	Total	1098	758	340

31. **Safety and Environmental Management** - The Mission observed that at several sites, workers had been provided with only limited safety gear and construction sites lack the required cautionary signboards and ribbons. The Mission also observed inadequate dust control. Regarding the implementation of EMP, the Mission noted environmental safeguards compliance issues according to project components (Attachment 12).

Decision/ agreed actions:

- (i) DLPIUs to ensure that contractor site representatives are provided with a copy of the relevant IEE and EMP;
- (ii) DLPIUs/ DISCs teams to ensure that (a) required dust control measures are taken, especially for road sections passing through settlements, and (b) spoil disposal management plans are prepared and implemented;
- (iii) DLPIUs/ DISCs teams to ensure that at all construction sites sufficient safety gear are provided to laborers and required cautionary signboards and ribbons are placed around construction sites by contractors

32. **Gender equality and Social Inclusion Action Plan**- The Mission assessed the overall progress towards implementation of activities under GESI Action Plan (GESI-AP in Attachment 13). Among 13 activities listed in the GESI-AP, 9 activities are ongoing (69%) and 4 are completed (31%). Likewise, out of 18 total targets (both qualitative and quantitative), 5 targets are achieved (28%), 9 targets are on track (50%) and 4 targets are not on track (22%). In 8 quantitative targets, 1 is achieved (12.5%), 4 targets are partially achieved (50%) and 3 targets are not achieved (37.5%).

33. Activity under capacity building for disaster preparedness and emergency with target of 50% women and girl's participation has just commenced. The percentage of women in construction work is 5.78% and 9.18% in strategic roads and district roads against GESI AP target of 20%. Compensatory tree plantation work (with 20% women employment target) has just started.

34. The mission discussed the current progress with CLPIU GESI consultants/focal persons and the issues in current GESI AP QPR reporting. The mission requested CLPIU GESI team to provide qualitative information from field on the GESI activities mentioned in GESI AP in the next quarterly progress report.

35. **Changes in implementation arrangements** – The mission noted that NRA has formally assumed the full implementation responsibility for outputs 1 as CLPIU (Education), Output 3 as

CLPIU (Building) and Output 2 – as CLPIU – (GMaLI). DOR through its PD Office remained the IA for output 2 – strategic roads.

36. **Informing/ seeking ADB approval for Time Extensions and Contract Variation Orders**-The Mission reiterated ADB’s request to provide ADB copies of approved EoTs and variations together with the justification(s) to facilitate the update of contract information in ADB’s Procurement Review System. The Mission also reminded the CLPIUs/PD Office that the following variations require ADB prior approval: (a) an EoT beyond the loan closing date and with material extension; and (b) modifications to contract terms and conditions without or with a change in the original contract amount.

37. **Completion certificates and as-built drawings** – The Mission noticed that although 14 schools were handed over but not issued with work completion certificates. The Mission raised concern over the delay in issuing completion certificate of already handed over schools. The Mission recommended to issuance of the completion certificate as per relevant contract clause. The Mission advised EA/IAs to obtain as-built drawings from contactors after the issuance of the completion certificate as per relevant contract clause.

38. **2019 contract awards and disbursement projections** – The Mission prepared annual CA and D projection for the year 2019 in consultation with all implementing agencies. As there were no more contracts to be awarded, there will be no target related to contract award. The total disbursement target for the loan and grant will be \$75.12 million and \$1.65 million respectively. The quarterly breakdown of each component is tabulated here-under and it has been agreed to meet all the targets prior to respective project closing date. If necessary, detail projection may be carried out during the first month of the year 2019.

S.N.	IA	Financial Projection-IA wise. (year 2019)				Total
		Quarter-1	Quarter-2	Quarter-3	Quarter-4	
	EEAP (L3260)					
1	CLPIU Education	2.57	7.71	11.56	3.85	25.69
2	CLPIU Building	2.08	4.17	5.56	2.08	13.89
3	CLPIU GMaLI	1.88	5.63	7.50	3.75	18.76
4	PD (ADB) DOR	1.68	3.36	5.03	6.71	16.78
	Total	8.21	20.86	29.65	16.40	75.12
5	EEAP-AF (G0529)	0.15	0.60	0.90	-	1.65
	Grand Total	8.36	21.46	30.55	16.40	76.77

39. **PCR preparation** – The CLPIUs/ DOR PD are to prepare a draft PCR for their output prior to the last EEAP review mission, most likely in September 2019. The respective DSC/CSC/CISC

are to assist in preparing the PCRs as per ADB requirements¹¹ which require in the case of strategic and district road components economic analyses. The first 2019 review mission will provide further guidance on PCR preparation.

40. **Variations to individual/consulting firms' contracts** – Taking into account the projected physical completion dates of each of the four components and the current completion dates of the consulting services contracts, the contracts with the consulting firm/individual consultant needs to be extended through a contract variation. This variation may also need to include re-alignments/ adjustments in current positions and/or additional inputs to ensure that adequate support is provided to the CLPIUs/PD Office for the issuance of completion certificates of the civil works contracts, the preparation of PCRs and the component's financial closure.

41. **Need to Improve Consultants' Performance** - The Mission assessed that the performance of the all consulting firms needs improvement in terms of design, contract management and supervision. At several sites, delays in adjusting designs to actual site conditions and addressing design issues which emerge during construction cause construction delays. Furthermore, disaster risk reduction (DRR) and other aspects have not been adequately considered for the design of some schools. The performance of Res/DTLs in terms of contract administration and management requires improvement. Moreover, EoTs are being processed with delays, even after the date of contract completion. Also, services of some key experts have not been efficiently used resulting in, among other things, delays in the preparation of due diligence reports and minimal number of site visits by the safeguards specialists as well as by the water supply/ sanitation engineer. The quality of quarterly progress reports prepared by the consultant team is poor.

Decision/ agreed actions:

- (i) *CLPIU to agree with the consultant management team with actions to address the design, contract management and supervision performance issues; ADB to be informed about the agreed actions by 15 January 2019.*

42. While visiting construction sites, the Mission discussed contract-specific construction progress as well as quality issues with the construction supervision teams and contractors' representatives, and corrective actions were agreed (Attachment 11).

¹¹Project completion report format is available at: <http://www.adb.org/Consulting/consultants-toolkits/PCR-PublicSector-Landscape.rar>

III. CONCLUSIONS

43. Implementation progress since the February-April 2018 review mission has been slower than anticipated at that time thereby creating a significant challenge to complete the project during 2019. Progress under the school component has been satisfactory resulting in an overall construction progress of 77% by mid - December 2018. Progress under the other three components has been less satisfactory. Overall construction progress under the district road and office building components reached 60% and 65%, respectively, while progress under the strategic road component reached only 41%. A drastic acceleration progress under the latter component is required to achieve substantial completion by 23 June 2019 and full completion before the loan closing date on 31 December 2019.

44. Of the 95 contracts, 10 contracts are completed/ substantially completed. Almost all 85 ongoing contracts are behind the original schedule. Out of 18 highly critical contracts 4 contracts have the original completion dates beyond 23 June 2019 and remaining 14 contracts have the slow progress due to insufficient resources mobilized by contractors. This is compounded by poor contract management and administration as well as non-enforcement of contract conditions. This situation requires that the CLPIUs/ DOR PD Office and the construction supervision consultants exercise proactive contract management, more effective site supervision, timely contract administration decisions, and better enforcement of contract conditions.

45. Accelerating resettlement implementation related to road subprojects remains high priority to ensure that ADB's safeguards are fully complied with and contractors are given unhindered access to all construction sites. Obtaining approval of the tree clearing plan from the Cabinet for the Sindhupalchowk section of the PM road and Kuntabesi- Nagarkot road subproject is a high priority.

46. Addressing the water supply issues for 65 schools has now become a critical issue. To ensure the functionality of the constructed toilets for these schools, the agreed timelines to finalize designs, cost estimates and procurement of materials and equipment are to be followed.

IV. ACKNOWLEDGEMENT

The Mission appreciates the assurances of the NRA, the CLPIUs/PD Office that the progress in undertaking the agreed actions will be closely monitored. The Mission expresses its appreciation to the Government, and the staff of the CLPIUs/ PD Office and the DLPIUs as well consultants for the support provided to the Mission.

The Mission requests confirmation of this Aide Memoire by 15 January 2019.

Naresh Giri
Mission Leader, Sr. Project Officer
Nepal Resident Mission
Asian Development Bank

List of Attachments

1. List of Key Persons Met
2. Project Implementation Status
3. Contract awards and Disbursements (2018)
4. Compliance with Loan Covenants
5. Fund Utilization Tables
6. Progress status Compiled
7. List of Critical & Highly Critical Contract
8. List of contracts with Poor contract management
9. Resettlement Plan Implementation
10. TOR-Transport Economist
11. Environmental Safeguards Compliance Status
12. Issues and Agreed actions
13. GENDER ACTION PLAN and Implementation Progress

List of Key Persons Met

National Reconstruction Authority

Mr. Sushil Gyawali	Chief Executive Officer
Mr. Arjun Kumar Karki	Secretary
Mr. Dibya Raj Pokhrel	Section Head (Development Cooperation Coordination Section)

Ministry of Finance

Ms. Anita Bhattarai	Section officer, International Economic Cooperation Coordination Division
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School Component

Central Level Project Implementation Unit (CLPIU) Education

Mr. Ima Narayan Shrestha	Project Director
Mr. Dilip Shekhar Shrestha	Deputy Project Director
Ms. Gyanendra Raj Ojha	Chief Account officer
Mr. Ashok Adhikari	Engineer
Mr. Bishnu Poudel	Engineer
Mr. Suraj Parajuli	Engineer

Design Supervision Consultant (DSC)

Mr. Buddhi Sagar Thapa	Team Leader
Mr. Prem Aryal	Senior Construction Supervision Engineer
Mr. Birendra Mahaseth	Contract Management Specialist
Mr. Prakash Panday	Resettlement/ Social Safeguard Specialist
Ms. Prekshya Singh	Resident Engineer, Kathmandu
Mr. Prajwal Bhandari	Resident Engineer, Kathmandu
Mr. Thalesh Purve	Resident Engineer, Okhaldhunga
Mr. Nabaraj Karki	Resident Engineer, Sindhuli
Ms. Ranjana Pokharel	Architect
Mr. Ravi Kumar Thakur	Engineer

District Level Project Implementation Unit Education (Okhaldhunga)

Mr. Dilli Ram Luitel	Unit Chief
Mr. Om Prasad Gautam	Section Officer
Mr. Sabin Lama	Engineer

District Level Project Implementation Unit – Education (Sindhuli)

Mr. Dambar Dhvaj Angdembe	Unit Chief
Mr. Anil Yadav	Engineer

District Level Project Implementation Unit - Education (Makawanpur)

Mr. Prem Bdr K.C.	Unit Chief
Mr Sandeep Adhikari	Engineer
Mr. Satya Narayan Chaudhary	Sub Engineer

District Level Project Implementation Unit - Education (Dhading)

Mr. Nabaraj Khatiwada Unit Chief
Mr. Nirmal Bogati Engineer
Mr. Makeswor Sah Sub Engineer

Shree Rumjatar Secondary School – Okhaldhunga

Mr. Gokarna Baniya Head teacher
Mr. Kishor Bdr Katwal Vice Head teacher
Mr. Sudarshan Gurung Teacher
Mr. Ganga Ram Gurung Chairperson, School Management Committee
Ms. Sharmila Dahal Member, School Management Committee

Shree Panitanki Secondary School - Sindhuli

Mr. Lokmani Timilsina Head teacher
Mr. Indra Bdr Bhujel Chairperson, School Management Committee

Shree Janapriya Secondary School - Makawanpur

Mr. Nawaraj Aryal Head teacher
Mr. Loknath Chaulagain Chairperson, School Management Committee

Shree Neelkantha Secondary School - Dhading

Mr. Bishnu Prasad Silwal Head teacher
Ms. Kopila Simkhada Member, School Management Committee

Contractor – Schools (Okhaldhunga)

Mr. Rajendra Baskota District manager (Marushin Shitaka)
Mr. Kishor Kumar Dangol District Coordinator (Marushin Shitaka)
Mr. Kumar Bahadur Wagle District Manager (Shyamsundar-Jayanti-NB JV)
Mr. Sheshan Rizal Engineer (Sunkoshi/ World wide JV)
Mr. Keshav Mahat Representative (Sunkoshi/ World wide JV)

Contractor - Schools (Makawanpur)

Mr. Ujjwal Raj Baniya Project Manager (Swachhand – Baniya JV)
Mr. Dipesh Chaudhary Site Incharge (Swachhand - Baniya JV)

Contractor – Schools (Dhading)

Mr. Padam Bahadur Shrestha Authorized Representative (Kankai International Pvt Ltd)
Mr. Rameswor Tandukar Site In charge (Kankai International Pvt Ltd)

Government Building Component**Central Level Project Implementation Unit (CLPIU) Building**

Mr. Navaraj Pyakurel Project Director
Mr. Raju Neupane Deputy Project Director
Mr. Bhuban Kafle Chief Account Controller
Mr. Surendra Baidhya Engineer

Mr. Khagendra Raj Awasthi Monitoring & Evaluation Expert
Mr. Ashwin Dhakal Management Information System Expert

Construction Supervision Consulting Team- TAEC, SILT, TSC

Mr. Jagdish Chaudhary Structural Engineer
Mr. Abhishek BC Environment. Social Safeguard Expert
Mr. Chandrika Prasad Shah Construction Supervision Engineer, Dhading
Mr. Kopish Kishor Khadka Asst. Engineer Dhading
Mr. Gayananda Chaudhary Construction Supervision Engineer, Sindhuli
Mr. Chandan Mishra Asst. Engineer, Sindhuli
Mr. Rabi Kumar Shah Construction Supervision Engineer, Okhaldhunga

District Level Project Implementation Unit (DLPIU)- Building (Okhaldhunga)

Mr. Prabhakar Lal Karna Chief
Mr. Sushil Chaudhary Engineer

District Level Project Implementation Unit- Building (Sindhuli)

Mr. Prabhakar Lal Karna Chief

District Level Project Implementation Unit - Building (Dhading)

Mr. Kosh Nath Adhikari Chief
Mr. Bikram Khayamali Civil Engineer
Mr. Maha Prasad Rijal Computer Engineer
Mr. Thaneshwor Pokharel Sub Engineer

Contractors

Mr. Padam Bahadur Shrestha Authorized Rep. Contractor (Kankai Internation Pvt Ltd)
Mr. Rameshwar Tandukar Engineer (Kankai International Pvt Ltd)
Mr. Kailash Ghimire Authorized Representative (Lumbini-Danfe JV)
Mr. Daman Ranabhat Engineer (Lumbini-Danfe JV)
Mr. Shambhu Pd. Ghimire Authorized Representative (Lumbini-Danfe JV)
Mr. Gyaneshwor Adhikari Authorize representative (Lumbini Danfe JV)
Mr. Deepak Bdr Karki Authorize rep. (Lumbini Sidhhababa Dhulikhel JV)
Mr. Resam Shrestha Representative (Shiva Shakti Biruwa Jv)
Mr. Ram Hari Bhandari Representative (Shiva Shakti Biruwa Jv)

District Road Component

Central Level Project Implementation Unit -GMaLI

Mr. Ganesh Raj Osti Project Director
Mr. Amrit Shrestha Deputy Project Director
Mr. Sushil K. Shrestha Engineer
Mr. Raj Bahadur Khadka Construction Supervision Engineer
Mr. Indu Dhakal Contract Management Specialist

Swiss Agency for Development and Cooperation (SDC)

Ms Jun Hada Senior Programme Officer
Mr. Sushil Shrestha Governance and Development Officer

Central Implementation Support Consultant

Mr. Neelan Prajapati	Deputy Team Leader
Mr. Lekha Pd. Chaulagain	Planning, Monitoring & Reporting Manager
Mr Govinda Prasad Kaphle	Sub-engineer

District Level Project Implementation Unit - GMaLI – Okhaldhunga

Mr. Bijaya Mani Bajracharya	Project Manager
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District Implementation Support Consultant – Okhaldhunga

Mr. Ganga Ram Koirala	District Team Leader
Ms. Hom Kumari Gurung	Social Safeguard Officer
Mr. Dilli Sher Rai	Sub- Engineer

District Level Project Implementation Unit - GMaLI – Solukhumbu

Mr. Hem Kumar Rai	Member of Parliament
Mr. Buddhi Kumar Rajbhandari	Member of the Provincial Assembly (Province 1)
Mr. Asim Rai	Chair person, Thulung Dudhkausika Rural Municipality
Mr. Bishnu Lamichhane	Project Manager
MR. Buddhi Narayan Shrestha	Engineer
Mr. Rameshwor Pokhrel	Account Officer
Mr. Suman Humagain	Engineer

District Implementation Support Consultant – Solukhumbu

Mr. Kapil Thakur	District Team Leader
Ms Sarala Adhikari	Social Safeguard Officer

District Level Project Implementation Unit - GMaLI – Chitwan

Mr. Pushkar Pd. Pokharel	Project Manager
Mr. Birendra Kumar Chaudhary	Engineer

District Implementation Support Consultant – Chitwan

Mr. Surya Bahadur Rana	District Team Leader
Ms Amita Sarki	Social Safeguard Officer

Mr. Sushil Shakya	Sub Engineer
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Contractor

Mr. Lekhjung Thokar	Tamang-Kumar JV (Authorized Representative)
Mr. Tej Narayan Shrestha	Swachchhanda -Rautaha J/V (Authorized Representative)
Mr. Rohit Bhattarai	Ashish-CM JV (Deputy Contract Manager)

Strategic Road Component**Project Directorate (ADB) - DOR**

Mr. Dipak Shrestha	Project Director
Mr. Suresh Poudel	Deputy Project Director
Mr. Pradeep Raj Shakya	Engineer

Construction Supervision Consultant (ITECO-TMS JV)

Mr. Yoganand Yadav	Team Leader
Mr. Puspa Raj Bhatta	Resident Engineer
Mr. Chintamani Sharma	Social Development and Resettlement Expert
Mr. Ashok Devkota	Assistant Resident Engineer
Mr. Navaraj Pokharel	Environment Safeguard Expert
Mr. Ramesh Lal Shrestha	Material Engineer

Contractor (Dhading – Gorkha Road)

Mr. Pitambar Badu	Lama Construction Pvt Ltd (Authorized Representative)
Mr. Keshab Thokar	Nepal Adarsha – Tamang JV (Contract Manager)
Mr. Arjun Bhattarai	Bajraguru-Synergy JV (Contract Manager)
Mr. Bholu Pd. Marahatta	Bajraguru-Synergy JV (Quality Control Engineer)
Mr. Sujun Shrestha	Bajraguru-Synergy JV (Site Engineer)

Project Implementation Status Output wise
(As of 25 December 2018)

Output 1 – School buildings

Taking into the current focus on rebuilding of secondary schools, about 154 schools can be rebuilt within the current fund allocation. The progress is as follows:

- Survey work completed for 230 schools;
- Design and bid documents completed for 203 schools;
- Procurement of 51 contracts for 154 schools completed;
- Work in progress for 126 schools;
- 28 schools completed;

Output 2 – Strategic roads: three subprojects –

- Dolakha- Singati subproject: work in progress under single contract;
- Dhading-Gorkha subproject: work in progress under all 4 contracts;
- Panchkhal-Melamchi subproject: work in progress under single contract.

Output 2 – District roads

Within the currently allocated project funds, 17 road subprojects can be rehabilitated. The progress is as follows:

- Detailed project reports/ designs completed for 17 subprojects;
- Procurement of 21 contracts completed;
- Work in progress under 18 contracts for 14 subprojects;
- Three subprojects/contracts completed.

Output 3 – Government Buildings

Within the currently allocated project funds, about 70 office buildings (58 main blocks and 12 annexes) can be rebuilt and some 61 office buildings retrofitted and/or repaired.

Transitional office buildings:

- Construction of 288 temporary office buildings completed.

Rebuilding of 70 offices:

- Designs for 76 office buildings completed;
- Procurement of 17 contracts completed for 70 office buildings (58 main blocks and 12 annexes);
- Work ongoing under all contracts for 66 office buildings (55 main blocks and 11 annexes);
- Work completed for 4 office buildings (3 main blocks and 1 annex).

Retrofitting/ repairs of 61 offices:

- Design completed for 61 buildings
- Procurement of 9 contracts completed;
- repairs of of 61 buildings completed.

Output 4 –

- 283 implementation agency staff of CLPIUs and DLPIUs trained in earthquake resilient design and construction of buildings and in safeguard requirements;
- 82 SMC members trained on school reconstruction monitoring.

Contract awards and Disbursements Projections and Achievements for the year 2018.

S.N.	IA		Q1	Q2	Q3	Q4	Total
A. EEAP (L3260)							
A1	MOE	Target	6.71	7.08	7.17	5.35	26.31
		Achievement	6.87	7.13	5.56	12.96	32.53
A2	MOUD	Target	1.85	2.44	3.09	2.48	9.86
		Achievement	2.05	1.47	2.02	2.95	8.49
A3	MOFALD	Target	3.73	4.25	4.53	4.10	16.60
		Achievement	3.22	4.72	2.83	2.78	13.55
A4	DOR	Target	2.25	2.44	4.82	2.44	11.96
		Achievement	2.01	1.13	2.16	1.84	7.14
Total of EEAP		Target	14.54	16.21	19.60	14.38	64.73
		Achievement	14.15	14.45	12.57	20.54	61.71
B. EEAP- Additional Financing (G0529)		Target	0.85	0.85	1.69	1.37	4.76
		Achievement	1.31	-	1.69	1.37	4.37
Grand Total		Target	15.39	17.06	21.29	15.75	69.49
		Achievement	15.46	14.45	14.26	21.91	66.08

Compliance with Loan Covenants:
(as of 25 December 2018)

Covenants	Status
<p>Loan Agreement Section 4.02. The Borrower shall (i) maintain separate accounts and records for the Project; (ii) prepare annual financial statements for the Project in accordance with accounting principles acceptable to ADB; (iii) have such financial statements audited annually by independent auditors whose qualifications, experience and terms of reference are acceptable to ADB, in accordance with International Standards on Auditing or the national equivalent acceptable to ADB; (iv) as part of each such audit, have the auditors prepare a report (which includes the auditors' opinion on the financial statements, use of the Loan proceeds and compliance with the financial covenants of this Loan Agreement as well as on the use of the procedures for imprest fund(s) and statement of expenditures) and a management letter (which sets out the deficiencies in the internal control of the Project that were identified in the course of the audit, if any); and (v) furnish to ADB, no later than 9 months after the end of each related fiscal year, copies of such audited financial statements, audit report and management letter, all in the English language, and such other information concerning these documents and the audit thereof as ADB shall from time to time reasonably request.</p>	Being complied with
<p>Loan Agreement Section 4.02. (c) The Borrower shall enable ADB, upon ADB's request, to discuss the financial statements for the Project and the Borrower's financial affairs where they relate to the Project with the auditors appointed pursuant to subsection (a)(iii) here in above, and shall authorize and require any representative of such auditors to participate in any such discussions requested by ADB. This is provided that such discussions shall be conducted only in the presence of an authorized officer of the Borrower, unless the Borrower shall otherwise agree.</p>	Not yet applicable
<p>Loan Agreement Section 4.03. The Borrower shall enable ADB's representatives to inspect the Project, the Goods and Works, and any relevant records and documents.</p>	Being complied with
<p>Schedule 4-3 <u>Goods and Works</u> Except as ADB may otherwise agree, Goods and Works shall only be procured on the basis of the methods of procurement set forth below:</p> <ul style="list-style-type: none"> (a) International Competitive Bidding (b) National Competitive Bidding (c) Shopping; and (d) Direct Contracting 	Being complied with
<p>Schedule 4-4 <u>Goods and Works</u> The methods of procurement are subject to, among other things, the detailed arrangements and threshold values set forth in the Procurement Plan. The Borrower may only modify the method of procurement or threshold values with the prior agreement of ADB, and modifications must be set out in updates to the Procurement Plan.</p>	Being complied with
<p>Schedule 4-5 <u>Domestic Preference</u> The Borrower may grant a margin of preference in the evaluation of bids under international competitive bidding in accordance with paragraphs 2.55(a) and 2.56 of the Procurement Guidelines for domestically manufactured Goods.</p>	Not applied

Covenants	Status
<p>Schedule 4-6 <u>National Competitive Bidding</u> The Borrower and ADB shall ensure that, prior to the commencement of any procurement activity under national competitive bidding, the Borrower's national competitive bidding procedures are consistent with the Procurement Guidelines. Any modifications or clarifications to such procedures agreed between the Borrower and ADB shall be set out in the Procurement Plan. Any subsequent change to the agreed modifications and clarifications shall become effective only after approval of such change by the Borrower and ADB.</p>	<p>Complied with</p>
<p>Schedule 4-7 <u>Conditions for Award of Contracts</u> The Borrower shall not award any Works contract for a Subproject which involves environmental impacts until the EA or the IAs has:</p> <ul style="list-style-type: none"> (a) obtained the final approval of the EIA/IEE from the Ministry of Science, Technology and Environment (for EIAs)/concerned sector agency (for IEEs) (b) incorporated the relevant provisions from the EMP into the Works contract. 	<p>Partially complied with:</p> <ul style="list-style-type: none"> (a) <u>School and office building subprojects</u>: Environmental screening indicates that the subprojects are category C subprojects. Hence, they do not require IEE <u>Strategic and district road subprojects</u>: complied with (b) Complied with
<p>Schedule 4-8. The Borrower shall not award any Works contract involving involuntary resettlement impacts for a Subproject until the EA or the IAs has prepared and submitted to ADB the final RP for such Subproject based on the Subproject's detailed design, and obtained ADB's clearance of such RP.</p>	<p>Partially complied with:</p> <ul style="list-style-type: none"> <u>Strategic road subprojects</u>: complied with <u>District road subprojects</u>: partially complied with – Out of 17 subprojects- ADB clearance for 3 RPs obtained prior to contract award; all other RPs cleared post contract awards <u>School and office building subprojects</u>: not applicable as land acquisition is not required
<p>Schedule 4-9 <u>Consulting Services</u>. Except as ADB may otherwise agree, and except as set forth in the paragraph below, the Borrower shall apply quality- and cost-based selection for selecting and engaging Consulting Services</p>	<p>Complied with</p>
<p>Schedule 4-10. The Borrower shall apply the following methods for selecting and engaging the specified Consulting Services, in accordance with, among other things, the procedures set forth in the Procurement Plan:</p> <p style="padding-left: 40px;">Consultant Qualifications Selection for Technical Quality Audit</p>	<p>Not applicable - consulting services for technical audit not engaged</p>

Covenants	Status
Schedule 4-11. The Borrower shall recruit the individual consultants for Project implementation start-up in accordance with procedures acceptable to ADB for recruiting individual consultants.	Complied with
<p>Schedule 4-12 <u>Industrial or Intellectual Property Rights</u></p> <p>(a) The Borrower shall ensure that all Goods and Works procured (including without limitation all computer hardware, software and systems, whether separately procured or incorporated within other goods and services procured) do not violate or infringe any industrial property or intellectual property right or claim of any third party.</p> <p>(b) The Borrower shall ensure that all contracts for the procurement of Goods and Works contain appropriate representations, warranties and, if appropriate, indemnities from the contractor or supplier with respect to the matters referred to in subparagraph (a) of this paragraph.</p>	Complied with
Schedule 4-13. The Borrower shall ensure that all ADB-financed contracts with consultants contain appropriate representations, warranties and, if appropriate, indemnities from the consultants to ensure that the Consulting Services provided do not violate or infringe any industrial property or intellectual property right or claim of any third party.	Complied with
Schedule 4-14 <u>ADB's Review of Procurement Decisions.</u> Contracts procured under international competitive bidding procedures and contracts for Consulting Services shall be subject to prior review by ADB, unless otherwise agreed between the Borrower and ADB and set forth in the Procurement Plan.	Complied with
Schedule 5-1. Project is implemented in accordance with PAM.	Substantially being complied with
Schedule 5-2. Borrower make available adequate and timely budgetary allocations, and meet any financing shortfall.	Being complied with
Schedule 5-3. Subprojects are selected and approved in accordance with the selection criteria set out in the PAM.	Complied with
Schedule 5-4. Preparation, design, implementation, and operation of each Subproject comply with applicable laws; the Environmental Safeguards; the EARF; and IEE and EMP.	Being partially complied with
Schedule 5-5. Land acquisition and resettlement activities comply with laws; the Involuntary Resettlement Safeguards; the RF; and the respective RP.	Being substantially complied with
Schedule 5-6. No physical or economic displacement takes place until (a) compensation has been provided in accordance with the RP; and (b) income and livelihood restoration program has been established in accordance with the RP.	<p>Partially complied with</p> <p>Strategic and district road subprojects:</p> <p>(a) partially complied with</p> <p>(b) complied with</p> <p>School and office building subprojects – (a) and (b) not applicable</p>

Covenants	Status
Schedule 5-7. Necessary budgetary and human resources made available to fully implement the EMPs, and the RPs.	<p>Partially being complied with</p> <p>For strategic road subproject – partially complied with due to vacancy of DOR project manager for the DS road</p> <p>For district road subprojects - partially complied with due to delays in holding of CDC meetings and delayed distribution funds</p> <p>For schools and office buildings – substantially complied with; specific budget not allocated; however, EMP implementation require limited resources which contractors are to provide as per standard contract conditions</p>
Schedule 5-8. All bidding documents comply with IEE, EMP, and RP; budget is made available for environmental and social measures; any unanticipated environmental, resettlement or indigenous peoples risks notified by a written notice; and condition of roads, agricultural land and other infrastructure recorded prior to construction.	Partially complied with
Schedule 5-9. (a) A semi-annual Safeguards Monitoring Reports submitted to ADB and disclose relevant information; (b) any unanticipated environmental and/or social risks and impacts reported promptly to ADB; and (c) any actual or potential breach of compliance reported.	<p>Being complied with –</p> <p>(a) Required Semi-annual monitoring reports submitted to ADB</p> <p>(b) and (c) Not applicable</p>
Schedule 5-10. No proceeds of the Loan are used to finance any activity included in the list of prohibited investment activities provided in Appendix 5 of the SPS.	Being complied with
Schedule 5-11. The core labor standards and applicable laws are complied. Bidding documents and contracts require that the contractors (a) comply with applicable labor law and incorporate workplace occupational safety norms; (b) do not use child labor; (c) do not discriminate workers; (d) do not use forced labor; (e) allow freedom of association.	Being complied with
Schedule 5-12. (a) The GESI/AP is implemented; (b) adequate resources are allocated for implementation of the GESI/AP; (c) the bidding documents and contracts comply with the GESI/AP; and (d) progress on implementation of GESI/AP regularly monitored and reported to ADB.	Being complied with.
Schedule 5-13. The Borrower, the EA and the IAs shall (a) comply with ADB's Anticorruption Policy (1998, as amended to date); and (b) cooperate with investigation.	Being complied with

Covenants	Status
Schedule 5-14. The anticorruption provisions are included in all bidding documents and contracts, including the right of ADB to audit and examine the records and accounts of the EA and IAs and all contractors, suppliers, consultants, and other service providers.	Being complied with
Schedule 5-15. Within 6 months after the Effective Date, the Borrower shall prepare a Grievance Redress Mechanism, acceptable to ADB, and establish a special committee to receive and resolve complaints/grievances or act upon reports from stakeholders on misuse of funds and other irregularities, including grievances due to resettlement. The special committee will (a) make public of the existence of this Grievance Redress Mechanism, (b) review and address grievances of stakeholders of the Project, in relation to either the Project, any of the service providers, or any person responsible for carrying out any aspect of the Project; and (c) proactively and constructively responding to them.	Being complied with
Schedule 5-16. Within 6 months after the Effective Date, the EA develop a web-based project performance monitoring and reporting system, including functions for accounting and expenditures, the program implementation, evaluation of impacts, outcomes, outputs and activities for the project and the overall rehabilitation and reconstruction program. The EA will prepare monitoring reports in a pre-approved uniform format for all donors, covering key aspects of the rehabilitation and reconstruction program.	Not relevant anymore - NRA considers that the arrangements it has put in place to monitor and report on the overall reconstruction program to the Government and the donors are adequate. Therefore, the web-based performance monitoring and reporting system envisaged at the time of project approval is not required.

Fund Utilization Table (25 December 2018)

A) L3260

Category Code	Cost Category	Fin.	Allocation (A)	Contracts (B)	Disbursed Contracts (C)	Undisbursed Contracts (D)=(B)-(C)	Uncommitted Amount (E)=(A)-(B)	Undisbursed Balance (F)=(A)-(C)
301	CIVIL WORKS	88	169,674,929.00	152,530,866.23	93,435,837.73	59,095,028.50	17,144,062.77	76,239,091.27
1501	GOODS, SUPPLIES & EQUIPMENT					0.00	0.00	0.00
1502	GOODS, SUPPLIES & EQUIPMENT	100	1,420,572.14	660,786.97	660,786.97	0.00	759,785.17	759,785.17
1503	VEHICLES	100	1,565,069.58	1,170,392.88	1,170,392.87	0.01	394,676.70	394,676.71
2101	CONSULTANCY & CAPACITY DEVT	100	8,881,373.30	6,210,253.60	3,857,430.34	2,352,823.26	2,671,119.70	5,023,942.96
9905	INCREMENTAL RECURRENT COSTS: SUB- ENGR-DOE	100	3,539,513.36	851,917.98	851,917.98	0.00	2,687,595.38	2,687,595.38
6901	INTEREST DURING CONSTRUCTION	100	3,216,944.08	0.00	1,279,258.90	-1,279,258.90	3,216,944.08	1,937,685.18
9301	UNALLOCATED		11,450,851.25			0.00	11,450,851.25	11,450,851.25
9901	ADVANCE ACCOUNT - DOE	100	-14,026.86	0.00	7,900,000.00	-7,900,000.00	-14,026.86	-7,914,026.86
9902	ADVANCE ACCOUNT - DOR	100	38,946.70	0.00	2,910,000.00	-2,910,000.00	38,946.70	-2,871,053.30
9903	ADVANCE ACCOUNT - DOLIDAR	100	22,917.18	0.00	4,300,000.00	-4,300,000.00	22,917.18	-4,277,082.82
9904	ADVANCE ACCOUNT - DUDBC	100	-3,400.12	0.00	3,100,000.00	-3,100,000.00	-3,400.12	-3,103,400.12
	Total		199,793,689.61	161,424,217.66	119,465,624.79	41,958,592.87	38,369,471.95	80,328,064.82

B) G0529

Category Code	Cost Category	Fin.	Allocation (A)	Contracts (B)	Disbursed Contracts (C)	Undisbursed Contracts (D)=(B)-(C)	Uncommitted Amount (E)=(A)-(B)	Undisbursed Balance (F)=(A)-(C)
1600	MISCELLANEOUS GRANT ADMIN. AND SUPPORT COSTS-ADB		250,000.00	250,000.00	0.00	250,000.00	0.00	250,000.00
3201	CIVIL WORKS	88	9,005,000.00	8,213,132.26	7,213,412.02	999,720.24	791,867.74	1,791,587.98
4901	UNALLOCATED		745,000.00	0.00	0.00	0.00	745,000.00	745,000.00
	Total		10,000,000.00	8,463,132.26	7,213,412.02	1,249,720.24	1,536,867.74	2,786,587.98

Progress status Compiled

S.N.	Contract ID	PCSS NO.	Contract Amount (NPR)	VO 1- Amount	New Contract Amount after VO (NPR)	Amount Paid till date (NPR)	Contract Balance Amount (NPR)	Completion Date with EoT	Physical Progress (%)	Financial Progress (%)	Remarks
	EEAP										
1	EEAP/DOE/NCB/03-Kavre-1	0018	98,046,924.09	13,699,593.49	111,746,517.58	111,705,511.90	41,005.68	13-Apr-18	100.0	113.9	
2	EEAP/DOE/NCB/03-Kavre-2	0037	151,655,690.93	20,567,666.99	172,223,357.92	171,524,707.80	698,650.12	13-Apr-18	100.0	113.1	
3	EEAP/DOE/NCB/04-Kavre-3	0040	107,389,397.39		107,389,397.39	90,925,443.36	16,463,954.03	6-Nov-18	88.7	84.7	
4	EEAP/MOE/CLPIU/073/74-Kavre-2	0109	204,089,457.08			149,018,327.49	55,071,129.59	5-Dec-18	84.7	73.0	
5	EEAP/MOE/CLPIU/073/74-Kavre-3	0110	139,078,593.14			121,561,742.66	17,516,850.48	19-Feb-19	82.0	87.4	
6	EEAP/MOE/CLPIU/073/74-Kavre-4	0140	247,778,086.65			209,193,500.43	38,584,586.22	15-Feb-19	84.8	84.4	
7	EEAP/MOE/CLPIU/073/74-Kavre-5	0103	258,713,053.05	23,820,069.56	282,533,122.61	285,052,270.44	(2,519,147.83)	27-Nov-18	83.7	110.2	
8	EEAP/MOE/CLPIU/073/74-Bhaktapur-01	0134	98,573,304.13	4,696,588.00	103,269,892.13	102,785,798.82	484,093.30	6-Nov-18	99.0	104.3	
9	EEAP/DOE/NCB/07-Sindhu-1	0041	141,055,781.04		141,055,781.04	118,179,626.57	22,876,154.47	15-Nov-18	82.3	83.8	
10	EEAP/DOE/NCB/07-Sindhu-2	0042	142,930,432.04		142,930,432.04	79,221,744.82	63,708,687.22	15-Nov-18	81.5	55.4	
11	EEAP/DOE/NCB/07-Sindhu-3	0043	100,571,174.04		100,571,174.04	91,094,672.81	9,476,501.23	15-Nov-18	91.0	90.6	
12	EEAP/MOE/CLPIU/073/74-Sindhupalchowk-05	0104	172,442,582.00		172,442,582.00	39,745,392.73	132,697,189.27	13-Mar-19	65.3	23.0	
13	EEAP/MOE/CLPIU/073/74-Sindhupalchowk-06	0139	83,406,653.34		83,406,653.34	51,478,282.97	31,928,370.37	26-Apr-19	88.0	61.7	

S.N.	Contract ID	PCSS NO.	Contract Amount (NPR)	VO 1- Amount	New Contract Amount after VO (NPR)	Amount Paid till date (NPR)	Contract Balance Amount (NPR)	Completion Date with EoT	Physical Progress (%)	Financial Progress (%)	Remarks
14	EEAP/MOE/CLPIU/073/74-Sindhupalchowk-07		96,659,635.13		96,659,635.13	39,065,347.87	57,594,287.26	18-Dec-18	50.0	40.4	
15	EEAP/MOE/CLPIU/073/74-Sindhupalchowk-08	161	134,426,583.82		134,426,583.82	92,508,601.74	41,917,982.08	24-Dec-18	60.5	68.8	
16	EEAP/MOE/CLPIU/073/74-Sindhupalchowk-09	0138	265,425,935.99		265,425,935.99	98,018,296.30	167,407,639.69	18-Apr-19	73.0	36.9	
17	EEAP/MOE/CLPIU/073/74-Sindhupalchowk-10		54,870,340.06		54,870,340.06	32,182,043.00	22,688,297.06	17-Dec-18	64.0	58.7	
18	EEAP/MOE/CLPIU/073/74-Sindhupalchowk-12	0146	128,177,427.22		128,177,427.22	45,797,399.71	82,380,027.51	11-Dec-18	39.3	35.7	
19	EEAP/MOE/CLPIU/073/74-Sindhupalchowk-13		224,543,714.03		224,543,714.03	60,234,542.70	164,309,171.33	17-Dec-18	47.3	26.8	
20	EEAP/MOE/CLPIU/073/74-Sindhupalchowk-14		90,736,434.90		90,736,434.90	46,792,570.71	43,943,864.19	4-Jan-19	83.0	51.6	
21	EEAP/MOE/CLPIU/073/74-Sindhupalchowk-15		76,836,245.35		76,836,245.35	70,979,643.06	5,856,602.29	25-Dec-18	92.0	92.4	
22	EEAP/MOE/CLPIU/073/74-Ramechhap-1	0058	299,064,493.16		299,064,493.16	273,473,432.47	25,591,060.69	31-Jul-18	100.0	91.4	
23	EEAP/MOE/CLPIU/073/74-Ramechhap-2	0061	317,604,482.03	8,636,216.48	326,240,698.51	326,240,698.51	-	28-Mar-18	100.0	102.7	
24	EEAP/MOE/CLPIU/073/74-Ramechhap-5		59,263,571.65		59,263,571.65	41,251,801.07	18,011,770.58	25-Dec-18	80.0	69.6	
25	EEAP/MOE/CLPIU/073/74-Ramechhap-6		281,474,905.82		281,474,905.82	251,290,723.64	30,184,182.18	25-Dec-18	84.5	89.3	
26	EEAP/MOE/CLPIU/073/74-Ramechhap-7		269,641,828.65		269,641,828.65	233,675,252.26	35,966,576.39	22-Jan-19	83.8	86.7	

S.N.	Contract ID	PCSS NO.	Contract Amount (NPR)	VO 1- Amount	New Contract Amount after VO (NPR)	Amount Paid till date (NPR)	Contract Balance Amount (NPR)	Completion Date with EoT	Physical Progress (%)	Financial Progress (%)	Remarks
27	EEAP/MOE/CLPIU/073/74-Okhaldhunga-1	0097	277,399,536.18		277,399,536.18	233,046,781.25	44,352,754.93	1-Feb-19	70.7	84.0	
28	EEAP/MOE/CLPIU/073/74-Okhaldhunga-2	0078	184,406,456.25		184,406,456.25	157,586,683.07	26,819,773.18	31-Dec-18	84.3	85.5	
29	EEAP/MOE/CLPIU/073/74-Okhaldhunga-3	0098	164,394,071.84		164,394,071.84	45,027,255.01	119,366,816.83	23-May-19	57.5	27.4	
30	EEAP/MOE/CLPIU/073/74-Okhaldhunga-4	0099	210,224,669.75		210,224,669.75	151,393,948.24	58,830,721.51	1-Feb-19	55.5	72.0	
31	EEAP/MOE/CLPIU/073/74-Okhaldhunga-5	0100	228,122,878.75		228,122,878.75	186,243,540.07	41,879,338.68	24-Jan-19	68.7	81.6	
32	EEAP/MOE/CLPIU/073/74-Okhaldhunga-6	0136	152,379,399.78		152,379,399.78	110,224,473.95	42,154,925.83	20-May-19	59.0	72.3	
33	EEAP/MOE/CLPIU/073/74-Okhaldhunga-7	0142	185,074,990.07		185,074,990.07	110,479,962.81	74,595,027.26	3-Dec-18	55.5	59.7	
34	EEAP/MOE/CLPIU/073/74-Sindhuli-1	0111	169,568,997.25		169,568,997.25	131,035,393.01	38,533,604.24	24-Dec-18	96.3	77.3	
35	EEAP/MOE/CLPIU/073/74-Sundhuli-2	0135	162,543,634.40		169,568,997.25	127,067,964.23	35,475,670.17	22-Mar-19	88.0	78.2	
36	EEAP/MOE/CLPIU/073/74-Sundhuli-3	0112	203,886,515.85		169,568,997.25	166,763,865.59	37,122,650.26	24-Dec-18	98.8	81.8	
37	EEAP/MOE/CLPIU/073/74-Sundhuli-4	0133	245,983,732.36		169,568,997.25	233,792,262.53	12,191,469.83	6-Nov-18	100.0	95.0	
38	EEAP/MOE/CLPIU/073/74-Kathmandu-01	0145	244,111,857.31	12,452,474.21	256,564,331.52	128,242,395.68	128,321,935.84	11-Dec-18	65.5	52.5	
39	EEAP/MOE/CLPIU/073/74-Kathmandu-03	0144	221,922,486.46	4,711,257.19	226,633,743.65	119,495,697.71	107,138,045.94	10-Dec-18	60.7	53.8	
40	EEAP/MOE/CLPIU/073/74-Kathmandu-04	0143	153,221,090.59		153,221,090.59	85,052,881.59	68,168,209.00	7-Dec-18	66.0	55.5	

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41	EEAP/MOE/CLPIU/073/74-Dolakha-01	0137	232,290,554.46		232,290,554.46	229,223,236.11	3,067,318.35	29-Nov-18	85.0	98.7	
42	EEAP/MOE/CLPIU/073/74-Dolakha-02		198,041,667.02		198,041,667.02	64,239,621.64	133,802,045.38	17-Dec-18	45.0	32.4	
43	EEAP/MOE/CLPIU/073/74-Dolakha-03		231,143,061.26		231,143,061.26	117,761,923.74	113,381,137.52	14-Dec-18	51.3	50.9	
44	EEAP/MOE/CLPIU/073/74-Dolakha-04		247,503,329.59		247,503,329.59	85,137,331.29	162,365,998.30	25-Dec-18	53.8	34.4	
45	EEAP/MOE/CLPIU/073/74-Dolakha-05		208,639,616.09		208,639,616.09	39,645,219.54	168,994,396.55	19-Dec-18	41.7	19.0	
46	EEAP/MOE/CLPIU/073/74-Dolakha-06		126,830,367.08		126,830,367.08	103,236,904.67	23,593,462.41	19-Dec-18	80.5	81.4	
			8,292,145,639.06	88,583,865.92	8,380,729,504.98	5,857,694,717.57	2,523,034,787.41		79.02	75.26	
	US-AID										
47	EEAP/MOE/CLPIU/073/74-Kavre-1	0113	85,850,596.84		85,850,596.84	85,047,796.46	802,800.37	4-Dec-18	93.7	99.1	
48	EEAP/MOE/CLPIU/073/74-Sindhupalchowk-04	0114	216,497,515.30		216,497,515.30	173,259,224.03	43,238,291.27	21-Feb-19	76.6	80.0	
49	EEAP/MOE/CLPIU/073/74-Ramechhap-3	0080	304,720,065.75		304,720,065.75	320,253,989.90	(15,533,924.15)	30-Oct-18	99.7	105.1	
50	EEAP/MOE/CLPIU/073/74-Ramechhap-4	0081	266,816,807.41		266,816,807.41	254,501,654.51	12,315,152.90	30-Sep-18	100.0	95.4	
51	EEAP/MOE/CLPIU/073/74-Kathmandu-02		131,012,652.69		131,012,652.69	62,349,384.72	68,663,267.97	25-Jan-19	60.5	47.6	
			1,004,897,637.98			895,412,049.6	109,485,588.36		86.1	85.4	
	JFPR										
1	JFPR/MOE/CLPIU/073/74-01		203,238,873.19	25,404,859.15	228,643,732.34	183,777,147.03	19,461,726.16	24-Jan-19	91.0	90.4	
2	JFPR/MOE/CLPIU/073/74-02		169,065,709.87	23,821,358.52	192,887,068.39	97,614,029.89	71,451,679.98	24-Mar-19	81.0	57.7	
3	JFPR/MOE/CLPIU/073/74-03		220,213,797.60	17,617,103.81	237,830,901.41	118,740,536.29	101,473,261.31	7-Apr-19	65.0	53.9	
4	JFPR/MOE/CLPIU/073/74-04		204,759,720.92	16,380,777.67	221,140,498.59	73,720,941.91	131,038,779.01	3-Mar-20	62.0	36.0	

S.N.	Contract ID	PCSS NO.	Contract Amount (NPR)	VO 1- Amount	New Contract Amount after VO (NPR)	Amount Paid till date (NPR)	Contract Balance Amount (NPR)	Completion Date with EoT	Physical Progress (%)	Financial Progress (%)	Remarks
			797,278,101.58	83,224,099.15	880,502,200.73	473,852,655.12	323,425,446.46		74.8	90.4	
	District Roads_MoFALD										
1	NCB-02-2072/073	32	117,173,714.69		117,173,714.69	116,196,247.78	977,466.91	10-Apr-18	100.0	99.2	
2	NCB-01-2072/073	33	184,884,864.03		184,884,864.03	131,195,160.79	53,689,703.24	5-Dec-18	78.1	71.0	
3	NCB-01-2073/074	52	237,130,421.35		237,130,421.35	215,957,729.00	21,172,692.35	5-Jul-18	100.0	91.1	
4	NCB-04-2073/074	53	326,507,751.90		326,507,751.90	204,486,940.81	122,020,811.09	6-Nov-18	75.3	62.6	
5	NCB-05-2073/074	54	397,850,520.77		397,850,520.77	166,423,080.46	231,427,440.31	24-Jan-19	55.6	41.8	
6	NCB-06-2073/074	55	279,233,822.07		279,233,822.07	111,257,153.07	167,976,669.00	3-Feb-19	52.8	39.8	
7	NCB-07-2073/074	66	253,703,151.78		253,703,151.78	143,540,655.08	110,162,496.70	8-Feb-19	58.9	56.6	
8	NCB-08-2073/074	67	58,115,252.57		58,115,252.57	51,710,971.09	6,404,281.48	15-Sep-18	96.8	89.0	
9	NCB-09-2073/074	55	233,953,152.44		233,953,152.44	154,495,425.26	79,457,727.18	23-Jan-19	71.0	66.0	
10	NCB-10-2073/074	56	177,342,475.61		177,342,475.61	108,674,001.39	68,668,474.22	11-Dec-18	67.0	61.3	
11	NCB-11-2073/074	69	248,538,282.48		248,538,282.48	85,372,900.03	163,165,382.45	3-Oct-18	46.9	34.4	
12	NCB-12-2073/074	65	212,247,607.84		212,247,607.84	122,511,080.20	89,736,527.64	27-Nov-18	45.0	57.7	
13	NCB-13-2073/074	70	194,352,160.24		194,352,160.24	93,654,085.06	100,698,075.18	28-Jan-19	56.3	48.2	
14	NCB-14-2073/074	73	198,427,669.28		198,427,669.28	99,574,020.12	98,853,649.16	6-Feb-19	59.4	50.2	
15	NCB-19-2073/074	96	206,814,918.92		206,814,918.92	75,332,872.30	131,482,046.62	29-Nov-18	44.0	36.4	
16	NCB-20-2073/074	95	198,461,714.95		198,461,714.95	107,072,726.35	91,388,988.60	27-Nov-18	70.0	54.0	
17	NCB-21-2073/074	116	220,033,282.21		220,033,282.21	82,937,683.58	137,095,598.63	8-Jan-19	48.0	37.7	
18	NCB-22/2073-074	122	246,703,687.42		246,703,687.42	75,843,780.04	170,859,907.38	20-Jan-19	37.0	30.7	
19	NCB-24/2073-074	123	181,011,375.20		181,011,375.20	42,313,136.62	138,698,238.58	29-Jan-19	32.0	23.4	
20	NCB-27/2073-074	170	205,814,299.28		205,814,299.28	82,445,160.03	123,369,139.25	30-May-19	44.0	40.1	

S.N.	Contract ID	PCSS NO.	Contract Amount (NPR)	VO 1- Amount	New Contract Amount after VO (NPR)	Amount Paid till date (NPR)	Contract Balance Amount (NPR)	Completion Date with EoT	Physical Progress (%)	Financial Progress (%)	Remarks
21	NCB-28/2073-074	163	238,914,340.83		238,914,340.83	58,345,787.84	180,568,552.99	21-Apr-19	28.0	24.4	
			4,617,214,465.86		4,617,214,465.86	2,329,340,596.89	2,287,873,868.97		60.3	53.1	
	Stratagic Roads, DoR										
1	EEAP/ICB/DS/01	17	686,270,810.41		686,270,810.41	330,508,291.01	355,762,519.40	12-Mar-19	57.7	48.2	
2	EEAP/NCB/DG/01	59	341,210,122.72		341,210,122.72	109,262,271.77	231,947,850.95	11-Jan-19	38.8	32.0	
3	EEAP/NCB/DG/02	60	393,160,625.99		393,160,625.99	107,906,609.72	285,254,016.27	11-Jan-19	33.4	27.4	
4	EEAP/NCB/DG/03	79	275,245,262.14		275,245,262.14	64,973,331.74	210,271,930.40	9-May-19	37.9	23.6	
5	EEAP/NCB/DG/04	156	123,919,229.55		123,919,229.55	44,179,504.40	79,739,725.15	5-Apr-19	50.5	35.7	
6	EEAP/NCB/PM/01	155	980,797,544.77		980,797,544.77	226,870,618.59	753,926,926.18	7-Oct-19	29.0	23.1	
			2,800,603,595.58		2,800,603,595.58	883,700,627.23	1,916,902,968.35		41.2	40.4	
	Office buildings										
1	MOUD/CLPIU/Works/2072-073/NCB-05	0036	143,608,216.54		143,608,216.54	76,154,490.98	67,453,725.56	11-Apr-19	70.0	53.0	
2	MOUD/CLPIU/Works/2072-073/NCB-06	0105	82,718,530.21		82,718,530.21	57,316,993.40	25,401,536.81	9-Jun-19	78.5	69.3	
3	MOUD/CLPIU/Works/2072-073/NCB-08	0035	147,869,138.63		147,869,138.63	51,897,028.70	95,972,109.93	29-Mar-19	87.7	35.1	
4	MOUD/CLPIU/Works/2072-073/NCB-09	0108	46,835,441.87		46,835,441.87	26,801,573.63	20,033,868.24	15-Jun-19	75.0	57.2	
5	MOUD/CLPIU/Works/2072-073/NCB-12	0076	153,426,378.74		153,426,378.74	99,151,854.23	54,274,524.51	10-Apr-19	73.0	64.6	
6	MOUD/CLPIU/Works/2072-073/NCB-23	0048	318,117,732.02		318,117,732.02	187,679,456.55	130,438,275.47	17-Dec-18	77.0	59.0	

S.N.	Contract ID	PCSS NO.	Contract Amount (NPR)	VO 1- Amount	New Contract Amount after VO (NPR)	Amount Paid till date (NPR)	Contract Balance Amount (NPR)	Completion Date with EoT	Physical Progress (%)	Financial Progress (%)	Remarks
7	MOUD/CLPIU/Works/2072-073/NCB-27	0086	236,788,646.08		236,788,646.08	98,693,519.00	138,095,127.08	7-Jun-19	48.0	41.7	
8	MOUD/CLPIU/Works/2072-073/NCB-30	0034	132,578,051.11		132,578,051.11	87,466,958.59	45,111,092.52	29-Apr-19	82.0	66.0	
9	MOUD/CLPIU/Works/2072-073/NCB-31	0072	144,971,591.40		144,971,591.40	80,331,648.40	64,639,943.00	13-Jan-19	69.0	55.4	
10	MOUD/CLPIU/Works/2072-073/NCB-33	0115	82,488,692.49		82,488,692.49	55,103,106.69	27,385,585.80	9-Jun-19	71.0	66.8	
11	MOUD/CLPIU/Works/2072-073/NCB-34	0083	181,781,418.65		181,781,418.65	83,407,540.06	98,373,878.59	5-Jun-19	55.0	45.9	
12	MOUD/CLPIU/Works/2072-073/NCB-35	0168	165,414,798.04		165,414,798.04	50,387,766.51	115,027,031.53	22-Nov-19	30.0	30.5	
13	MOUD/CLPIU/Works/2072-073/NCB-37	0049	147,194,117.95		147,194,117.95	102,194,568.88	44,999,549.07	17-Dec-18	87.0	69.4	
14	MOUD/CLPIU/Works/2072-073/NCB-01	0166	212,815,245.73		212,815,245.73	62,001,824.04	150,813,421.69	28-Nov-19	20.0	29.1	
15	MOUD/CLPIU/Works/2072-073/NCB-16	0062	107,640,399.94		107,640,399.94	54,002,771.29	53,637,628.65	13-Jan-19	81.0	50.2	
16	MOUD/CLPIU/Works/2072-073/NCB-17	0075	148,058,538.05		148,058,538.05	58,745,454.00	89,313,084.05	10-Apr-19	64.0	39.7	
17	MOUD/CLPIU/Works/2072-073/NCB-18	0124	205,018,844.23		205,018,844.23	69,850,785.00	135,168,059.23	15-Jul-19	42.0	34.1	
			2,657,325,781.68		2,657,325,781.68	1,301,187,339.95	1,356,138,441.73		65.3	51.0	

List of Critical & Highly Critical Contract
1. Schools (As of 15 Dec 2018)

S. No	Contract ID	Contract details	Contractor	Work start date	Completion date	Physical Target %	Physical progress (%)	Current delay (%)	Remarks
	Highly Critical								
1	EEAP/MOE/CLPIU/074/75-Dolakha- 02	Construction of 4 school buildings in Dolakha	M/S Shyam Sundar-Fewa JV, Kathmandu, Nepal	18-Sep-17	17-Dec-18	97	44	53	One school 69% delay
2	EEAP/MOE/CLPIU/074/75-Dolakha-03	Construction of 4 school buildings in Dolakha	M/S Shyam Sunkoshi-Worldwide JV, Kathmandu, Nepal	15-Sep-17	14-Dec-18	98	55	43	2 Schools more than 55% delay
3	EEAP/MOE/CLPIU/074/75-Dolakha-04	Construction of 4 school buildings in Dolakha	M/S Swachhanda-Masding, JV, Kathmandu	26-Sep-17	25-Dec-18	98	48	50	One school 69% delay
4	EEAP/MOE/CLPIU/074/75-Dolakha-05	Construction of 3 school buildings in Dolakha	M/S United-Masding,JV,Kathmandu	20-Sep-17	19-Dec-18	97	40	57	One school 69% delay and another 55% delay
5	EEAP/MOE/CLPIU/074/75 - Sindhupalchowk -12	Construction of 3 school buildings in Sindhupalchowk	M/S Valley Construction Pvt. Ltd	12-Sep-17	12-Dec-18	97	39	58	One school more than 50% delay
6	EEAP/MOE/CLPIU/074/75 - Sindhupalchowk -13	Construction of 3 school buildings in Sindhupalchowk	Shyam Sundar-CM JV	18-Sep-17	18-Dec-18	96	47	49	Two schools 50% delay
7	EEAP/MOE/CLPIU/074/75 - Okhaldhunga -7	Construction of 2 school buildings in Okhaldhunga	M/S Shyamsundar Jayanti NB JV,Kathmandu	4-Sep-17	3-Dec-18	99	49	50	One school 55% delay
8	EEAP/MOE/CLPIU/074/75 - Kathmandu -1	Construction of 4 school buildings in Kathmandu	M/S Valley Construction, Kathmandu	12-Sep-17	11-Dec-18	98	58	40	One school 60% delay
9	EEAP/MOE/CLPIU/074/75 - Kathmandu -3	Construction of 4 school buildings in Kathmandu	M/S Valley Construction, Kathmandu	11-Sep-17	10-Dec-18	98	62	36	One school 60% delay
10	EEAP/MOE/CLPIU/074/75 - Kathmandu -2 USAID	Construction of 2 school buildings in Kathmandu	Shyam Sundar-CM JV	25-Oct-17	25-Jan-19	0	53	-53	One school with 5 story just started, likely to go beyond June 2019
	Critical								

S. No	Contract ID	Contract details	Contractor	Work start date	Completion date	Physical Target %	Physical progress (%)	Current delay (%)	Remarks
1	EEAP/MOE/CLPIU/074/75 - Okhaldhunga -6	Construction of 2 school buildings in Okhaldhunga	M/S MARUSHIN SHITAKA Construction	22-Aug-17	28-Nov-18	100	56	44	One school 54% dealy
2	EEAP/MOE/CLPIU/074/75 - Okhaldhunga -4	Construction of 4 school buildings in Okhaldhunga	M/S MARUSHIN SHITAKA Construction	10-Jun-17	1-Feb-19	90	60	30	One school about 50% delay
3	EEAP/MOE/CLPIU/074/75 - Okhaldhunga -2	Construction of 3 school buildings in Okhaldhunga	M/S MARUSHIN SHITAKA Construction	6-Apr-17	31-Dec-18	95	78	17	One school 40% delay
4	EEAP/MOE/CLPIU/074/75 - Kathmandu -4	Construction of 3 school buildings in Kathmandu	M/S Shyamsundar CM JV, Kathmandu	8-Sep-17	7-Dec-18	99	61	38	
5	EEAP/MOE/CLPIU/074/75 - Dolakha -6	Construction of 2 school buildings in Dolakha	M/S United-Masding,JV,Kathmandu	20-Sep-17	19-Dec-18	97	79	18	One school 37% delay
6	EEAP/MOE/CLPIU/074/75 - Sindhupalchowk -7	Construction of 1 school buildings in Sindhupalchowk	M/S Shyamsundar CM JV, Kathmandu	18-Sep-17	18-Dec-18	96	50	46	
7	EEAP/MOE/CLPIU/074/75 - Sindhupalchowk -9	Construction of 4 school buildings in Sindhupalchowk	Sharma and Co., Kamal Parajuli	30-Aug-17	29-Nov-18	100	68	32	One school 35% delay
8	EEAP/MOE/CLPIU/074/75 - Ramechhap-5	Construction of 1 school buildings in Ramechhap	Sky Builders	26-Sep-17	25-Nov-18	100	63	37	
9	EEAP/MOE/CLPIU/074/75 - Ramechhap-6	Construction of 1 school buildings in Ramechhap	MS Swachhanda Khani JV	26-Sep-17	25-Nov-18	100	79	21	One school 48% delay
	USAID Package								
	Critical								
11	EEAP/MOE/CLPIU/074/75 - Sindhupalchowk -4	Construction of 7 school buildings in Sindhupalchowk	M.K. Sobarna J/V	26-May-17	28-Feb-19	89.00	72.00	17	2 Schools 32% delay
	JFPR Model Schools								
12	JFPR/MOE/CLPIU/073/74-04	Construction of 2 school buildings in Nuwakot and Rasuwa	Bkoi-Surya chandra JV, New Baneshwor	11-Sep-17	11-Dec-18	97	58	39	EOT Request submitted

S. No	Contract ID	Contract details	Contractor	Work start date	Completion date	Physical Target %	Physical progress (%)	Current delay (%)	Remarks
13	JFPR/MOE/CLPIU/073/74-03	Construction of 2 school buildings in Lalitpur and Makawanpur	Swachhanda - Baniya JV	16-Aug-17	15-Nov-18	100	58	42	EOT Request submitted
	Government Buildings								
	Highly Critical								
1	MOUD/CLPIU/Works/2072-073/NCB-01	Construction of Five Office Buildings (District Soil Conservation Office, DWSS Division Office, National Investigation Office, District Live Stock Service Office and District Attorney Office) in Okhaldhunga	Lumbini-Danfe JV	28-Nov-17	28-Nov-19	52	20.00	32	Time period beyond EEAP project, Investigation building not started yet
2	MOUD/CLPIU/Works/2072-073/NCB-35	Construction of District Court Office Building in Gorkha	Tulsi Bhakta Construction pvt.ltd	22-Nov-17	22-Nov-19	53	30	23	Time period beyond EEAP project
3	MOUD/CLPIU/Works/2072-073/NCB-18	Construction of Five Office Buildings (Irrigation Development Division Office, District Election Office, DUDBC Division Office including Annex, National Investigation District Office and District Cottage and Small Industry Committee Office) in Sindhupalchowk	Tulsi Bhakta Construction pvt.ltd	15-Jul-17	15-Jul-19	71	43	28	Time period beyond EEAP project
	Critical Contracts								
1	MOUD/CLPIU/Works/2072-073/NCB-05	Construction of Integrated office building Sindhuli	Lumbini-Shiddhaba-Dhulikhel JV, Baneswor	13-Oct-16	11-Apr-19	87	70	17	Contract extended till 11 april 2019

S. No	Contract ID	Contract details	Contractor	Work start date	Completion date	Physical Target %	Physical progress (%)	Current delay (%)	Remarks
2	MOUD/CLPIU/Works/2072-073/NCB-06	Construction of District forest office and irrigation division office sindhuli	Fewa-Dhulikhel JV	9-Jun-17	9-Jun-19	76	79	-3	No space for extension
3	MOUD/CLPIU/Works/2072-073/NCB-08	Construction of 1 Office Building (District Forest Office) in Ramechhap	Sunkoshi/Khani/Thoudung JV, Kathmandu	15-Jun-17	15-Jun-19	75	75	0	No space for extension
4	MOUD/CLPIU/Works/2072-073/NCB-12	Construction of four Office Buildings (Irrigation, District Forest, CDO Quarter with annex and Water Induced Disaster Management Division Office) In , Dolakha	Shivsakti Biruwa JV ,New Baneshwore	10-Apr-17	10-Apr-19	84	73	11	
5	MOUD/CLPIU/Works/2072-073/NCB-17	Construction of Four Office Buildings- Soil Conservation, District Agriculture, District Livestock and District Judge Quarter) in Sindhupalchowk	Lumbini-Khami-Sobarna JV	10-Apr-17	10-Apr-19	84	64	20	Agriculture building is more critical
6	MOUD/CLPIU/Works/2072-073/NCB-23	Construction of Six Office Buildings (District Court, DWSS Division Office, District Soil Conservation, District Post Office, District Agriculture Development Office and District Education Office) In Nuwakot	Bkoi-Surya chandra JV, New Baneshwor	17-Dec-16	17-Dec-18	100	77	23	Post office and court office needs time extension for completion

S. No	Contract ID	Contract details	Contractor	Work start date	Completion date	Physical Target %	Physical progress (%)	Current delay (%)	Remarks
7	MOUD/CLPIU/Works/2072-073/NCB-27	Construction of 7 Office Building (C.D.O. Quarter, District Post Office, District Agriculture Development Office, Division Irrigation Office, District Livestock Development Office and Integrated Building of DUDBC Division and DWSS) in Rasuwa.	Bkoi-Surya chandra JV, New Baneshwor	7-Jun-17	7-Jun-19	76	48	28	
8	MOUD/CLPIU/Works/2072-073/NCB-30	Construction of three government office buildings District Court, District Forest and CDO Quarter in Dhading	Shivasakti-Biruwa JV, New Baneshwor	11-Oct-16	29-Apr-19	85	83	2	Contract extended till 29 april 2019 and court buiding is critical
9	MOUD/CLPIU/Works/2072-073/NCB-31	Construction of Three Office Buildings (DUDBC Division, Post Office and District Agriculture Development) in Dhading.	Shivasakti-Biruwa JV, New Baneshwor	13-Jan-17	13-Jan-19	96	69	27	DUDBC and Agriculture more critical
10	MOUD/CLPIU/Works/2072-073/NCB-33	Construction of 2 Office Buildings (District Attorney & District Technical) in Dhading	Kankai International Builders	9-Jun-17	9-Jun-19	76	71	5	
11	MOUD/CLPIU/Works/2072-073/NCB-34	Construction of 5 Office Buildings (Post Office, Agriculture Development , National Investigation, Attorney Office & Soil Conservation) in Gorkha	Rabina Dafne Dragon JV, GORKHA	5-Jun-17	5-Jun-19	76	55	21	

S. No	Contract ID	Contract details	Contractor	Work start date	Completion date	Physical Target %	Physical progress (%)	Current delay (%)	Remarks
12	MOUD/CLPIU/Works/2072-073/NCB-37	Construction of Four Office Buildings (DUDBC Division, Treasury Comptroller, Irrigation Division and National Investigation Office) In Lamjung	Mahadev Khimti Nirman Sewa -Roshan JV,	17-Dec-16	17-Dec-18	100	88	12	DUDBC building needs time extension
A. Highly Critical									
1	District Road								
1	NCB-12-2073/074	Belghari-Archalbot-Lamabagar-Serabajar-Liteure-Pachok Road	M/S Niraj Cement Structurals Ltd.	9-Mar-17	27-Nov-18	100	45	55	EoT upto 23 Jan 2019 is under review.
1	NCB-22/2073-074	Bhirkot-Sahare-Hawa-Jiri Road, PCK1	M/S Tamang/Kumar JV	30-Jul-17	20-Jan-19	90	37	53	
1	NCB-24/2073-074	Ghyampsal-Bakot-Palkhu-Swara-Saurpani-Barpak Road	M/S Tamang-Kumar JV	8-Aug-17	29-Jan-19	88	32	56	
1	NCB-28/2073-074	Haldebeshi – Dhobi – Dhadebeshi Road	M/S Ramechhap-Golden JV	29-Oct-17	21-Apr-19	60	28	32	
2	Strategic Road								
2	EEAP/NCB/PM/01	Panchkhal - Melamchi - Timbu Road (Panchkhal - Melamchi Section)	M/S Swachchhanda - Ashish JV	8-Oct-17	7-Oct-19	63	29	34	
	B. Critical								
1	District Road								
1	NCB-01-2072/073	Sankhu – Palubari – Nagarkot Road	M/S Bajra Guru - Biruwa J/V	19-Oct-16	5-Dec-18	100	78	22	EoT submitted by contractor is under review by DLPIU
1	NCB-04-2073/074	Jorbuddha-Dhorpu-Garma-Nele Road	M/S Swachchhanda - Rautaha J/V	25-Dec-16	6-Nov-18	100	75	25	EoT upto 15 May 2019 is under review
1	NCB-05-2073/074	Luitel-Appaipal-Harmibhanjyang-Thalajung-Bhacheck,	M/S Lama /Amar Construction JV	2-Jan-17	24-Jan-19	75	56	19	

S. No	Contract ID	Contract details	Contractor	Work start date	Completion date	Physical Target %	Physical progress (%)	Current delay (%)	Remarks
		Luitel Gaun - Chitrephokhari Section							
1	NCB-06-2073/074	Luitel-Appaipal-Harmibhanjyang-Thalajung-Bhacheck, Chitrephokhari - Bhacheck Section	M/S Lama Construction Pvt. Ltd.	2-Jan-17	3-Feb-19	59	53	6	
1.1	NCB-07-2073/074	Godamchour-Godabari- Badikhel-Lelebhanjyang Road	M/S Kumar Shrestha / Nepal Adarrsha JV	19-Feb-17	8-Feb-19	87	59	28	
1.1	NCB-09-2073/074	Sunkhani-Sangwa Road, Sunkhani-Lamidanda Section	M/S Swachchhanda Nirman Sewa Pvt. Ltd	4-Jan-17	23-Jan-19	95	71	24	
1.1	NCB-10-2073/074	Sunkhani-Sangwa Road, Lamidanda-Kalinchowk Section	M/S Swachchhanda Nirman Sewa Pvt. Ltd	4-Jan-17	11-Dec-18	100	67	33	EoT submitted by contractor is under review by DISC
1.1	NCB-11-2073/074	Kuntabesi-Nayagaun-Nagarkot Road	M/S Lama /Amar Construction JV	12-Apr-17	3-Oct-18	100	47	53	EoT upto 23 Jan 2019 is under review.
1.1	NCB-13-2073/074	Pipalbhanjyang-Haitar-Netrakali Road	M/S Lama /Amar Construction JV	19-Apr-17	28-Jan-19	80	56	24	
1.10	NCB-14-2073/074	Pipalbhanjyang-Haitar-Netrakali Road	M/S Lama /Amar Construction JV	20-Apr-17	6-Feb-19	80	59	21	
1.1	NCB-19-2073/074	Okhaldhunga-Rumjatar Road	M/S Tamang/Kumar JV	7-Jun-17	29-Nov-18	100	44	56	EoT upto 30 May 2019 is under review
1.1	NCB-20-2073/074	Khurkhure(Highway)-Samitar-Thakuribhanjyang Road	M/S Ashish/CM JV	6-Jun-17	27-Nov-18	100	70	30	EoT upto 16 May 2019 is under review
1.1	NCB-21-2073/074	Devitar-Doramba - Paseban - Kolibagar Road	M/S Ramechhap-Golden JV	18-Jul-17	8-Jan-19	81	48	33	
1.1	NCB-27/2073-074	Bhirkot-Sahare-Hawa-Jiri Road PCK 2	M/S Biruwa/Masding Devi/World Wide JV	7-Dec-17	30-May-19	61	44	17	
2	Strategic Road								
2	EEAP/ICB/DS/01	Dolakha - Singati Road	M/S CR5-Swachchhanda JV	26-Sep-16	12-Mar-19	75	58	17	

S. No	Contract ID	Contract details	Contractor	Work start date	Completion date	Physical Target %	Physical progress (%)	Current delay (%)	Remarks
2	EEAP/NCB/DG/01	Dhading - Gorkha, Pkg-1	M/S Lama Constructions Co. Pvt. Ltd.	12-Jan-17	11-Jan-19	95	39	56	EoT submitted by contractor is under review by CSC
2	EEAP/NCB/DG/02	Dhading - Gorkha, Pkg-2	M/S Lama Constructions Co. Pvt. Ltd.	12-Jan-17	11-Jan-19	96	33	63	EoT submitted by contractor is under review by CSC
2	EEAP/NCB/DG/03	Dhading - Gorkha, Pkg-3	M/S Nepal Adarsha - Tamang JV	10-May-17	9-May-19	82	38	44	
2.1	EEAP/NCB/DG/04	Dhading - Gorkha, Pkg-4	M/S Bajra Guru - Synergy JV	5-Oct-17	5-Apr-19	59	50	9	

List of contracts with Poor contract management

S. N.	Contract ID	District	PCS S NO.	Contract Amount (NPR)	VO 1- Amount	Revised Contract Amount after VO (NPR)	Amount Paid till date (NPR)	Original Completion Date	Revised Completion Date		Physical Progress (%) A	Financial Progress (%) A	Remarks
									EOT 1	EOT 2			
EEAP													
1	EEAP/DOE/NCB/04-Kavre-3	Kavre	0040	107,389,397.39			90,925,443.36	6-Jan-18	6-Jul-18	6-Nov-18	88.7	84.7	No EOT, Work not completed
2	EEAP/MOE/CLPIU/073/74-Kavre-2	Kavre	0109	204,089,457.08			149,018,327.49	19-Sep-18	5-Dec-18		84.7	73.0	No EOT, Work not completed
3	EEAP/MOE/CLPIU/073/74-Kavre-3	Kavre	0110	139,078,593.14			121,561,742.66	19-Sep-18	19-Feb-19		82.0	87.4	Financial progress more than physical progress
4	EEAP/MOE/CLPIU/073/74-Kavre-5	Kavre	0103	258,713,053.05	23,820,069.56	282,533,122.61	285,052,270.44	27-Nov-18			83.7	110.2	No EOT, Work not completed, VO required
5	EEAP/MOE/CLPIU/073/74-Bhaktapur-01	Bhaktapur	0134	98,573,304.13	4,696,588.00	103,269,892.13	102,785,798.82	6-Nov-18			99.0	104.3	No EOT, Work not completed, VO required
6	EEAP/DOE/NCB/07-Sindhu-1	Sindhupalchowk	0041	141,055,781.04			118,179,626.57	19-Jan-18	18-Jul-18	15-Nov-18	82.3	83.8	No EOT, Work not completed,
7	EEAP/DOE/NCB/07-Sindhu-2	Sindhupalchowk	0042	142,930,432.04			79,221,744.82	19-Jan-18	18-Jul-18	15-Nov-18	81.5	55.4	No EOT, Work not completed,
8	EEAP/DOE/NCB/07-Sindhu-3	Sindhupalchowk	0043	100,571,174.04			91,094,672.81	19-Jan-18	18-Jul-18	15-Nov-18	91.0	90.6	No EOT, Work not completed,
9	EEAP/MOE/CLPIU/073/74-Okhaldhunga-7	Okhaldhunga	0142	185,074,990.07			110,479,962.81	3-Dec-18			55.5	59.7	No EOT, Work not completed,
10	EEAP/MOE/CLPIU/073/74-Kathmandu-04	Kathmandu	0143	153,221,090.59			85,052,881.59	7-Dec-18			66.0	55.5	No EOT, Work not completed,
11	EEAP/MOE/CLPIU/073/74-Dolakha-01	Dolakha	0137	232,290,554.46			229,223,236.11	29-Nov-18			85.0	98.7	No EOT, Work not completed,

S. N.	Contract ID	District	PCS S NO.	Contract Amount (NPR)	VO 1- Amount	Revised Contract Amount after VO (NPR)	Amount Paid till date (NPR)	Original Completion Date	Revised Completion Date		Physical Progress (%) A	Financial Progress (%) A	Remarks
									EOT 1	EOT 2			
	USAID												
1	EEAP/MOE/CLPIU/073/74-Kavre-1	Kavre	0113	85,850,596.84			85,047,796.46	5-Jun-18	5-Oct-18	4-Dec-18	93.7	99.1	No EOT, Work not completed,
2	EEAP/MOE/CLPIU/073/74-Ramechhap-3	Ramechhap	0080	304,720,065.75			320,253,989.90	6-Jul-18	30-Oct-18		99.7	105.1	No EOT, Work not completed, VO required

Resettlement Plan Implementation Status

A. Compensation distribution of district roads (As of 25 December 2018)

S.N.	District	Name of subproject	Final Compensation & Deed Transfer Completed (HHs/Plots)							Remarks
			Compensation payment to APs							
			After CDC/Revised RP NRs	Total Payment NRs.	%	% of Total Number of HHs	Total Targeted Plots	Total Compensation Plots	% of Total Number of Plots	
1	Kathmandu	Sankhu-Palubari-Nagarkot Road	68574594.26	49186524.22	71.73	81.818	123	55	71.43	
2	Bhaktapur	Bysai –Jhaukhel –Changu –Telkot-Bhattedanda -Nagarkot Road	113058300.5	92859902.21	82.13	85.507	314	219	86.22	
3	Lalitpur	Thaiba - Godamchaur Road	40442788.94	13254488	32.77	31.25	242	52	21.49	
		Godamchour- Godabari-Badikhel- Lelebhanyang Road	124121931.27	27193475.00	21.91	20.66	639	86	13.46	
4	Kavre	Khopasi-Dhungakharka - Chyamranbesi-Milche-Borang Road	42462669.34	9297862.00	21.90	40.097	335	113	33.73	
		Kuntabesi-Nayagaun-Nagarkot	157135367.2	73577781.40	46.82	142	547	183	33.46	17 HHs of 32 plots has been omitted from approved RP due to DoR upgrade that section.
5	Dolakha	Sunkhani-Lamidanda - Kalinchowk section of SunkhaniSangwa Road				3.90	182	7	3.85	
		Bhirkot - Sahare- Hawa Section of Bhirkot - Sahare- Hawa -Jiri Road	8868197.9	2172445.11	24.50	8.95	259	23	8.88	
6	Ramechhap	Devitar – Phulasipokhari Section of Devitar – Doramba – Paseban – Kolibagar Road	65200689.09	42119692	64.60	71.43	259	141	52.03	
		Haldibesi-Dhobi-Dhandebesi Road	140961369.5	21934464.65	15.56	14.77	935	89	9.52	
7	Okhaldhunga	Okhaldhunga-Rumjatar Road	109437400.37	62587093.58	57.19	67.89	594	359	60.44	Lack of budget DLPIU not able to distribute compensation of 13 land plots
8	Solukhumbu	Garma-Nele-Bogal Road	20503902.89	9286354.74	45.29	37.5	648	112	37.09	
9	Gorkha	Luitel - Aappipal - Harmibhanjyang - Thalajung – Bhachek Road	81554518.48	7176379.98	8.80	9.0439	614	53	8.51	NRs 2118080 of 9 HHs of 11 plots countnot pay due to absence/transfer of DTO,
		Ghympesal - Balkot-Palkhu- Swara-Saurpani-Barpak Road	13061356.54	4606099	35.27	59.633	167	91	54.49	Due to absence/transfer of DTO, deed transfer of total NRs 108824 is completed but compensation is yet
10	Lamjung	Belghari – Archalbot - Lamabagar- Serabazaar - Lituere - Pachok Road	66523212	40348903	60.65	47.059	425	230	49.68	

Summary of RP Implementation

RP Implementation	Percentage
Compensation payment district road components	43.13
Deed transfer of district road components	45.37
Compensation payment of strategic roads	43.97
Deed transfer of strategic roads	46.00

B. Compensation distribution strategic roads (As of 25 December 2018)

S.N.	District	Name of subproject										
			CDC published RP NRs	Total Payment NRs.	%	Remaining Allocated Budget (District) NRs.	Total HHs based on published notice	Total Compensation HHs	% of Compensated HHs	Total Targeted Plots	Total Compensation Plots	% of Total Number of Plots
1	Dhading	Dhading - Gorkha (Dhading beshi-Arughat) Road	83,586,977.12	55,532,051.00	66.44	28054926.12	477	343	71.908	568	378	66.55
2	Gorkha	Dhading - Gorkha (Ghypesal -S mode)Road	47,826,486.00	5,522,442.00	11.55	42304044.00	485	65	13.402	634	80	12.62
3	Kavre	Panchakhal- Melamchi (Panchkal "o" kilo- Sipaghat)	10,907,391.77	1,268,800.67	11.63	9638591.10	130	27	20.769	163	21	12.88
4	Sindhupalchowk	Panchakhal- Melamchi (Sipaghat- Melamchi Bazar)	20,195,396.01	8,922,638.03	44.18	11272757.98	26	12	46.154	28	13	46.43
5	Dolakha	Dolakha- Singati	378,000.00	378,000.00	100.00	0.00	25	25	100	0	0	0.00
			162,894,250.90	71,623,931.70	43.97	91270319.20						

TOR-Transport Economist

Expertise: Transport Economist (Rural Roads) – 4 months
Source: National

Background

The Government of Nepal (GON) is implementing a large-scale multi-sector reconstruction program supported by a number of development partners, including the Asian Development Bank (ADB), to address the impacts of the damage inflicted by the 2015 earthquake and its aftershock.

ADB's support includes a \$200 million loan to finance the Earthquake Emergency Assistance Project (EEAP). EEAP includes the rebuilding of schools, strategic and district roads, district-level government buildings, and also strengthening resilience to future disasters. The National Reconstruction Authority (NRA) is EEAP's executing agency. The implementation of these four infrastructure components has been assigned to central-level project implementation units (CLPIUs) with support of district-level project implementation units (DLPIUs).

The district roads component includes the rehabilitation of 17 district road in the 14 districts most severely affected by the 2015 earthquake. The rehabilitation works are expected to be completed by June 2019.

Objective of the Assignment

The main objective of the assignment is to assist the CLPIU in assessing the economic returns of the rehabilitation of the 17 district roads rehabilitated under EEAP. This assessment is to be undertaken in accordance with ADB's *Guidelines for the Economic Analysis of Projects*¹²

Specific Tasks

Under the overall guidance of the CLPIU Project Office, the Specialist will undertake the following tasks:

- (i) Review detailed project reports (DPRs) of the 17 road subprojects;
- (ii) Propose six "representative" subprojects for undertaken an economic analysis; these subprojects should represent subprojects in semi-urban and rural areas as well as hill and Terai areas;
- (iii) Following the selection of the representative subprojects by the CLPIU, undertake field visits to update and supplement the information available in the DPRs; during the field visits interview key beneficiaries to firm up expected benefits;
- (iv) For undertaking the economic analysis, take into account the quantifiable and non-quantifiable benefits as elaborated upon in Attachment;
- (v) Taking into account the actual project cost and implementation schedules together with expected economic benefits, assess the EIRR for each of the subprojects; and

- (vi) Present the outcome of the economic analysis of each of the selected subprojects in a comprehensive report.

Duration and Place of Assignment

The Specialist is to provide four (4) months of services on continuous basis starting on 1 April 2019.

The CLPIU will provide office space at its Kathmandu office.

It is estimated that the Specialist will spent 20 working days outside Kathmandu for the collection of information and interviews with key beneficiaries. The DLPIUs will facilitate the Specialist's visits outside Kathmandu.

Deliverables:

The Specialist will submit the following reports:

- (i) inception report – 3 weeks after contract commencement summarizing the outcome of the review of DPRs, a proposal for the selection of representative subprojects; and the proposed methodology for undertaking the economic analysis;
- (ii) Draft Final Report – 2 weeks before contract completion; the report is to detail the methodology used for the economic analysis and the associated assumptions, and the cost and benefit streams with the resulting EIRR for each of the subprojects; and
- (iii) Final Report – at contract completion incorporating comments on the Draft Final Report

Qualification Requirements

The Specialist will have a Master's degree in economics, preferably with 8 years' experience in undertaking economic analyses of rural infrastructure projects, especially rural road projects. Demonstrated familiarity with ADB's approach and methodology for economic analyses of rural infrastructure projects is essential.

Environmental Safeguards Compliance Status

Regarding the implementation of EMP, the Mission noted following environmental safeguards compliance issues according to project components. The site and contract specific issues were discussed with the concerned construction supervision teams and contractors' representatives, and corrective action were agreed.

Output 1: Schools are rebuilt and upgraded

Due diligence reports (DDRs) had already been prepared for all subprojects. Overall EMP implementation was found weak in the field during mission visit and from the reports submitted by the CLPIU (education) as given below.

- a. **Ornamental plantation for landscaping in completed school buildings** – In completed schools, plantation of 1631 ornamental plants had been done in the available space of the school ground with tree guards for the protection.
- b. **Spoil disposal management and slope stabilization through bioengineering** – Bioengineering for slope stabilization around school buildings located in hills with higher slope had not been done in any schools. This issue is significant in Panitanki High School, Sindhuli as spoil had been haphazardly disposed in the western side of school building hampering existing road and creek.
- c. **Occupational health and safety (OHS)** – Limited safety gears were provided to the workers especially helmet and vests.
- d. **Cautionary signboards, ribbons and barricades** – Very few cautionary sign boards, ribbons and barricades were placed around the construction sites.
- e. **Campsite management** – Workers were provided with basic facilities in the camp sites like water supply, toilets, lodging facilities but fire wood was used for cooking.

Output 2: Roads and bridges are rehabilitated and/or reconstructed

District and Strategic Roads

Environmental safeguard compliance progress in district and strategic roads is satisfactory with completion of environmental safeguards planning requirements like, preparation and approval of IEE reports and approval of tree cutting plan from the Cabinet for the subprojects. However, tree cutting plan of Pachakhal-Melamchi road subproject and Kuntabeshi-Nagarkot road subproject is still in the process of approval.

Limited compliance of EMP implementation was noticed during the Mission visit and from the reports received from the implementing agencies (PD and GMaLI).

- a. **Institutional arrangement** – There were no environmental/safety experts with contractors in both district and strategic road as per the contract agreement.
- b. **Preparation of site specific environmental management plan (SEMP)** – SEMP had not been prepared by the contractors yet. However, environmental management action plan (EMAP) had been prepared for all the strategic roads which has to be reviewed by the consultant.
- c. **Spoil disposal management** – In district roads, total 982,955.38 m³ spoil had safely disposed from 13 subprojects in identified spoil disposal sites. However, in Okhaldhunga-Rumjatar road subproject, there was haphazard spoil disposal even blocking the stream

despite of identified spoil disposal site. In strategic road subprojects, 123,500 m³ extra earth materials had been disposed safely at designated sites with protection measures.

- d. **Dust emission** – Sprinkling of water for dust emission control was not adequate at the construction sites especially in district roads (Okhaldhunga-Rumjatar road) causing health hazards to workers and local people residing in the settlements near by the road.
- e. **Slope stabilization through bioengineering** – In district roads, 9,713.5 Rm/m² of bioengineering works had been done in 5 road subprojects. In strategic roads, bioengineering works had been done in limited sites due to on-going construction works in D-S road whereas in P-M and D-G road subprojects, bioengineering works have yet to be done.
- f. **Tree cutting** – In district roads, tree cutting plans had been approved for all road subprojects except in Kuntabeshi-Nagarkot road. Tree cutting works had been completed in all subprojects in coordination with divisional forest office (DFO) except in Kalika community forest of Khurkhure-Thakuribhanjyang road in Chitwan where tree felling process will be completed by 31 December 2018. Likewise, in strategic road, tree cutting had been completed in D-G road subproject and not needed in D-S road but in P-M road, tree cutting plan is in the process of approval from Cabinet.
- g. **Roadside plantation** – In strategic roads subprojects, road side plantation is in the process of planning. Whereas in district roads, 1,104 plants had been planted as road side plantation along 6 road subprojects. In Okhaldhunga-Rumjatar road subproject, 207 plants had been planted with bamboo tree guards but the size of seedling is small and casualty is about 30%, therefore replacement of dead plants is required.
- h. **Compensatory plantation** – Compensatory plantation of 13,111 seedlings in 8 subprojects had been done in district roads but in strategic roads compensatory plantation has not been done yet.
- i. **Occupational health and safety (OHS)** - Construction supervision staff and workers were using the safety gears properly in strategic roads whereas in district roads, limited safety gears were being used by the workers and supervision staff.
- j. **Cautionary signboards and ribbons** – In strategic roads, cautionary signboards and ribbons had been placed in the construction sites whereas in district roads, 37 safety sign boards had been erected but there were no cautionary ribbons around construction sites.
- k. **Campsite management** – In strategic and district road subprojects, worker's camp's had toilet, drinking water and lodging facilities but fire wood was used for cooking. Some of the workers in these sub-projects are locals and come from their homes for the work.

Output 3: District-level government facilities constructed and/or rebuilt

Due diligence reports (DDR) had been prepared for all subprojects. Overall, EMP implementation was found weak in the field during mission visit and reports submitted from the CLPIU (building) as given below:

- a. **Tree cutting and ornamental plantation in government office building sites** - Trees in construction sites had been conserved as far as possible. Ornamental plantation has not been done yet.

- b. **Spoil and construction waste disposal management** – Construction waste had not been managed in the construction sites (District Court Building, Dhading). Spoil had been haphazardly disposed in hill side (District Investigation office, Okhaldhunga).
- c. **Occupational health and safety (OHS)** – Adequate safety gears and first aid box had not been provided and there were no first aid boxes kept at construction sites.
- d. **Cautionary signboards, ribbons and barricades** – No cautionary signboards, ribbons and barricades around construction sites.
- e. **Campsite management** – Drinking water and toilet facilities were provided but firewood was being used for cooking (Integrated Building Site, Sindhuli)
- f. Water logging at the back side of building has been managed at Integrated Building site in Sindhuli through proper drainage management works.

Corrective actions

1. Environment/safety expert should be present in all contract packages according to the contract agreement.
2. Expediting tree cutting approval process in Pachkhal-Melamchi and Kuntabeshi-Nagarkot road subprojects.
2. Ornamental, roadside and compensatory plantation have to be done before the completion of the project.
3. Spoil management has to be done at identified spoil disposal sites to control haphazard disposal of excavated materials. Bioengineering works have to be done to stabilize the slopes especially in roads and Panitanki High School, Sindhuli.
4. Construction waste has to be managed specially in school and office building construction sites.
5. Sprinkling of water in the roads at least twice a day to control dust emission during construction.
6. Providing adequate safety gears (helmet, vest, boots, face masks etc) and ensuring their use by workers in all construction sites.
7. Prohibiting the use of firewood for cooking purpose by the work force in the camps.
8. Placing appropriate cautionary signboards, ribbons and barricades in the construction sites.

Agreed actions

1. **Preparation of site specific environmental management plan (SEMP)** – SEMP is in the process of preparation by the contractors and agreed to be submitted by 10 January 2019 for strategic roads. However, environmental management action plan (EMAP) has been prepared for all the strategic roads which has to be reviewed and submitted by the consultant before 26 December, 2018.
2. **Tree cutting** - Tree cutting process will be completed by DLPIU/DISC/CFUG before 31 December 2018 in Kalika community forest of Khurkhure-Thakuribhanjyang road in Chitwan district as the trees have alre

Issues and Agreed Actions

Actions	Timeline	Responsibility	References
A. Challenges to Meet the 23 June 2019 Completion			
1. Overall delay in construction progress			
Monitor and follow up on the implementation of the contract-specific actions agreed during the Mission.	Immediately	CLPIUs/ PD Office	Para...
i. School Reconstruction			
Makawanpur			
Model School: Janapriya Higher Secondary school			
Provide detail design/drawing of lab room to the contractor.	27 Dec 2018	CLPIU/DLPIU/DSC	
Provide dedicated site engineer for daily supervision	7 Jan 2019	CLPIU/DLPIU	
Document lab report with verification	7 Jan 2019	CLPIU/DLPIU	
Okhaldhuga			
Model School: Rumjatar Higher Secondary school			
Remove bamboo props	24 Dec 2018	CLPIU/DLPIU	
Remove the rejected sand from the site	Immediately	CLPIU/DLPIU	
Rectify defective brickwork above lintel level	24 Dec 2018	CLPIU/DLPIU	
Decide new toilet facility	27 Dec 2018	CLPIU/DLPIU	
Document lab report with verification	7 Jan 2019	CLPIU/DLPIU	
Sindhuli			
Pani Tanki Secondary School			
Replace sanitary fixture	Immediately	CLPIU/DLPIU	
Submit completion certificate	As soon as possible	CLPIU/DLPIU	
Provide mitigation measure against landslide risk		CLPIU/DLPIU/DSC	
Dhading			
Nilkantha Higher Secondary School			

Submit estimate of water supply from source to school	27 Dec 2018	DLPIU/SMC	
Ensure proper ramp for hostel block	As soon as possible	CLPIU/DLPIU	
Rectify urinal facility at girl's toilet		DLPIU	
Provide mitigation measure against landslide risk		CLPIU/DLPIU	
ii. Strategic Roads Rehabilitation			
Dhading – Gorkha Road - Contract: DG/01 and DG/02			
Submit updated schedule with resource plan	26 Dec 2018	PD(ADB)/CSC/Contractor	
Expedite subbase work by mobilizing at least 11 nos. of Tippers every day for 60 days. – for Package 1	7 Jan 2019	PD(ADB)/CSC/Contractor	
Complete sub-base work of Package 1	15 Feb 2019	PD(ADB)/CSC/Contractor	
Submission of updated RP (Land and Structures)	31 Dec 2018	PD(ADB)/CSC	
Organize CDC meeting for affected structures	7 Jan 2019	PD(ADB)/CSC	
Settlement of land of issue of Guthi Land	15 Jan 2019	PD(ADB)/CSC	
Substantially completion of compensation distribution	28 Feb 2019	PD(ADB)/CSC	
Submit environmental management action plan (EMAP)	26 Dec 2018	PD(ADB)/CSC	
Prepare and submit site specific environmental management plan (SEMP) for each contract package.	10 Jan 2019	PD(ADB)/CSC	
Dhading – Gorkha Road – Contract: DG/03 and DG/04			
Mobilize 200 nos. of workers for contract DG/03 and 75 nos. of workers for contract DG/04	26 Dec 2018	PD(ADB)/CSC/Contractor	
Submit updated schedule with resource plan	26 Dec 2018	PD(ADB)/CSC/Contractor	
Submission of updated RP (Land and Structures)	15 Jan 2019	PD(ADB)/CSC	
Organize CDC meeting for affected structures	31 Jan 2019	PD(ADB)/CSC	

Substantially completion of compensation distribution	28 Feb 2019	PD(ADB)/CSC	
Submit environmental management action plan (EMAP)	26 Dec 2018	PD(ADB)/CSC	
Prepare and submit site specific environmental management plan (SEMP) for each contract package.	10 Jan 2019	PD(ADB)/CSC	
iii. District Roads Rehabilitation			
Okhaldhunga – Rumjatar Road			
Improve quality of Gabion Wall constructed at chainage 4+200 L/S as per specification	26 Dec 2018	CLPIU/DLPIU	
Remove unaccepted base-course material stocked at crusher plant	20 Dec 2018	CLPIU/DLPIU	
Submit updated resources plan	20 Dec 2018	CLPIU/DLPIU	
Submit updated RP	26 Dec 2018	CLPIU/DLPIU	
Substantially completion of compensation distribution	31 Jan 2019	CLPIU/DLPIU	
Garma- Nele Road			
Submit updated work plan including activity scheduling and resource plan	26 Dec 2018	CLPIU/DLPIU	
Submit design and cost estimate of collapsed structure at Km 7+900, R/s and finalise type of cross drainage at Km 10+400	26 Dec 2018	CLPIU/DLPIU	
Substantially completion of compensation distribution.	31 Jan 2019	CLPIU/DLPIU	
Preparation of gender dis-integrated information.	20 Dec 2018	CLPIU/DLPIU	
Transfer adequate fund from CLPIU to DLPIU for compensation.	26 Dec 2018	CLPIU/DLPIU	
Resolve resettlement issue of chainage 10+200	7 Jan 2019	CLPIU/DLPIU	
Khurkhure Thakuari Bhanjayng Road			
Complete tree cutting process in Kalika Community Forest	31 Dec 2018	CLPIU/DLPIU/CFUG/DISC	
Completion of deed-transfer of 263 land plots	28 Feb 2019	CLPIU/DLPIU	
iv. Government office building reconstruction			

Okhaldhunga			
Deploy 80 nos of labors in site	27 Dec 2018	CLPIU/DLPIU/CSC	
Complete remaining work of maintenance	27 Dec 2018	CLPIU/DLPIU/CSC	
Deploy key staff (2 Engineers) from contractor	27 Dec 2018	CLPIU/DLPIU/CSC	
Sindhuli – Package 5			
Submit revised work schedule by the contractor	27 Dec 2018	CLPIU/DLPIU/CSC	
Substantially complete remaining work.	30 March 2019	CLPIU/DLPIU/CSC	
Dhading – Package 30			
Deploy 50 nos of labors in site	27 Dec 2018	CLPIU/DLPIU/CSC	
Dhading – Package 31			
Deploy 100 nos of workers	27 Dec 2018	CLPIU/DLPIU/CSC	

GENDER EQUALITY AND SOCIAL INCLUSION ACTION PLAN

A. Revisions and Implementation Status¹³

Activities	Targets and Indicators	Responsibility	Progress as of end-September 2018	Status as of end-September 2018
A. Output 1: Schools are rebuilt and upgraded with improved learning environment				
Rebuild 154 schools of which 11 schools are upgraded to model schools addressing GESI concerns meeting universal design and accessibility standards in eight affected districts ¹⁴	<ul style="list-style-type: none"> a) Engineered school-premises rebuilt based on international best-practice and safety standards [≥80,000 students in eight affected districts] b) Needs of girls and DAGs addressed in site selection for destroyed schools (high/secondary and primary) c) Sex-segregated toilets and access to water for teachers and students built according to accessibility standards 	a) MOE, municipality education offices, with support from the GESI expert of the Design and Supervision Consultant (DSC)	<ul style="list-style-type: none"> a) School designs have been based on the international best-practice and safety. b) Issues related to girls and DAGs has been addressed. c) Each school design includes sex-segregated toilets 	<ul style="list-style-type: none"> a) Achieved. b) Achieved. c) Achieved.
Conduct GESI-sensitive risk assessment for 154 schools and build capacity of teachers	GESI-sensitive risk assessments in consultation with student, teachers and school management committees for all projects schools to be conducted as part of the individual school DRM plan	MOE, municipality education offices, with support from the DRM expert and mobilizers to be engaged under TA 8910	Planned to be initiated during Q1 2018	Not achieved.
Build capacity of schools and students for disaster preparedness and emergency	a) Capacity building for disaster preparedness and emergency carried out at times and venues that facilitate girls'	Same as above.	a) Planned to be initiated during Q1 2018	a) Not achieved

¹³ Please see Section B for a summary of performance target achievements.

¹⁴ The districts include Bhaktapur, Kathmandu, Kavre, Sindupalchok, Dolakha, Ramechhap, Sindhuli and Okhaldunga.

Activities	Targets and Indicators	Responsibility	Progress as of end-September 2018	Status as of end-September 2018
	<p>participation [Target: 50% women and girls]</p> <p>b) Ensure GESI considerations are addressed in the Type Designs for Classroom Construction.</p>		b) GESI considerations have been addressed in the Type Designs	b) Achieved
B. Output 2: Roads and bridges are rehabilitated and reconstructed				
Engage women in rehabilitation and reconstruction of affected infrastructure	<p>a) Women employed in construction of 100 km of strategic roads and 325 km of district roads [Target: 20% women]</p> <p>b) Women employed in compensatory tree plantation for afforestation and slope protection works through bioengineering esp. for hill roads [Target: 20% women]</p>	<p>a) DOR/ MOFALD with support from Construction Supervision Consultant (CSC)/ Central and District-level Support Consultant (CISC/DISC) teams</p> <p>b) Same as a) above</p>	<p>a) Women are being employed in construction of strategic roads 100 KM and district roads 315 km [Achievement: 5% women; will be increased during bio-engineering works]</p> <p>b) Not yet started</p>	<p>a) Partially achieved</p> <p>b) Not yet achieved</p>
Install road safety features	Signage, speed breakers, safety barriers, and road shoulders constructed to benefit pedestrians, esp. women, children, elderly and differently-abled	Same as above.	Road safety features are provisioned in BOQ and be installed during construction.	Partially achieved.
Revised: Ensure that bidding and contractual documents reflect GESI provisions and practices related to STI prevention, human trafficking; adherence to CLS	Revised: <p>a) Contracts will include specific clauses on STI prevention, human trafficking; adherence to CLS (incl. equal pay for work of equal value) and the prohibition of child labor</p> <p>b) Project affected communities and all contractors participate in STIs' prevention, human trafficking and adherence to CLS</p>	Revised: DOR/ MOFALD with support from Construction Supervision Consultant (CSC)/ Central and District-level Support Consultant teams	<p>a) Specific clauses on STI prevention, human trafficking, and adherence to CLS included in bidding documents</p> <p>b) ??????</p>	<p>a) Achieved</p> <p>b) Not achieved</p>

Activities	Targets and Indicators	Responsibility	Progress as of end-September 2018	Status as of end-September 2018
	awareness campaign [Target: 50% women]			
Carry out human trafficking, STI and sexual/gender-based violence prevention campaigns in affected districts ¹⁵	All district-based field personnel, contractors' and local communities participate in the awareness-raising campaigns [Target: equitable participation from men and women from communities]	DOR/ MOFALD with support from Construction Supervision Consultant (CSC)/ Central and District-level Support Consultant teams	Will be carried out from Q4 2017.	Not achieved.
Ensure that negative impact on vulnerable FHHs due to road construction is mitigated	<p>a) All affected FHHs directly benefit from appropriate provision and mitigation measures provided in the Resettlement Plan</p> <p>b) Entitlement matrix contains additional mitigation measures as special provisions for affected FHHs</p>	Same as above.	<p>a) Resettlement plan (RP) implementation just initiated</p> <p>b) PRs include additional mitigation measures as special provisions for affected FHHs.</p>	<p>a) Not achieved</p> <p>b) Achieved</p>
C. General (Applicable for Outputs 1 and 2)				
Provide GESI orientation to project staff at central level	Formal meetings held with IAs' project staff at central level and consultants –as needed- to raise awareness on the EEAP GESI Action Plan	Central-level Project Implementation Units (CLPIUs) of MOE and MOFALD and DOR PD Office with support of GESI expert/ focal persons	Frequent meetings held and organized as needed.	Partially achieved.

¹⁵ Following the earthquake, the risks of human trafficking (child and girls/women trafficking), STI and sexual and gender-based violence have increased. To mitigate these risks, the EEAP will take a two pronged approach: (i) first, it will ask the EEAP GESI experts to assess the coverage of mitigation measures in place in the EEAP project area (whether financed by Government, CSOs or private sector) and –based on the assessment– (ii) identify gaps in coverage and the need for EEAP financial support during project implementation.

Activities	Targets and Indicators	Responsibility	Progress as of end-September 2018	Status as of end-September 2018
Provide GESI orientation to project staff at district level	a) Training sessions carried out targeting specific needs and constraints faced by the District-level Project Implementation Units (DLPIUs) in GESI concepts and activities during EEAP project implementation [Target: 1/year in participating IAs]	Same as above.	a) One training undertaken in 2016 for each component and one more training is planned for district road component in Q4.	a) Partially achieved.
Ensure that bidding and contractual documents reflect GESI provisions and practices related to equitable access to labor opportunities for women and DAGs	a) All EEAP bidding documents include clauses on promoting equitable access to labor opportunities for women and DAGs	Same as above.	a) Clauses on promoting equitable access to labor opportunities for women and DAGs included	Achieved.
Appoint a team of GESI experts/ focal persons at central level to support implementation of EEAP GESI activities	GESI expert/ focal persons based in Kathmandu to support the implementation of GESI action plan in project districts	Same as above.	Appointed.	Achieved.
Include sex-, caste- and ethnicity disaggregated indicators in monitoring system and collect data	System established for collection and analysis of sex, caste- and ethnicity disaggregated data and information at center and district levels and relevant information/data included in relevant	Same as above.	MIS was developed and disaggregated data is being collected.	Partially achieved.

Activities	Targets and Indicators	Responsibility	Progress as of end-September 2018	Status as of end-September 2018
	reports (incl. Semi-annual Progress Reports)			

BPL= below poverty line; CISC= Central-level Implementation Consultant; CSC= Construction Supervision Consultant; CLS= core labor standard; CLPIU= Central-level Project Implementation Unit; DAGS= disadvantaged groups; DISC= District-level Implementation Consultant (DISC); DSC= Design and Supervision Consultant; DDCs= district development committees; DOE= Department Of Education; DOLIDAR= Department of Local Infrastructure Development; DOR = Department of Road; DUDBC= Department of Urban Development and Building Construction; EA=executing agency; EEAP= Earthquake Emergency Assistance Project; FHH= female headed household; GESI= Gender Equality and Social Inclusion; IA= implementing agency; MOE=Ministry of education; MOFALD= Ministry of Federal Affairs and Local Development; PIU=Project Implementation Unit; PMU= Project Management Unit; STI= sexually transmitted infections; SPV = special purpose vehicle; VDC = village development committee.

B. Summary of Performance Target Achievements as per revised Action Plan

	Target achieved	Target partially or not yet achieved but with activities ongoing towards achievement	Target not yet achieved with no ongoing activities
Output 1: Schools are rebuilt and upgraded with improved learning environment			
	<ul style="list-style-type: none"> a) School designs have been based on the international best-practice and safety. b) Issues related to girls and DAGs has been addressed in the design. c) Each school design includes sex-segregated toilets d) GESI considerations have been addressed in the Type Designs 		<ul style="list-style-type: none"> a) GESI-sensitive risk assessments for project schools conducted b) Capacity building for disaster preparedness and emergency carried out
Output 2: Roads and bridges are rehabilitated and reconstructed			
	<ul style="list-style-type: none"> a) Specific clauses on STI prevention, human trafficking, and adherence to CLS included in bid documents b) Additional mitigation measures as special provisions for affected FHHs included in RPs 	<ul style="list-style-type: none"> a) Road safety features are provisioned in BOQ; to be installed during construction b) Women are being employed in construction of strategic roads and district roads 	<ul style="list-style-type: none"> a) Women employed in compensatory tree plantation for afforestation and slope protection works through bioengineering b) Affected communities and contractors participate in STIs' prevention, human trafficking and adherence to CLS awareness campaign c) District-based field personnel, contractors' and local communities participate in the awareness-raising campaigns d) Affected FHHs directly benefit from appropriate provision and mitigation measures provided in RPs
General (Applicable for Outputs 1 and 2)			
	<ul style="list-style-type: none"> a) GESI expert/ focal persons based in Kathmandu to support the implementation of GESI action plan in project districts 	<ul style="list-style-type: none"> a) Formal meetings held with IAs' project staff at central level and consultants to raise awareness on the GESI Action Plan b) Training session carried out targeting specific needs and constraints faced by the District-level Project Implementation Units in GESI concepts and activities c) Clauses on promoting equitable access to labor opportunities for women and DAGs included in Bidding Documents 	

		d) Collection and analysis of sex, caste- and ethnicity disaggregated data ongoing	
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